

KEVIN PEARE MEMORIAL SKATEPARK

CONWAY, NEW HAMPSHIRE

100% SUBMITTAL

GENERAL NOTES

- NOTIFY THE ACTION SPORTS DESIGNER IMMEDIATELY OF ANY DISCREPANCIES WITHIN THE CONSTRUCTION DOCUMENTS AND/OR WRITTEN SPECIFICATIONS.
- THE METRIC EQUIVALENT "[]" DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL QUANTITIES.
- PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND/OR NATIONAL BUILDING CODES AND REQUIREMENTS.
- THE CONTRACTOR SHALL WARRANT ALL OF THEIR WORK DURING CONSTRUCTION AND A MINIMUM OF ONE YEAR AFTER THE PROJECT IS COMPLETED.

STEEL SHAPES CHART

ROUND		SQUARE		RECTANGULAR	
NOMINAL	HSS	NOMINAL	HSS	NOMINAL	HSS
2"	2.375 x 0.1875 6.03cm x 4.76mm	2"x2"	2.00 x 2.00 x 0.1875 5.08cm x 5.08cm x 4.76mm	2"x6"	2.00 x 6.00 x 0.1875 5.08cm x 15.24cm x 4.76mm
2-1/2"	2.875 x 0.1875 7.30cm x 4.76mm	2-1/2"x2-1/2"	2.50 x 2.50 x 0.1875 7.30cm x 7.30cm x 4.76mm	2"x8"	2.00 x 8.00 x 0.1875 5.08cm x 20.32cm x 4.76mm
3"	3.50 x 0.1875 8.89cm x 4.76mm	3"x3"	3.00 x 3.00 x 0.1875 7.62cm x 7.62cm x 4.76mm	2-1/2"x4"	2.50 x 4.00 x 0.1875 6.35cm x 10.16cm x 4.76mm
3-1/2"	4.00 x 0.1875 10.16cm x 4.76mm	3-1/2"x3-1/2"	3.50 x 3.50 x 0.1875 8.89cm x 8.89cm x 4.76mm	2-1/2"x5"	2.50 x 5.00 x 0.1875 6.35cm x 12.70cm x 4.76mm
4"	4.50 x 0.1875 11.43cm x 4.76mm	4"x4"	4.00 x 4.00 x 0.1875 10.16cm x 10.16cm x 4.76mm	3"x5"	3.00 x 5.00 x 0.1875 7.62cm x 12.70cm x 4.76mm

- NOTES:**
- ALL HOLLOW STRUCTURAL SECTIONS (HSS) TO BE ASTM A-500 GRADE B STEEL.

REBAR DEVELOPMENT LENGTHS

NORMAL WEIGHT CONCRETE								
REBAR SIZE		3000 P.S.I.			4000 P.S.I.			
ENGLISH	METRIC	TOP BARS ld	BOT. BARS ld	ldh	TOP BARS ld	BOT. BARS ld	ldh	ldh
#3	#10	21" [53.34cm]	16" [40.64cm]	8" [20.32cm]	18" [45.72cm]	14" [35.56cm]	7" [17.78cm]	
#4	#13	28" [71.12cm]	22" [55.88cm]	11" [27.94cm]	25" [63.50cm]	19" [48.26cm]	9" [22.86cm]	
#5	#16	36" [91.44cm]	27" [68.58cm]	14" [35.56cm]	31" [78.74cm]	24" [60.96cm]	12" [30.48cm]	
#6	#19	43" [109.22cm]	33" [83.82cm]	16" [40.64cm]	37" [93.98cm]	28" [71.12cm]	14" [35.56cm]	
#7	#22	62" [157.48cm]	48" [121.92cm]	19" [48.26cm]	54" [137.16cm]	42" [106.68cm]	17" [43.18cm]	
#8	#25	71" [180.34cm]	55" [139.70cm]	22" [55.88cm]	62" [157.48cm]	47" [119.38cm]	19" [48.26cm]	
#9	#29	80" [203.20cm]	62" [157.48cm]	25" [63.50cm]	69" [175.26cm]	53" [134.62cm]	21" [53.34cm]	
#10	#32	89" [226.06cm]	68" [172.72cm]	27" [68.58cm]	77" [195.58cm]	59" [149.86cm]	24" [60.96cm]	
#11	#36	98" [248.92cm]	75" [190.50cm]	30" [76.20cm]	85" [215.90cm]	65" [165.10cm]	26" [66.04cm]	

- NOTES:**
- THESE LENGTHS APPLY TYPICALLY UNLESS OTHERWISE NOTED.
 - CLEAR SPACING BETWEEN PARALLEL BARS MUST BE AT LEAST ONE BAR DIAMETER BUT NOT LESS THAN 1" [2.54cm].
 - TOP BARS: HORIZONTAL BARS SO PLACED THAT MORE THAN 12" [30.48cm] OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW.
 - LIGHTWEIGHT CONCRETE: MULTIPLY VALUES IN TABLE BY 1.3.
 - CLASS B SPLICE: LD X 1.3 LAP LENGTH. STAGGER SPLICES MIN. OF 24" [60.96cm].

CONSTRUCTION DISCLAIMER

ALL MEASUREMENTS, DISTANCES AND RADII TO BE VERIFIED IN THE FIELD.

SURVEY DISCLAIMER

THESE DRAWINGS HAVE BEEN PREPARED **WITHOUT** THE BENEFIT OF ANY SURVEYS OR GEO-TECHNICAL REPORTS. ALL EXISTING SITE FEATURES AND TOPOGRAPHY ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE PLACEMENT OF THE PROPOSED PARK BOTH VERTICALLY AND HORIZONTALLY ON THE EXISTING SITE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO ENSURE THE PROPOSED PARK DOES NOT CONFLICT WITH ANY EXISTING FACILITIES ABOVE OR BELOW GRADE.

STRUCTURAL NOTES

1. DESIGN CRITERIA
DESIGN CRITERIA:
- 2018 EDITION OF THE INTERNATIONAL BUILDING CODE, WITH LOCAL AMENDMENTS.
- LOADS:
- WIND DESIGN: BASIC WIND SPEED = 90 MPH (3 SECOND GUST). Iw = 1.0. EXPOSURE C.
- SEISMIC DESIGN: Ie = 1.0. Ss = 0.172 S1 = 0.051 SEISMIC SITE CLASS = D.
Sds = 0.183 SD1 = 0.081 SEISMIC DESIGN CATEGORY B.
- GENERAL:
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDA.
 - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. FOR BIDDING PURPOSES, WHERE ANY MEMBER IS SHOWN BUT NOT CALLED OUT, THE LARGEST SIMILAR MEMBER SHALL BE UTILIZED.
 - WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

CONCRETE AND SHOTCRETE:

- ALL CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF ACI 301 AND ACI 318. CEMENT PER ASTM C150, TYPE II. AGGREGATE PER ASTM C33. LIGHTWEIGHT AGGREGATE PER ASTM C330. CONCRETE SHALL BE READY MIXED IN ACCORDANCE WITH ASTM C94 AND SHALL BE DESIGNED FOR A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
 - FLAT SLABS, WALLS -----4,000 PSI
 - SLABS ON GRADE -----4,000 PSI
 - FOUNDATIONS -----4,000 PSI
- ALL SHOTCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF ACI 506, LATEST EDITION, "SPECIFICATION FOR MATERIALS, PROPORTIONING AND APPLICATION OF SHOTCRETE" AND ACI 506.2, LATEST EDITION, "RECOMMENDED PRACTICES FOR SHOTCRETE." AGGREGATE PER ASTM C33.
- SHOTCRETE MIX DESIGNS SHALL BE DESIGNED FOR A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
 - FLAT SLABS, WALLS -----4,000 PSI
 - SLABS ON GRADE -----4,000 PSI
- SHOTCRETE SURFACE PREPARATION: EXPOSED EXISTING CONCRETE SHALL BE CLEAN. SURFACES SHALL BE BROUGHT TO SATURATED SURFACE DRY (SSD) JUST PRIOR TO SHOTCRETE APPLICATION.
- ANY REBOUND OR ACCUMULATED LOOSE AGGREGATE SHALL BE REMOVED FROM THE SURFACES TO BE COVERED PRIOR TO PLACING THE INITIAL OR ANY SUCCEEDING LAYERS OF SHOTCRETE, REBOUND SHALL NOT BE REUSED AS AGGREGATE.
- JOINTS IN WALL POURS ARE PERMISSIBLE. AT JOINTS, SHOTCRETE SHALL BE SLOPED TO A THIN EDGE. BEFORE PLACING ADDITIONAL MATERIAL, ALL SURFACES SHALL BE THOROUGHLY CLEANED AND WETTED.
- ANY IN-PLACE SHOTCRETE MATERIAL WHICH EXHIBITS SAGS OR SLOUGHS, SEGREGATION, HONEY COMBING, SAND POCKETS OF OTHER OBVIOUS DEFECTS SHALL BE REMOVED AND REPLACED.
- DURING THE CURING PERIOD, CONCRETE SHALL BE MAINTAINED AT A TEMPERATURE ABOVE 40 DEGREES F AND IN MOIST CONDITION. FOR INITIAL CURING, CONCRETE SHALL BE KEPT CONTINUOUSLY MOIST FOR 24 HOURS AFTER PLACEMENT IS COMPLETE. FINAL CURING SHALL CONTINUE FOR SEVEN DAYS AFTER PLACEMENT AND SHALL CONSIST OF APPLICATION OF CURING COMPOUND PER ASTM C309. APPLY AT A RATE SUFFICIENT TO RETAIN MOISTURE, BUT NOT LESS THAN 1 GALLON PER 200 SQUARE FEET OR COVER CONCRETE WITH POLYETHYLENE PLASTIC TO MAINTAIN TEMPERATURE IF NECESSARY. LAP SEAMS IN THE PLASTIC 6" AND TAPE, WEIGHT DOWN THE PLASTIC AS NEEDED.
- THE CONTRACTOR SHALL FIX ALL CRACKS AND DISPLACEMENTS LARGER THAN 1/8".

SHEET INDEX

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CONTACTS

DESIGNER	PILLAR DESIGN STUDIOS BRAD SIEDLECKI 1960 W. HAWK CT. CHANDLER, ARIZONA 85286 (t) 888.880.5112 (f) 888.841.2569
SPECIALTY CONTRACTOR	ARTISAN SKATEPARKS ANDY DUCK 4600 TAMARACK DRIVE KITTY HAWK, NORTH CAROLINA 27949 (t) 252.202.1333

STRUCTURAL NOTES

REINFORCING STEEL:

- REINFORCING STEEL SHALL CONFORM TO ASTM A615 (Fy = 60 KSI) DEFORMED BARS FOR ALL BARS #3 AND LARGER. ALL REINFORCING TO BE WELDED SHALL BE ASTM A706. WELDED WIRE FABRIC PER ASTM A185, WIRE PER ASTM A82. LATEST ACI CODE AND DETAILING MANUAL APPLY.
- ACCURATELY PLACE OR SUPPORT ALL REINFORCING, INCLUDING WELDED WIRE FABRIC, WITH GALVANIZED METAL CHAIRS, SPACERS OR HANGERS FOR THE FOLLOWING CLEAR CONCRETE COVERAGES:
 - CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ----- 3"
 - EXPOSED TO EARTH OR WEATHER
 - #6 OR LARGER ----- 2"
 - #5 AND SMALLER ----- 1 1/2"
 - COLUMNS (TO TIES) ----- 1 1/2"
 - BEAMS (TO STIRRUPS) ----- 1 1/2"
 - FLAT SLAB ----- 3/4"
 - ALL OTHER PER LATEST EDITION OF ACI 318.
- REINFORCING BAR SPACING GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90 DEGREE HOOKS UNLESS NOTED OTHERWISE. SKEW HOOKS AS REQUIRED TO MAINTAIN CONCRETE COVER. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL WITH EMBEDMENT LENGTH ACCORDING TO THE LATEST EDITION OF THE ACI 318.

STRUCTURAL STEEL:

- ALL STEEL CONSTRUCTION SHALL CONFORM WITH THE LATEST AISC HANDBOOK. ALL RECTANGULAR TS/HSS SHALL BE ASTM A500, GRADE B (Fy = 46 KSI). ALL PIPE STEEL SHALL BE ASTM A53, GRADE B (Fy = 35 KSI). ALL OTHER STRUCTURAL SHAPES AND PLATES SHALL BE ASTM A36 (Fy = 36 KSI). PAINT ALL STEEL SURFACES WITH FABRICATOR'S STANDARD RUST-INHIBITING PRIMER EXCEPT AT SURFACES ENCASED IN CONCRETE.
 - ALL WELDING PER LATEST AMERICAN WELDING SOCIETY STANDARDS, (EXCEPT STEEL JOISTS AND JOIST GIRDERS SHALL COMPLY WITH SJI STANDARDS). ALL WELDING DONE BY E70 SERIES LOW HYDROGEN RODS UNLESS NOTED OTHERWISE. FOR GRADE 60 REINFORCING BARS, USE E90 SERIES. THESE DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP AND FIELD WELDS; THE CONTRACTOR MAY SHOP WELD OR FIELD WELD AT HIS DISCRETION.
 - NON-SHRINK GROUT SHALL BE 5,000 PSI, FIVE STAR, SIKKA 212 OR EQUIVALENT. INSTALL NON-SHRINK GROUT UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED.
- POST-INSTALLED ANCHORS:
- EPOXY BOLTS OR DOWELS SHALL BE A THREADED ROD OR REINFORCING STEEL INSTALLED WITH THE ONE OF THE FOLLOWING APPROVED PRODUCTS SATISFYING CRACKED CONCRETE REQUIREMENTS IN ACCORDANCE WITH ACI APPENDIX D.

SIMPSON "SET-XP"	ICC REPORT ESR-2508
HILTI "RE-500 SD"	ICC REPORT ESR-2322
POWERS "PE1000+"	ICC REPORT ESR-2583
 - THE CONTRACTOR MAY NOT USE SUBSTITUTES FOR EPOXY OR EXPANSION ANCHORS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
 - FOR MINIMUM EMBEDMENT LENGTH SEE DETAILS. INSTALL ALL BOLTS AS OUTLINED IN MANUFACTURER'S SPECIFICATIONS, UTILIZING PROPER SIZE AND TYPE OF DRILL, CLEANING HOLE, DRIVING AND TIGHTENING BOLT.

CONSTRUCTION DETAIL NOTES

- "BASE COURSE" SHALL CONSIST OF A 4" [10.16cm] LAYER OF COMPACTED 1" [2.54cm] CRUSHED ROCK; "COMPACTED SUBGRADE" SHALL CONSIST OF THE UPPER MOST 1'-0" [30.48cm] OF NATIVE SOIL AND/OR ENGINEERED FILL COMPACTED TO 95% STANDARD PROCTOR. IF THESE GUIDELINES CONFLICT WITH THE GEO-TECHNICAL REPORT, THE CONTRACTOR TO FOLLOW THE MORE STRINGENT OF THE TWO GUIDELINES
- GRIND SMOOTH ALL EXPOSED COPING AND RAIL WELDS. APPLY END CAPS TO ALL EXPOSED COPING AND RAIL ENDS, OPEN STEEL ENDS OR CONCRETE FILLED CAPS ARE UNACCEPTABLE.
- HOOK ANCHORS OR HEX BOLTS MAY BE USED IN-LIEU OF NELSON STUDS TO SECURE COPING AND PROTECTIVE PLATES IN PLACE PROVIDED THEY ARE THE SAME NOMINAL SIZE.
- ALL RAIL POSTS SHALL BE PLACED 3" [7.62cm] MINIMUM CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES.
- SOME REINFORCEMENT MEMBERS MAY BE SHOWN OUT OF SCALE AND/OR POSITION FOR CLARITY ONLY. AT A MINIMUM ALL REINFORCEMENT SHALL BE PLACED CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES AS NOTED BELOW:
 - WELDED WIRE FABRIC: 2" [5.08cm]
 - SPEED DOWELS: 3" [7.62cm]
 - REBAR IN FLATWORK, BANKS, BOWLS, WATERFALLS AND TURNDOWN WALLS: 2" [5.08cm] OR 3" [7.62cm] IF PERMANENTLY EXPOSED TO EARTH
 - REBAR IN FORMED LEDGES, EXTENSIONS AND RETAINING WALLS: 3" [7.62cm]
- ALL SHOTCRETE SHALL BE CUT, SCREDED AND INSPECTED WITH TEMPLATES CUT TO THE SPECIFIED HEIGHT, WIDTH, RADIUS AND/OR ANGLE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH DIMENSIONS, MATERIAL AND LOCATION OF USED FOR ALL TEMPLATES FOR APPROVAL BY THE OWNER'S REPRESENTATIVE AND THE ACTION SPORTS DESIGNER.
- ALL CONCRETE AND SHOTCRETE SHALL HAVE A SMOOTH TROWEL FINISH UNLESS OTHERWISE NOTED.
- ALL EXPOSED OUTSIDE CONCRETE CORNERS SHALL RECEIVE A 1/2" [12.70mm] CHAMFER UNLESS OTHERWISE NOTED.
- CAP ALL EXPOSED ENDS, FILL ALL VOIDS AND GRIND ALL WELDS SMOOTH.



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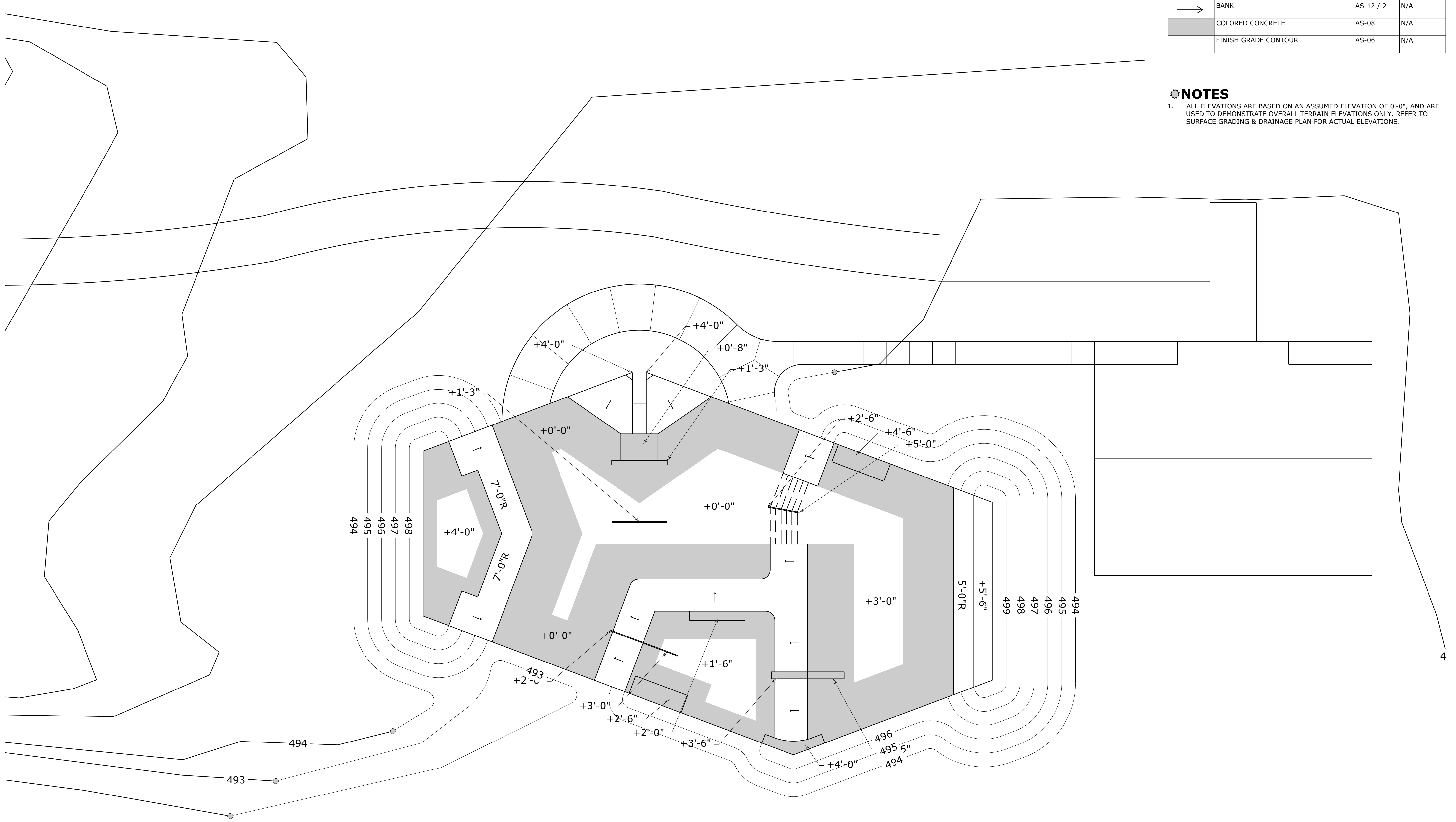
REGISTRATION:

DESIGNED BY: PILLAR TEAM
DRAWN BY: PILLAR TEAM
PROJECT #: 20-2020
DATE: 01/18/23

PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE: COVER SHEET

01 OF 13

AS-01
SKATE PARK



LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	QUANTITY
7'-0"R	RADIUS OF THE TRANSITION	AS-12 / 1	N/A
→	BANK	AS-12 / 2	N/A
[Shaded Area]	COLORED CONCRETE	AS-08	N/A
[Line]	FINISH GRADE CONTOUR	AS-06	N/A

NOTES

- ALL ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 0'-0", AND ARE USED TO DEMONSTRATE OVERALL TERRAIN ELEVATIONS ONLY. REFER TO SURFACE GRADING & DRAINAGE PLAN FOR ACTUAL ELEVATIONS.

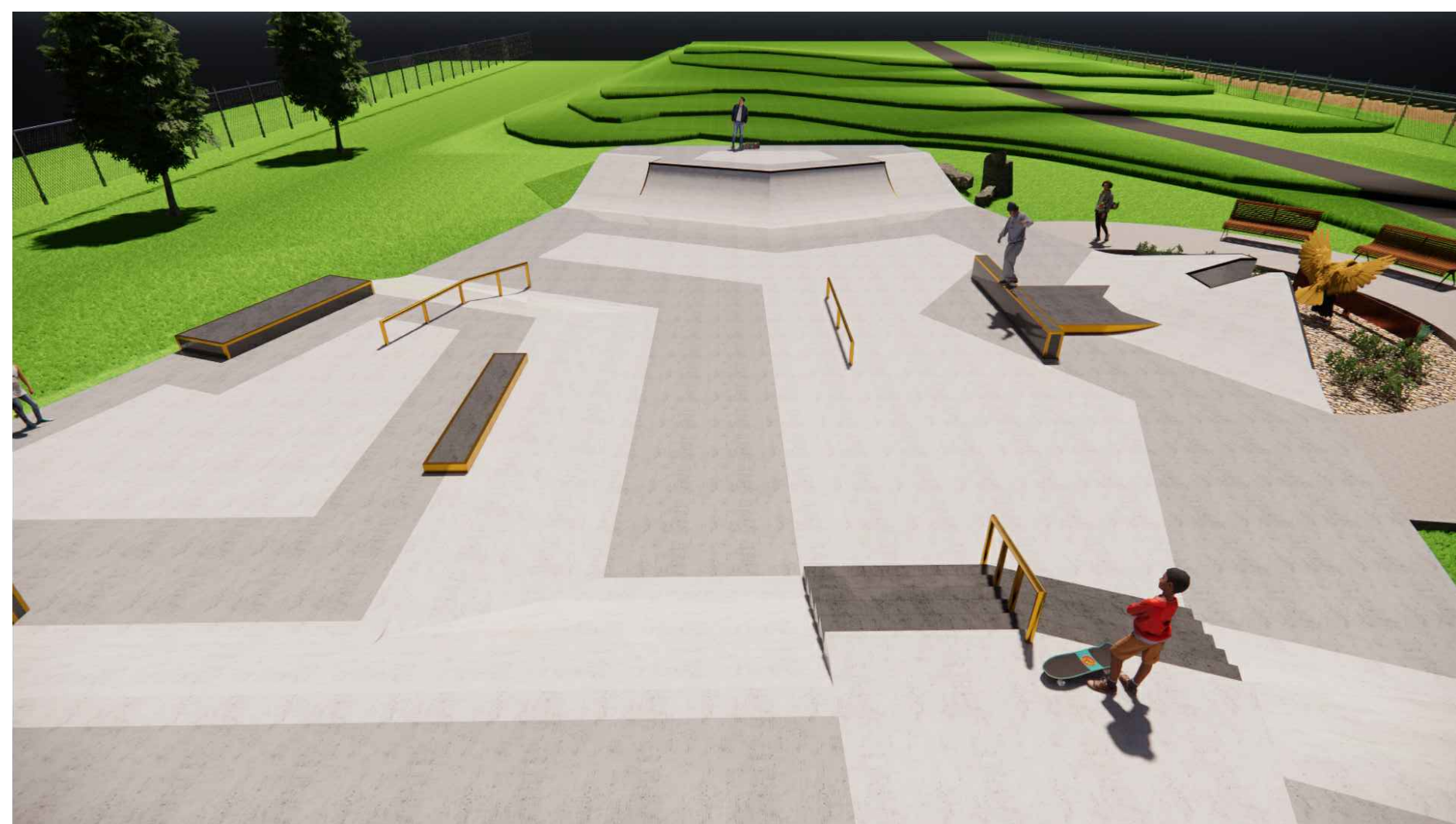


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DESIGNED BY: PILLAR TEAM
 DRAWN BY: PILLAR TEAM
 PROJECT #: 20-2020
 DATE: 01/18/23

PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
 CONWAY, NEW HAMPSHIRE
 SHEET TITLE: MASTER PLAN

SHEET: 02 OF 13
AS-02
 SKATE PARK

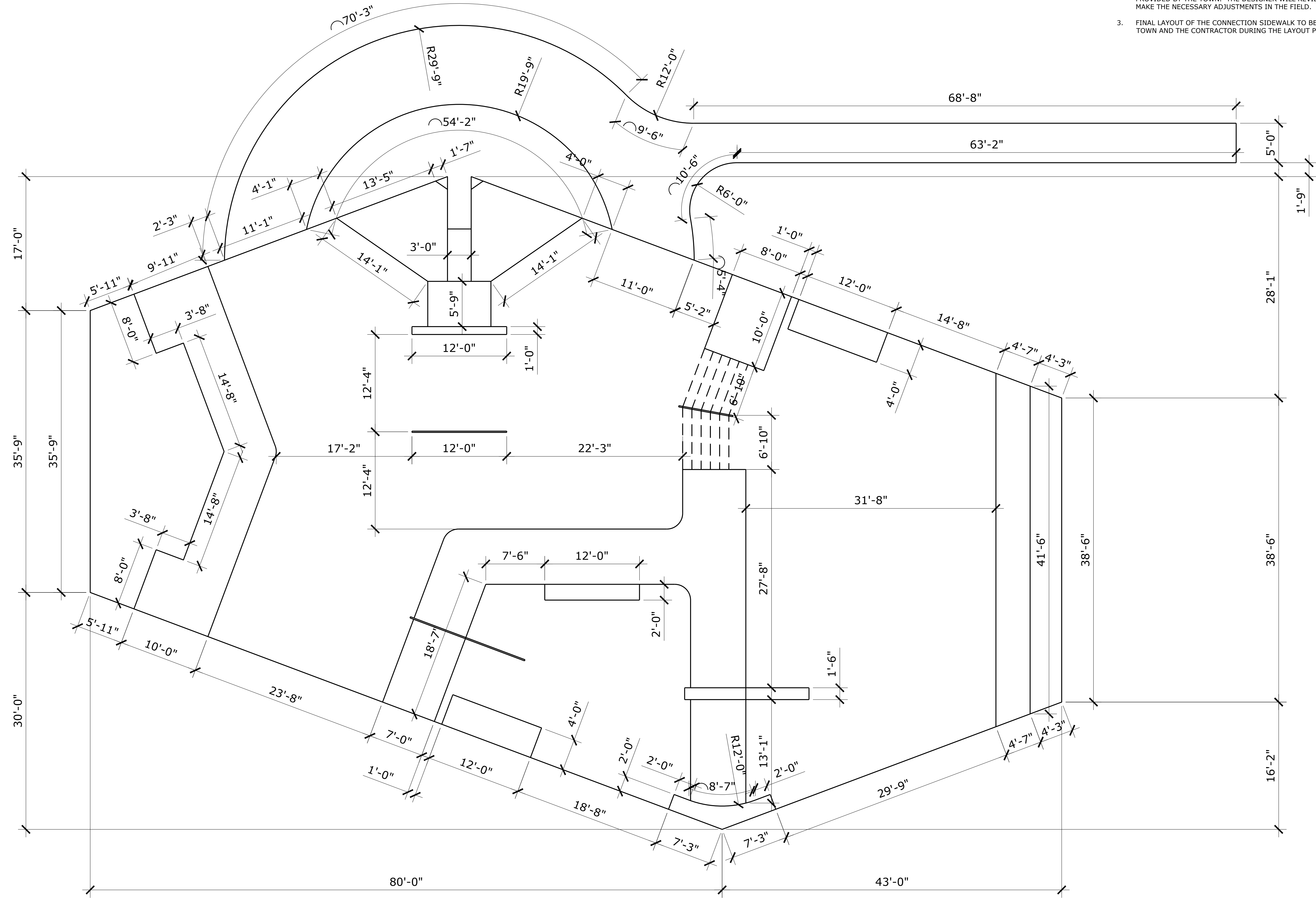


REGISTRATION:

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DRAWN: PILLAR TEAM
PROJECT #: 20-2020
DATE: 01/18/23

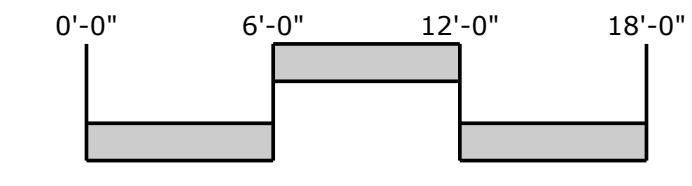
KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE:
3 DIMENSIONAL IMAGES

PROJECT: 03 OF 13
AS-03
SKATE PARK



NOTES

1. DIMENSIONS SHOWN ARE INTENDED FOR HORIZONTAL POSITIONING AND DIMENSION CLARIFICATION ONLY. ALL POINTS SET IN THE FIELD FROM THESE VALUES SHALL FIRST BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THE LOCATION IS CONSISTENT WITH THE DIMENSIONS AND GRAPHIC LOCATIONS SHOWN WITHIN THE APPROVED CONSTRUCTION DOCUMENTS
2. THE FINAL DIMENSIONS WILL BE DETERMINED BY THE ROUGH GRADING PROVIDED BY THE TOWN. THE DESIGNER WILL REVIEW ROUGH GRADING AND MAKE THE NECESSARY ADJUSTMENTS IN THE FIELD.
3. FINAL LAYOUT OF THE CONNECTION SIDEWALK TO BE DETERMINED BY THE TOWN AND THE CONTRACTOR DURING THE LAYOUT PHASE OF THE PROJECT.



SHEET: 04 OF 13

AS-04
SKATE PARK

KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE:
LAYOUT PLAN

DESIGNED: PILLAR TEAM
DRAWN: PILLAR TEAM
PROJECT #: 20-2020
DATE: 01/18/23

REGISTRATION:

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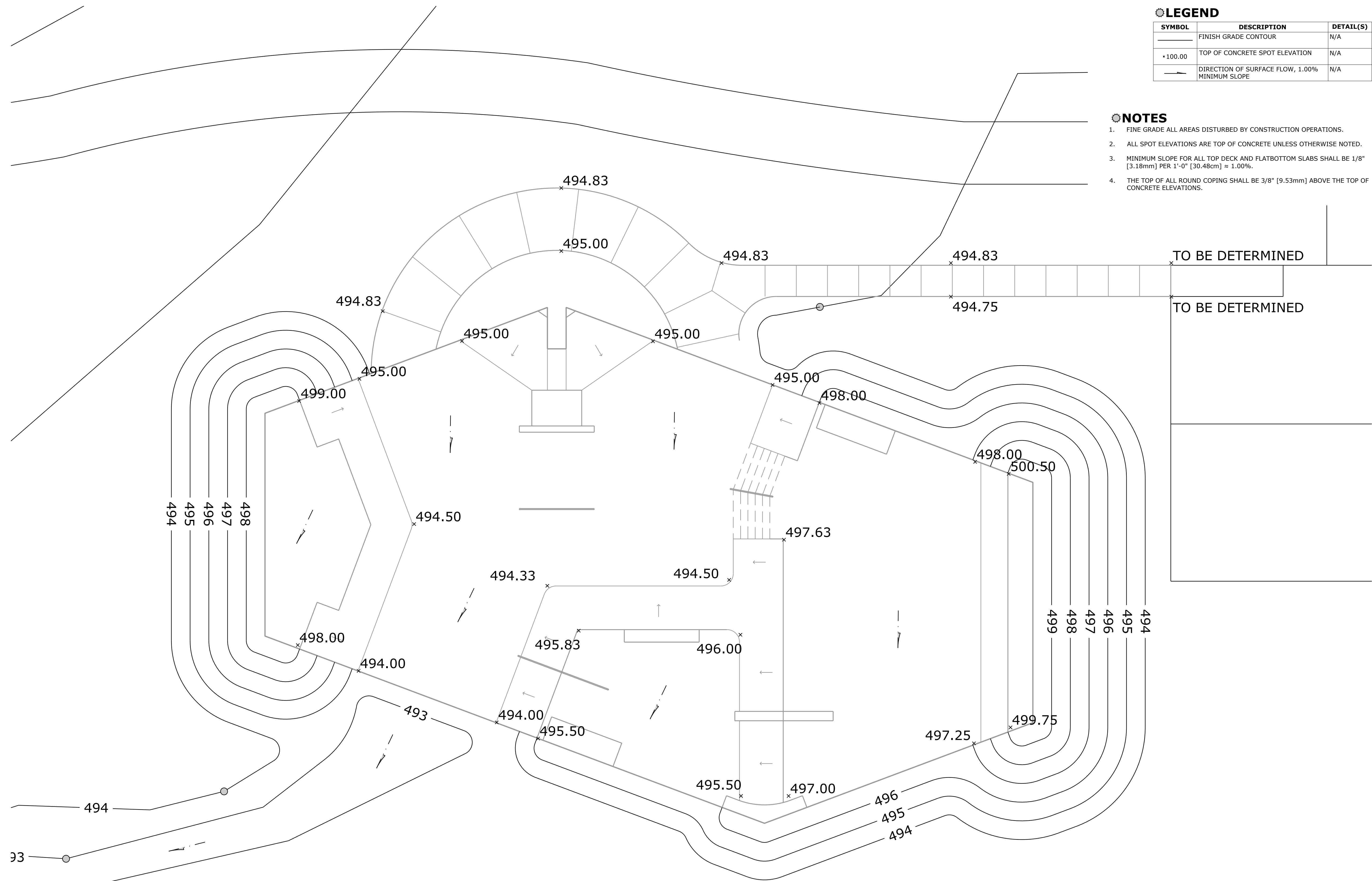


LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
	FINISH GRADE CONTOUR	N/A
	TOP OF CONCRETE SPOT ELEVATION	N/A
	DIRECTION OF SURFACE FLOW, 1.00% MINIMUM SLOPE	N/A

NOTES

1. FINE GRADE ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.
2. ALL SPOT ELEVATIONS ARE TOP OF CONCRETE UNLESS OTHERWISE NOTED.
3. MINIMUM SLOPE FOR ALL TOP DECK AND FLATBOTTOM SLABS SHALL BE 1/8" [3.18mm] PER 1'-0" [30.48cm] \approx 1.00%.
4. THE TOP OF ALL ROUND COPING SHALL BE 3/8" [9.53mm] ABOVE THE TOP OF CONCRETE ELEVATIONS.



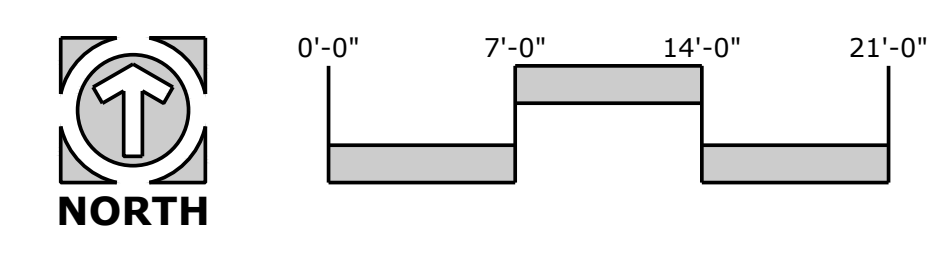
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REGISTRATION:

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 DRAWN: PILLAR TEAM
 PROJECT #: 20-2020
 DATE: 01/18/23

PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
 CONWAY, NEW HAMPSHIRE
 SHEET TITLE: SURFACE GRADING & DRAINAGE PLAN

SHEET: 06 OF 13
AS-06
 SKATE PARK

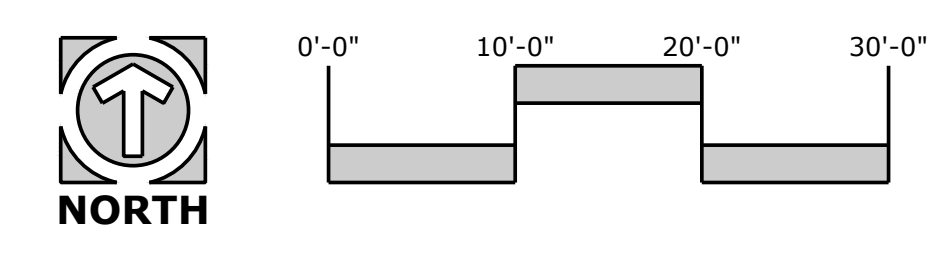
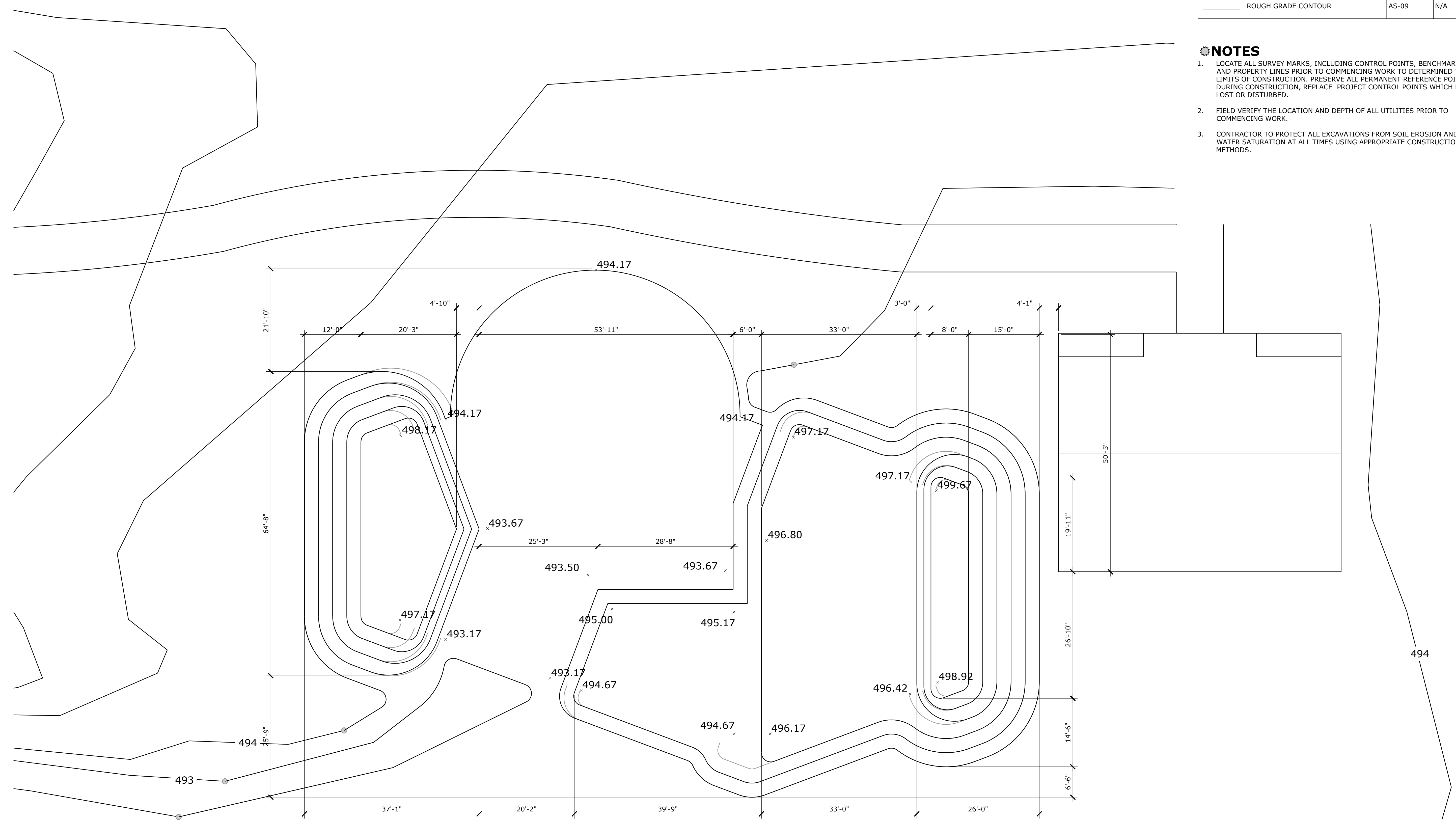


LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	QUANTITY
	ROUGH GRADE CONTOUR	AS-09	N/A

NOTES

- LOCATE ALL SURVEY MARKS, INCLUDING CONTROL POINTS, BENCHMARKS AND PROPERTY LINES PRIOR TO COMMENCING WORK TO DETERMINE THE LIMITS OF CONSTRUCTION. PRESERVE ALL PERMANENT REFERENCE POINTS DURING CONSTRUCTION. REPLACE PROJECT CONTROL POINTS WHICH MAY BE LOST OR DISTURBED.
- FIELD VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING WORK.
- CONTRACTOR TO PROTECT ALL EXCAVATIONS FROM SOIL EROSION AND WATER SATURATION AT ALL TIMES USING APPROPRIATE CONSTRUCTION METHODS.



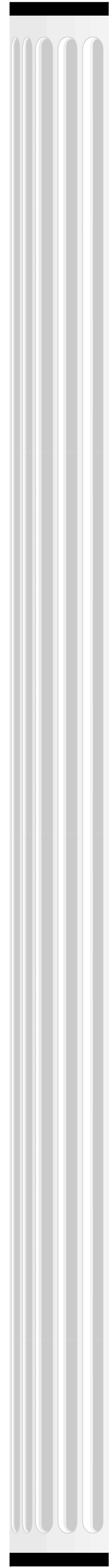
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PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
 CONWAY, NEW HAMPSHIRE
 SHEET TITLE: ROUGH GRADING PLAN

SHEET: 05 OF 13
AS-05
 SKATE PARK

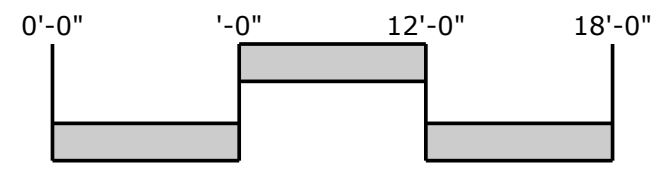
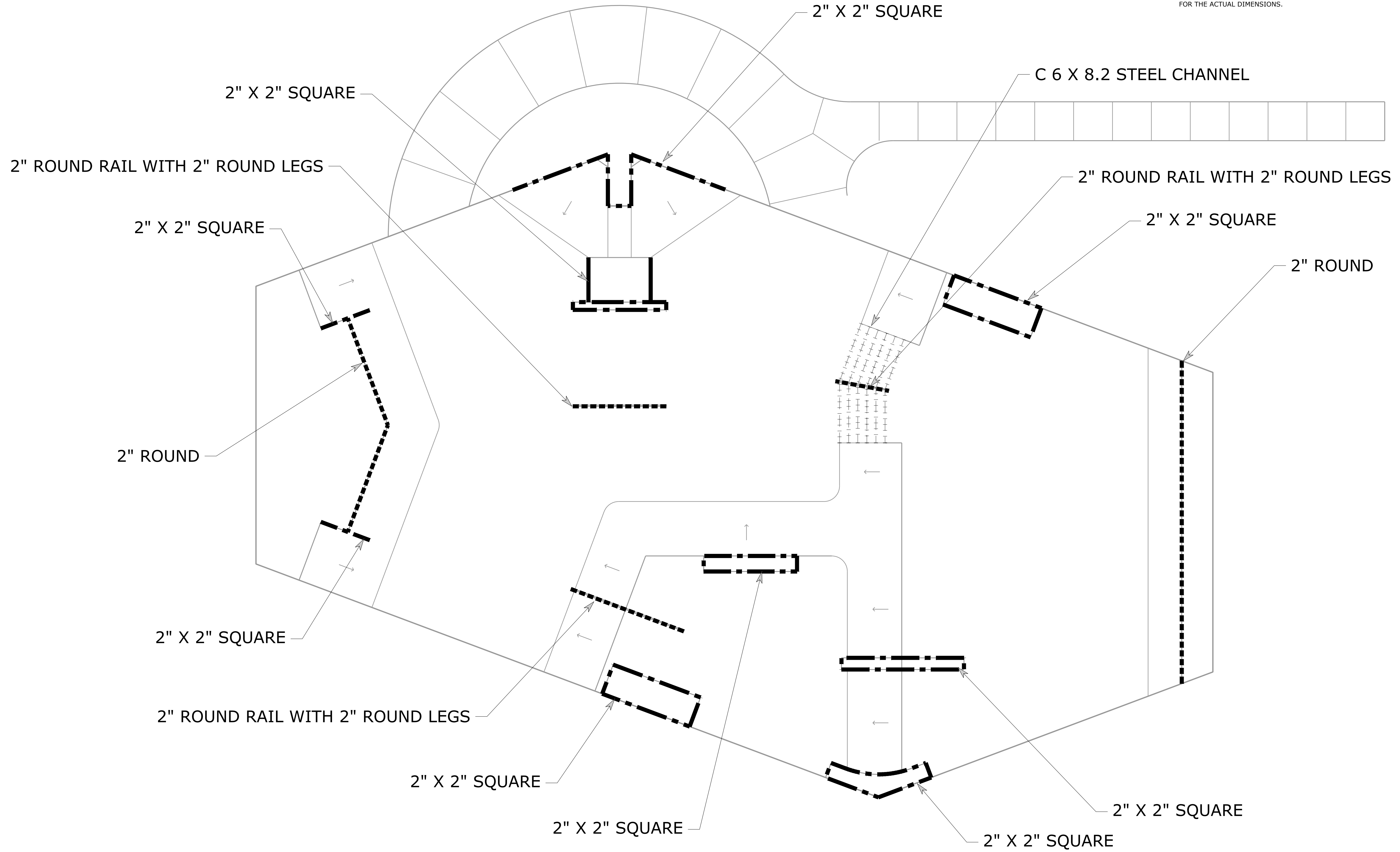


LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	COLOR	FINISH
-----	2" [6.03cm] ROUND STEEL PIPE	AS-11 / 1, 5, 6 & 7	T.B.D.	PAINTED
-----	2" [5.08cm] X 2" [5.08cm] SQUARE STEEL TUBE	AS-11 / 3 & 4	T.B.D.	PAINTED
-----	C 6x8.2 STEEL CHANNEL	AS-11 / 8	T.B.D.	PAINTED

NOTES

1. ALL COPING/RAIL SIZES ARE NOMINAL, REFER TO THE STEEL SHAPES CHART FOR THE ACTUAL DIMENSIONS.

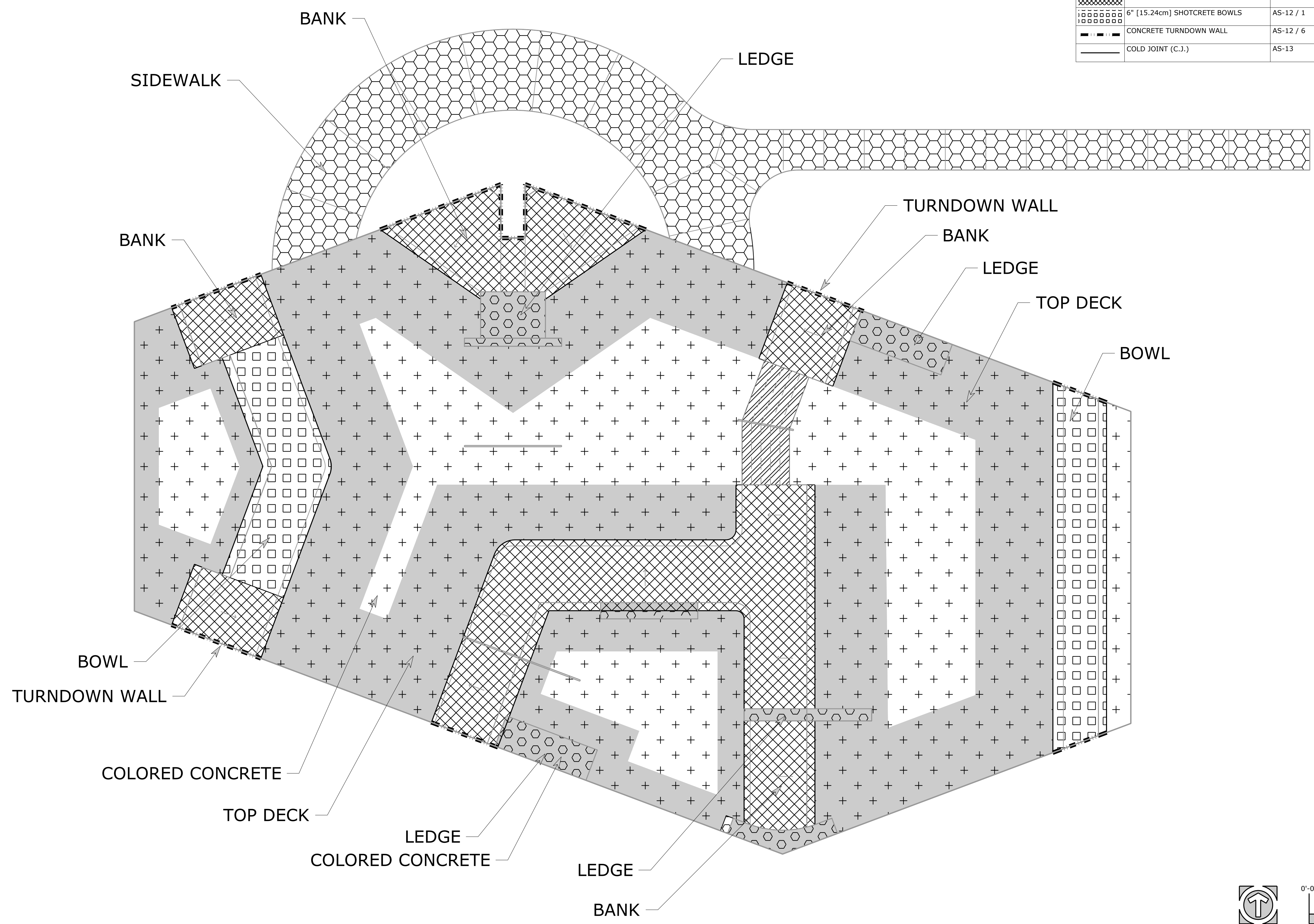


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 PROJECT #: 20-2020
 DATE: 01/18/23

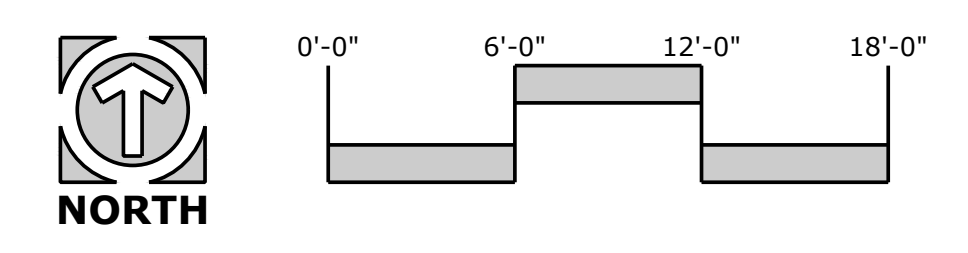
PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
 CONWAY, NEW HAMPSHIRE
 SHEET TITLE: COPING PLAN

SHEET: 07 OF 13
AS-07
 SKATE PARK



LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	COLOR	FINISH
	4" [10.16cm] CONCRETE SIDEWALK	AS-12 / 7	NATURAL GRAY	SMOOTH TROWEL
	4" [10.16cm] CONCRETE TOP DECK	AS-12 / 4	NATURAL GRAY	SMOOTH TROWEL
	4" [10.16cm] CONCRETE TOP DECK	AS-12 / 4	DAVIS COLORS [DARK GRAY]	SMOOTH TROWEL
	CONCRETE GRIND LEDGES	AS-12 / 5	DAVIS COLORS [LIGHT GRAY]	SMOOTH TROWEL
	CONCRETE STAIRS	AS-12 / 8	NATURAL GRAY	LIGHT BROOM
	6" [15.24cm] SHOTCRETE BANKS	AS-12 / 2	NATURAL GRAY	SMOOTH TROWEL
	6" [15.24cm] SHOTCRETE BOWLS	AS-12 / 1	NATURAL GRAY	SMOOTH TROWEL
	CONCRETE TURNDOWN WALL	AS-12 / 6	NATURAL GRAY	SMOOTH TROWEL
	COLD JOINT (C.J.)	AS-13	N/A	N/A



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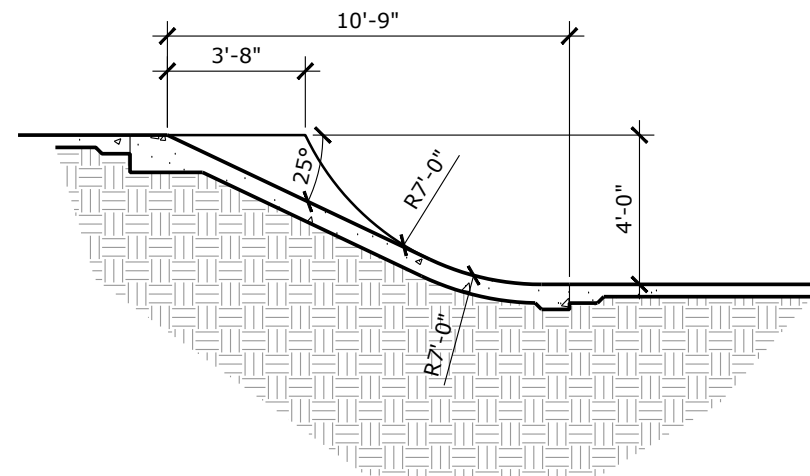
DESIGNED: PILLAR TEAM
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PROJECT #: 20-2020
DATE: 01/18/23

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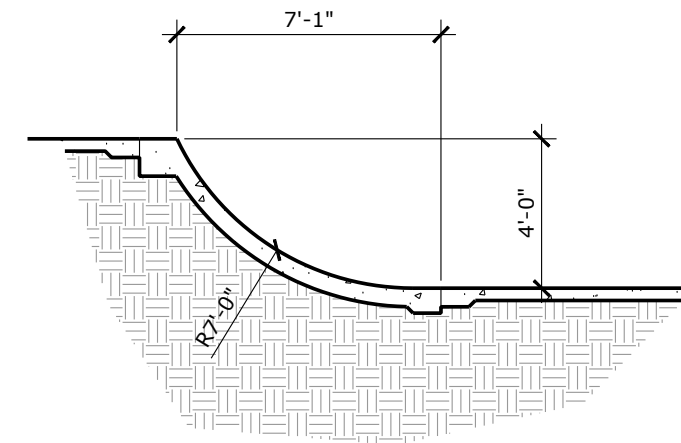
PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
 CONWAY, NEW HAMPSHIRE
SHEET TITLE: CONCRETE PLAN

SHEET: 08 OF 13
AS-08
SKATE PARK

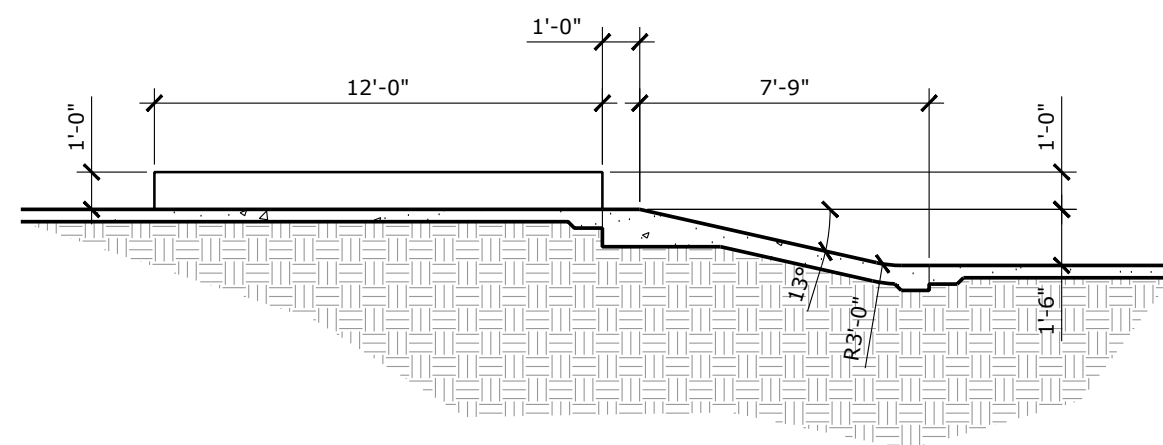
Pillar Design Studio
 A DESIGN / BUILD COLLABORATION
Artisan Skateparks



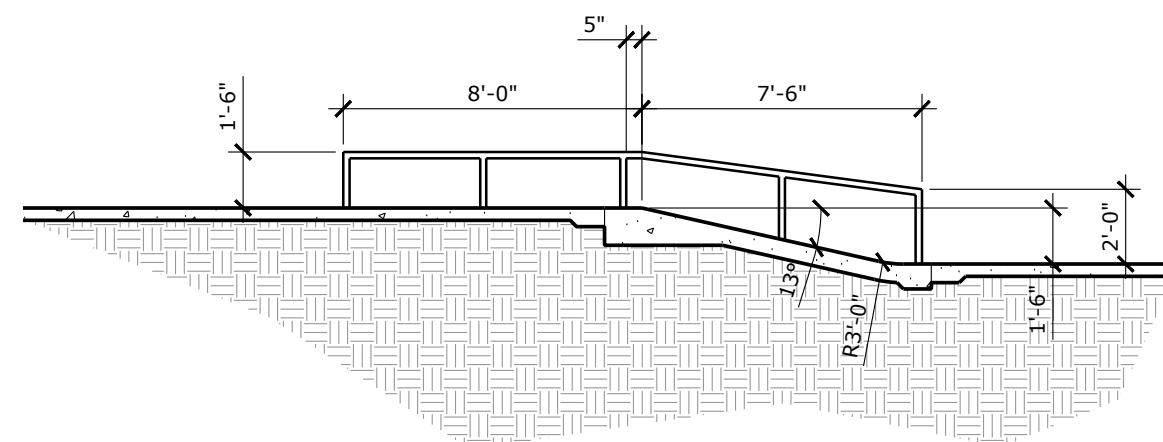
SECTION 1



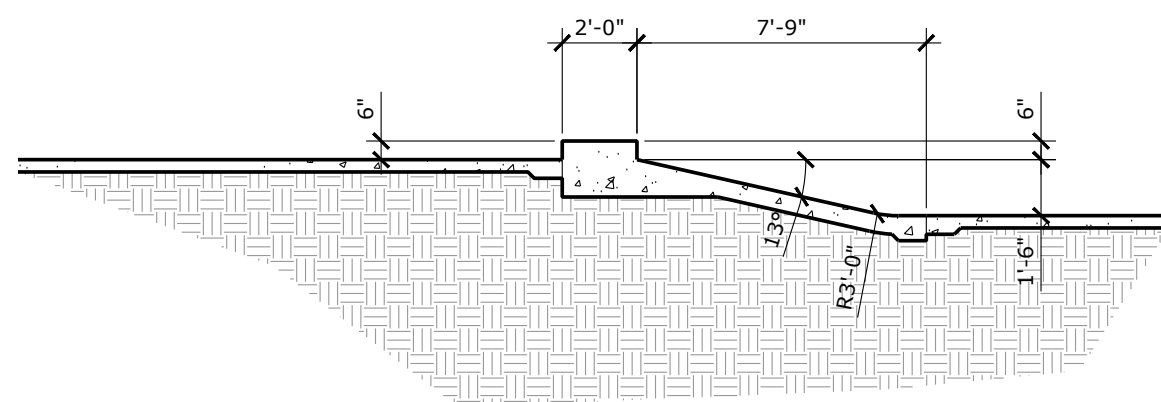
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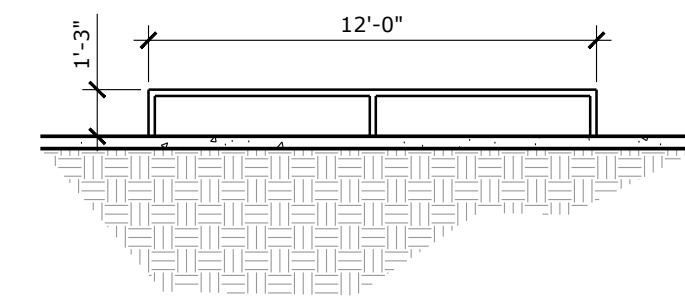
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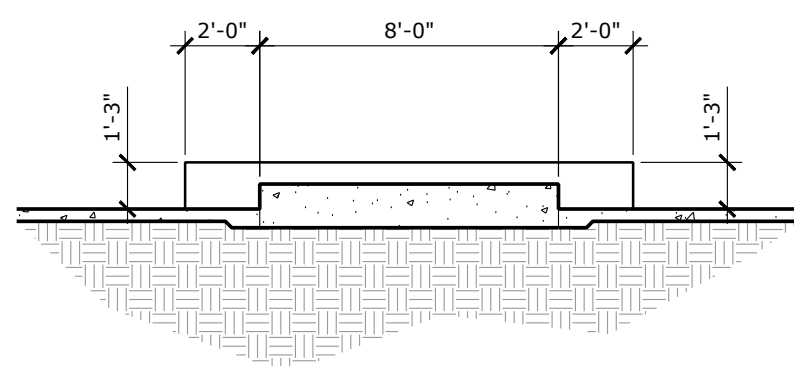
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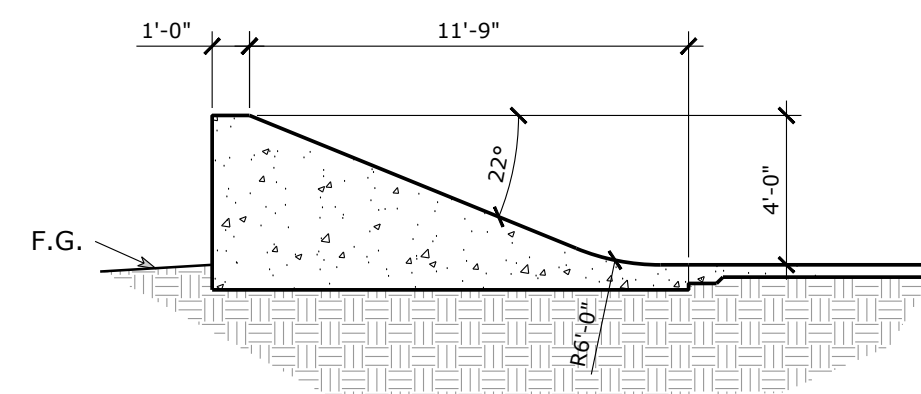
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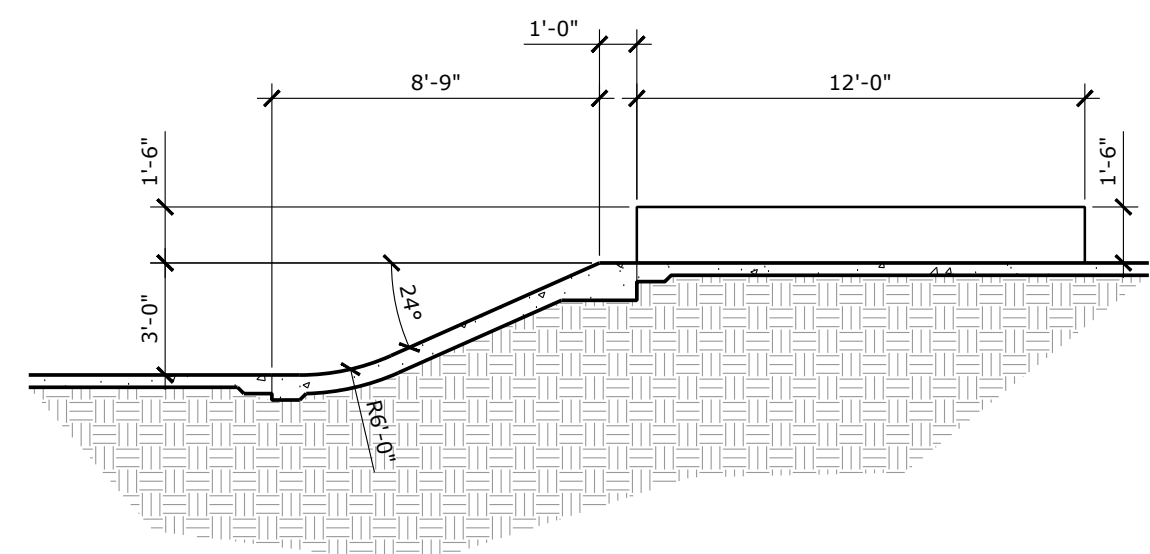
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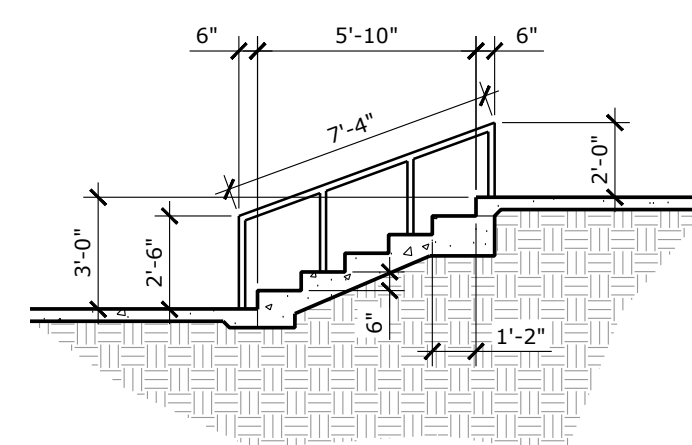
SECTION 7



SECTION 8

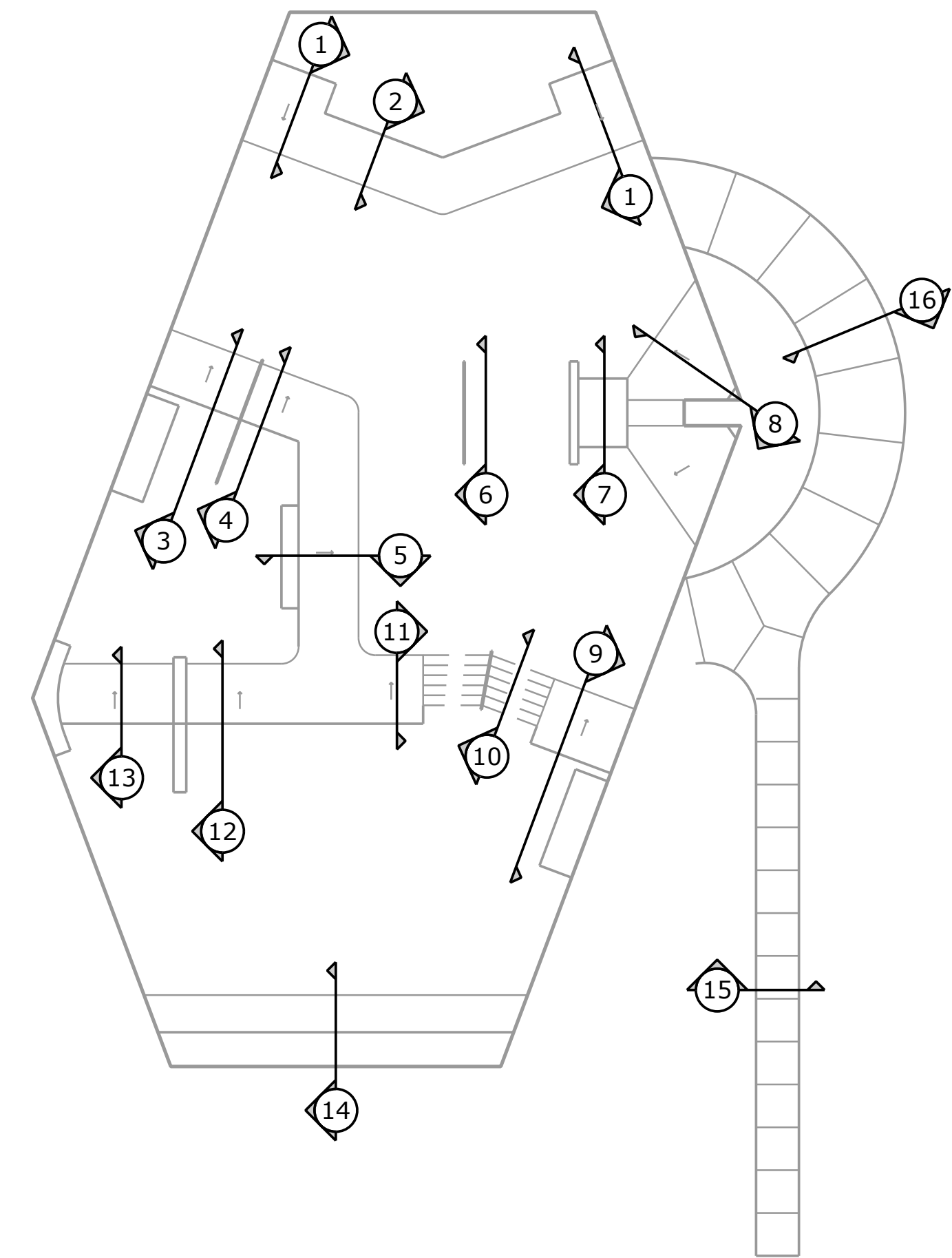


SECTION 9



SECTION 10

KEY MAP



LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
	CONCRETE/SHOTCRETE	N/A
	SUBGRADE	N/A
E.G.	EXISTING GRADE	N/A

NOTES

- REFER TO THE COPING PLAN FOR EDGE TREATMENT LOCATION AND TYPE
- REFER TO THE HORIZONTAL CONTROL PLAN FOR ACTUAL HORIZONTAL LOCATIONS.
- REFER TO THE SURFACE GRADING AND DRAINAGE PLAN FOR ACTUAL VERTICAL ELEVATIONS.

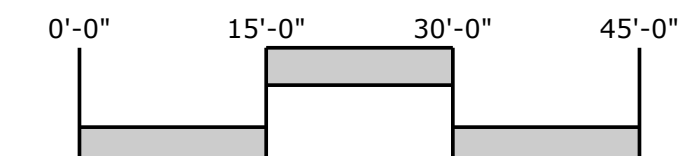
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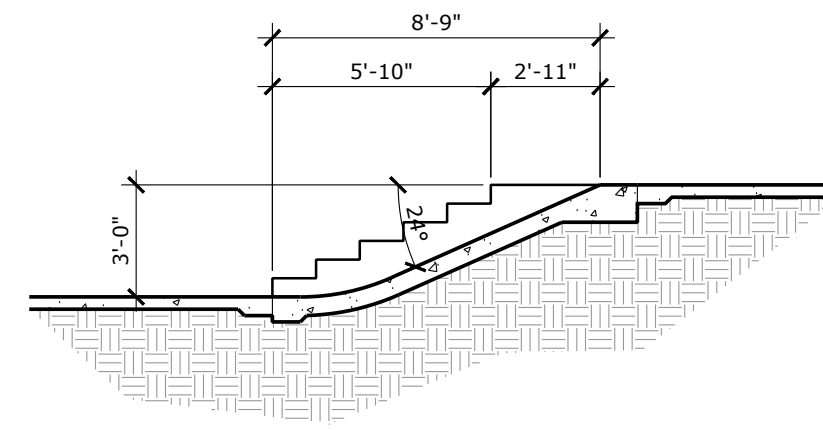
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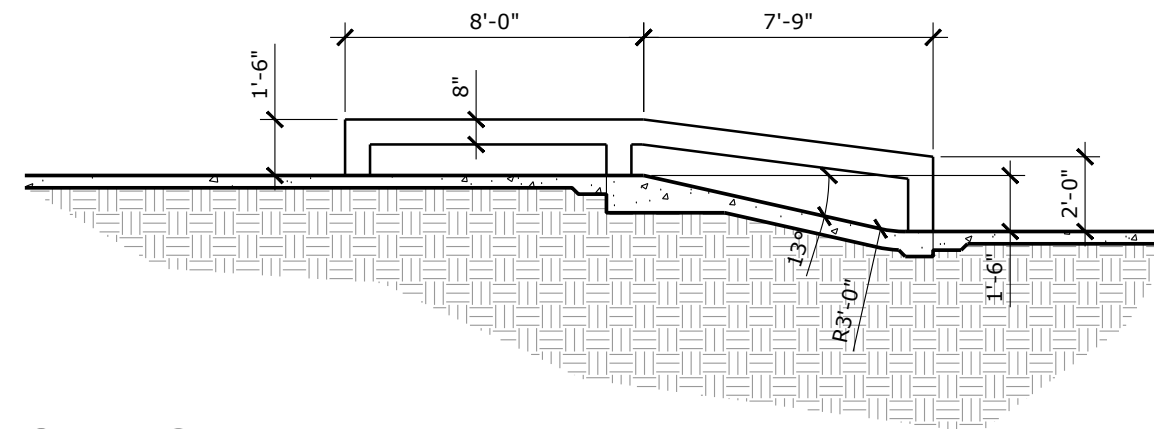
PROJECT: KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE: CROSS SECTIONS

SHEET: 09 OF 13
AS-09
SKATE PARK

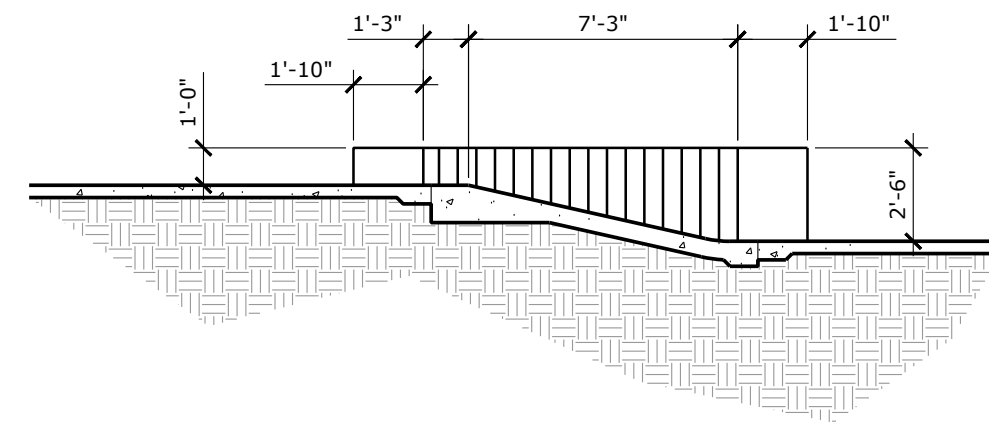




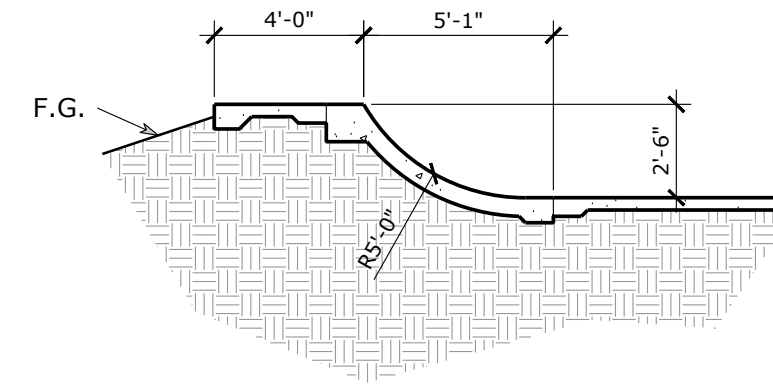
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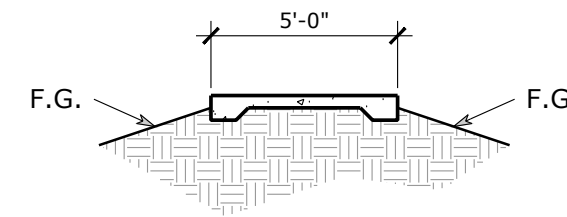
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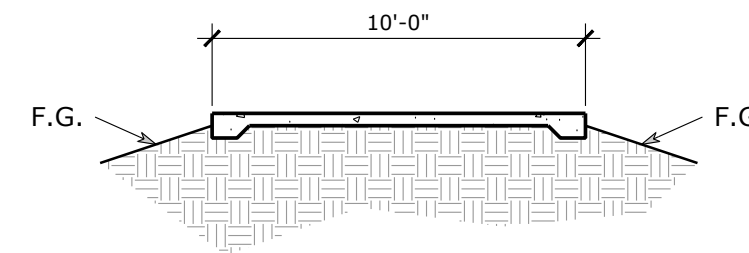
SECTION 13



SECTION 14

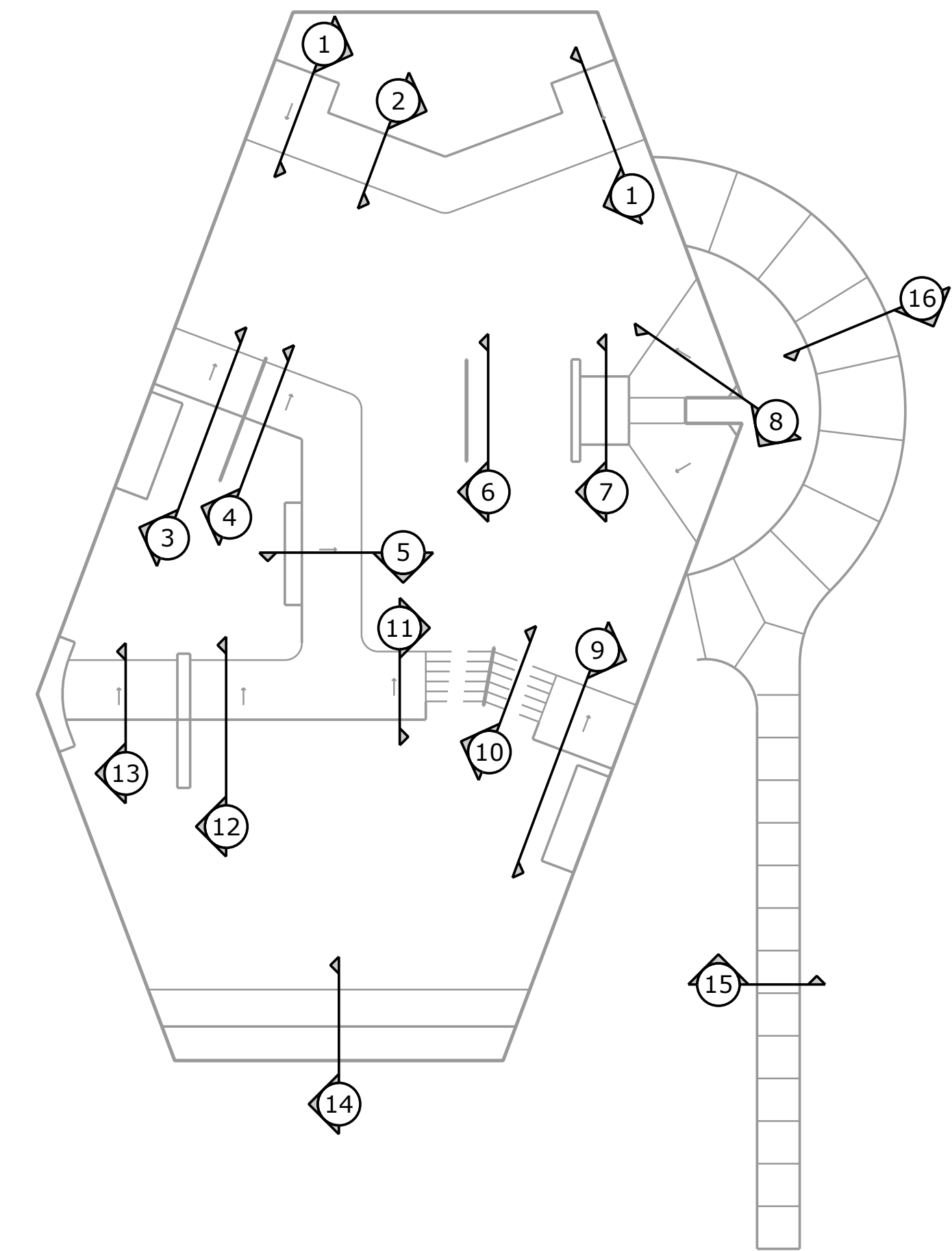


SECTION 15



SECTION 16

KEY MAP

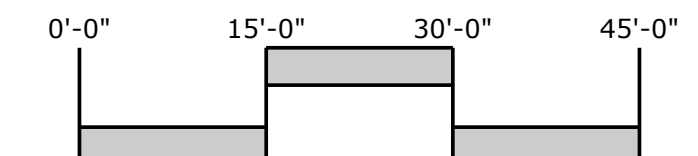


LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
	CONCRETE/SHOTCRETE	N/A
	SUBGRADE	N/A
	EXISTING GRADE	N/A

NOTES

- REFER TO THE COPING PLAN FOR EDGE TREATMENT LOCATION AND TYPE
- REFER TO THE HORIZONTAL CONTROL PLAN FOR ACTUAL HORIZONTAL LOCATIONS.
- REFER TO THE SURFACE GRADING AND DRAINAGE PLAN FOR ACTUAL VERTICAL ELEVATIONS.



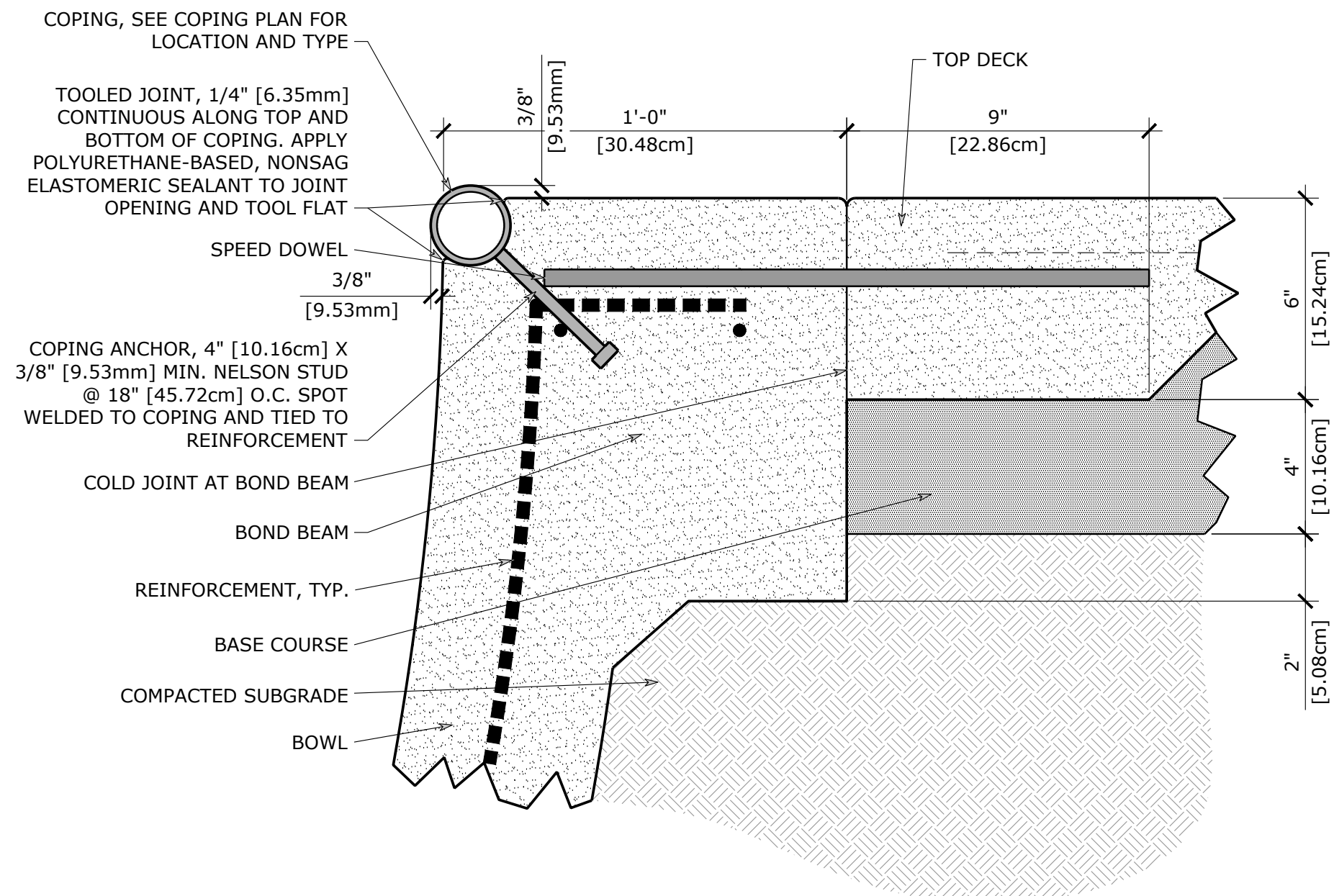
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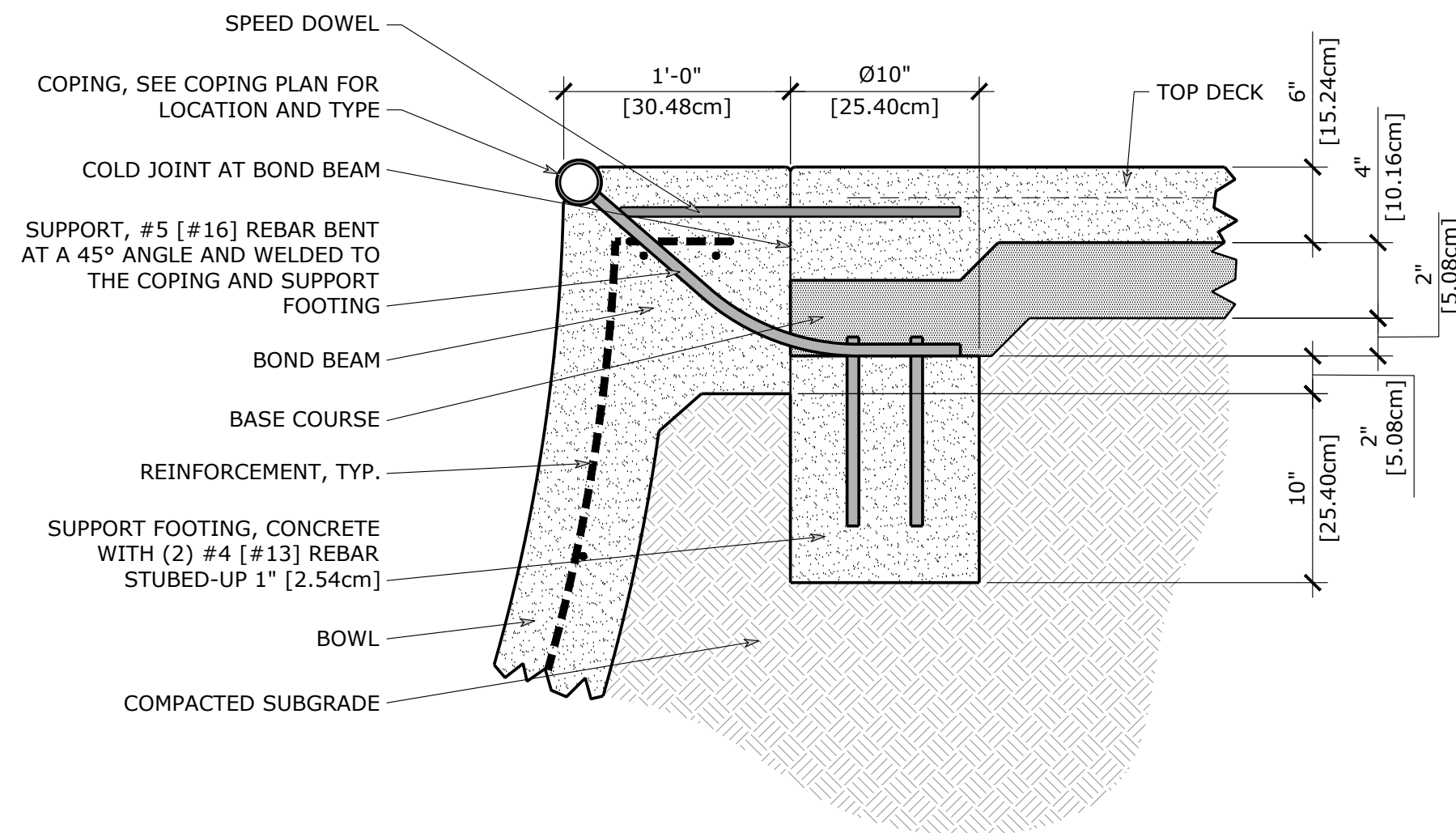
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DRAWN: PILLAR TEAM
PROJECT #: 20-2020
DATE: 01/18/23

PROJECT:
KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE:
CROSS SECTIONS

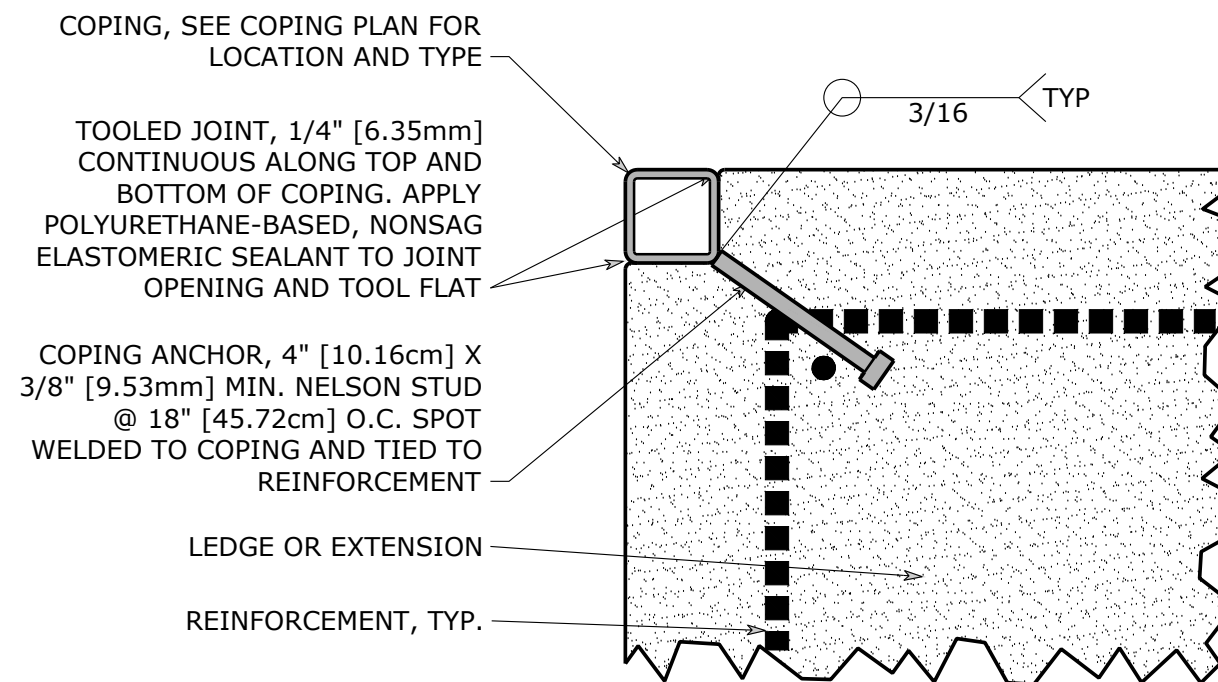
SHEET:
10 OF 13
AS-10
SKATE PARK



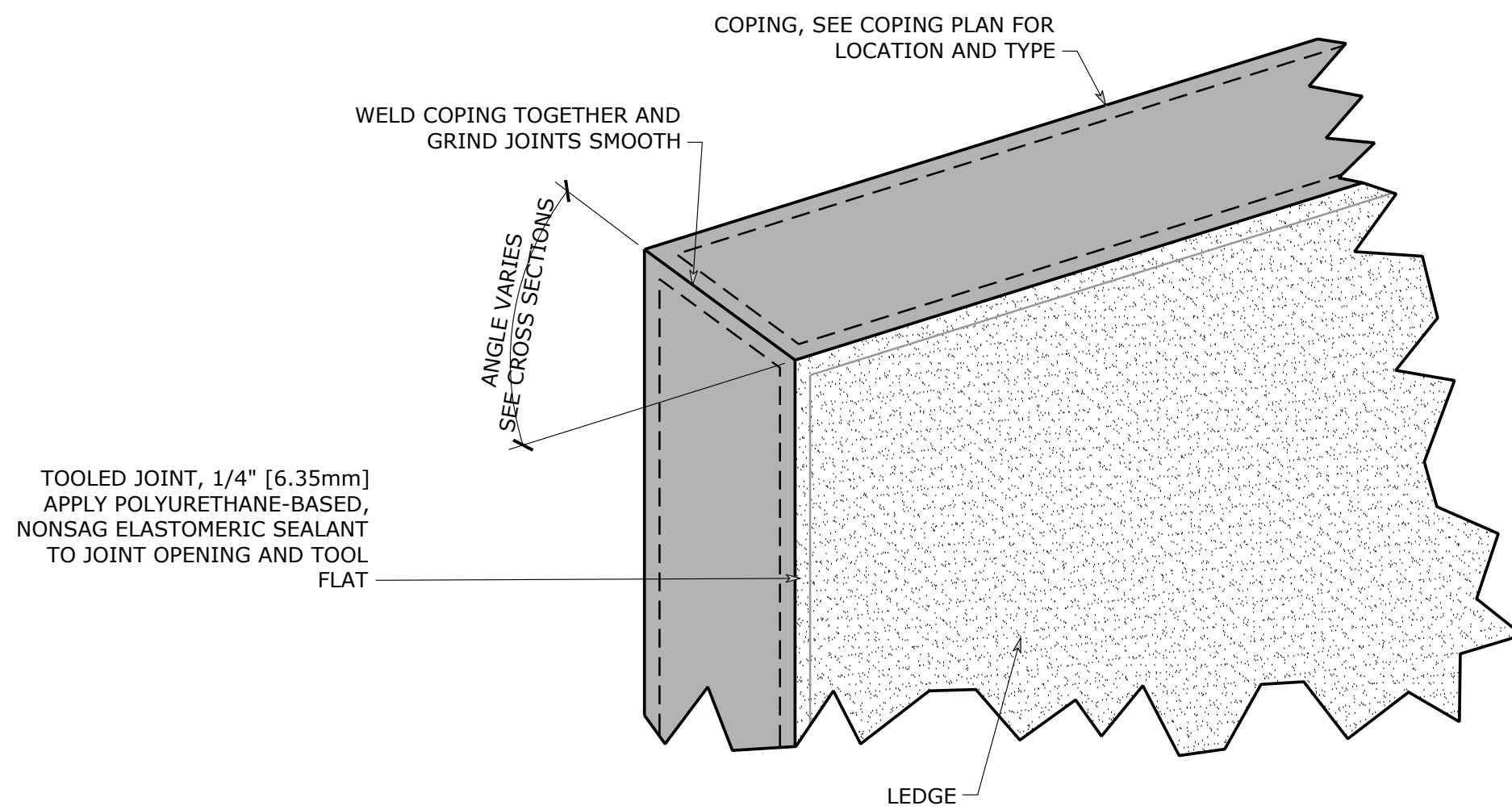
1 STEEL COPING - ROUND
SCALE: 3" = 1'-0"



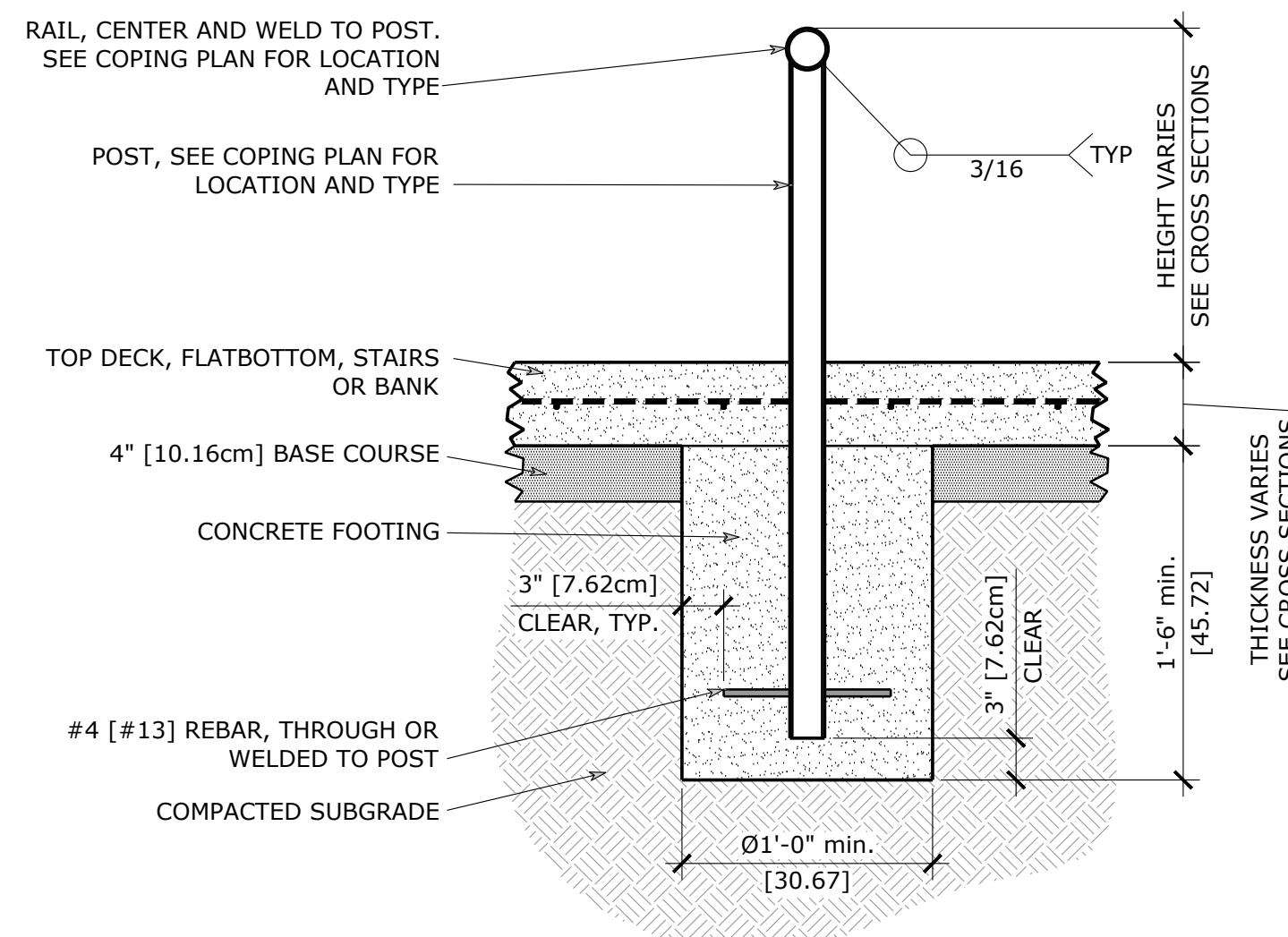
2 COPING CONSTRUCTION SUPPORT
SCALE: 1-1/2" = 1'-0"



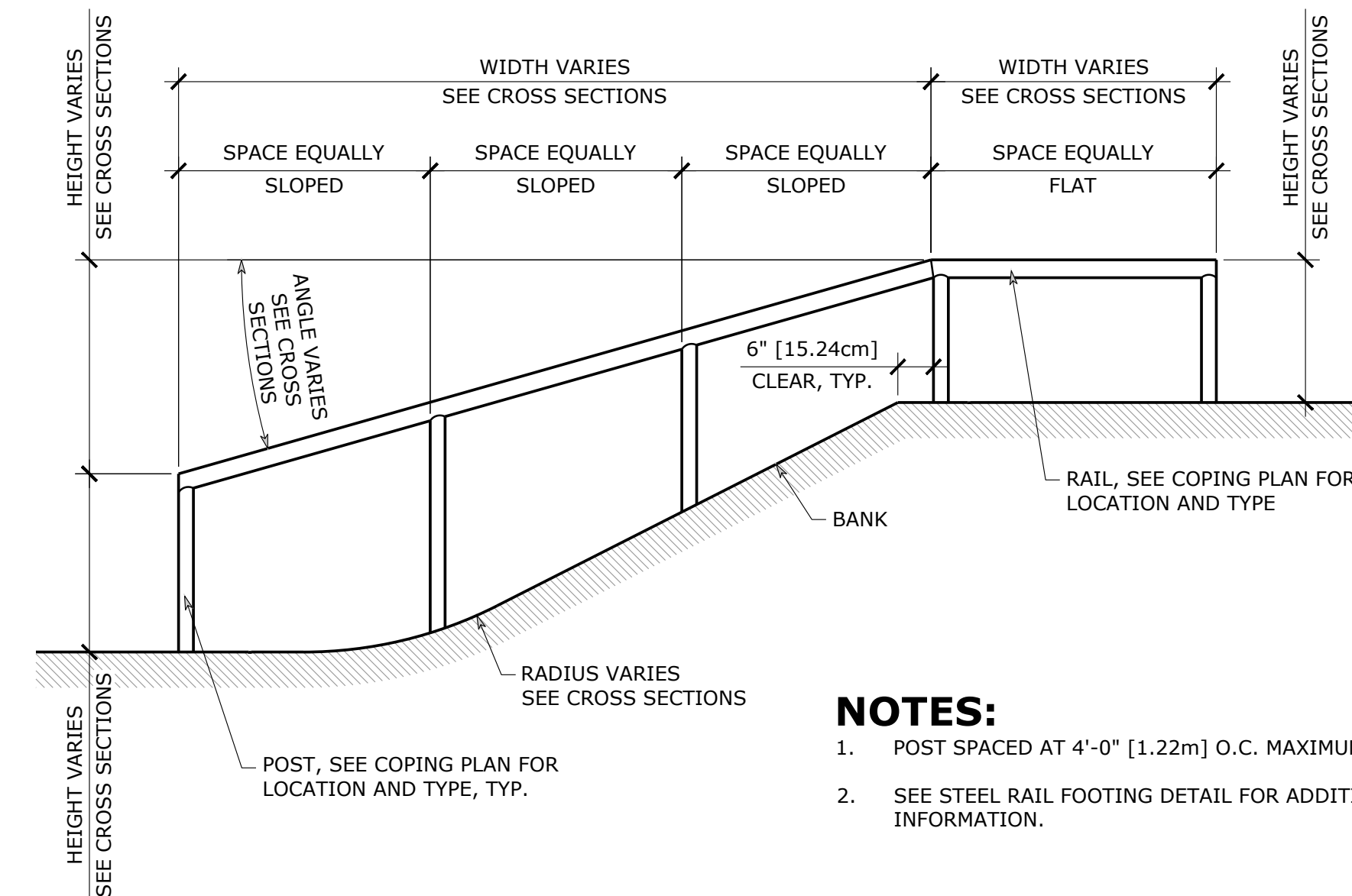
3 STEEL COPING - SQUARE
SCALE: 3" = 1'-0"



4 HUBBA LEDGE COPING
SCALE: 6" = 1'-0"

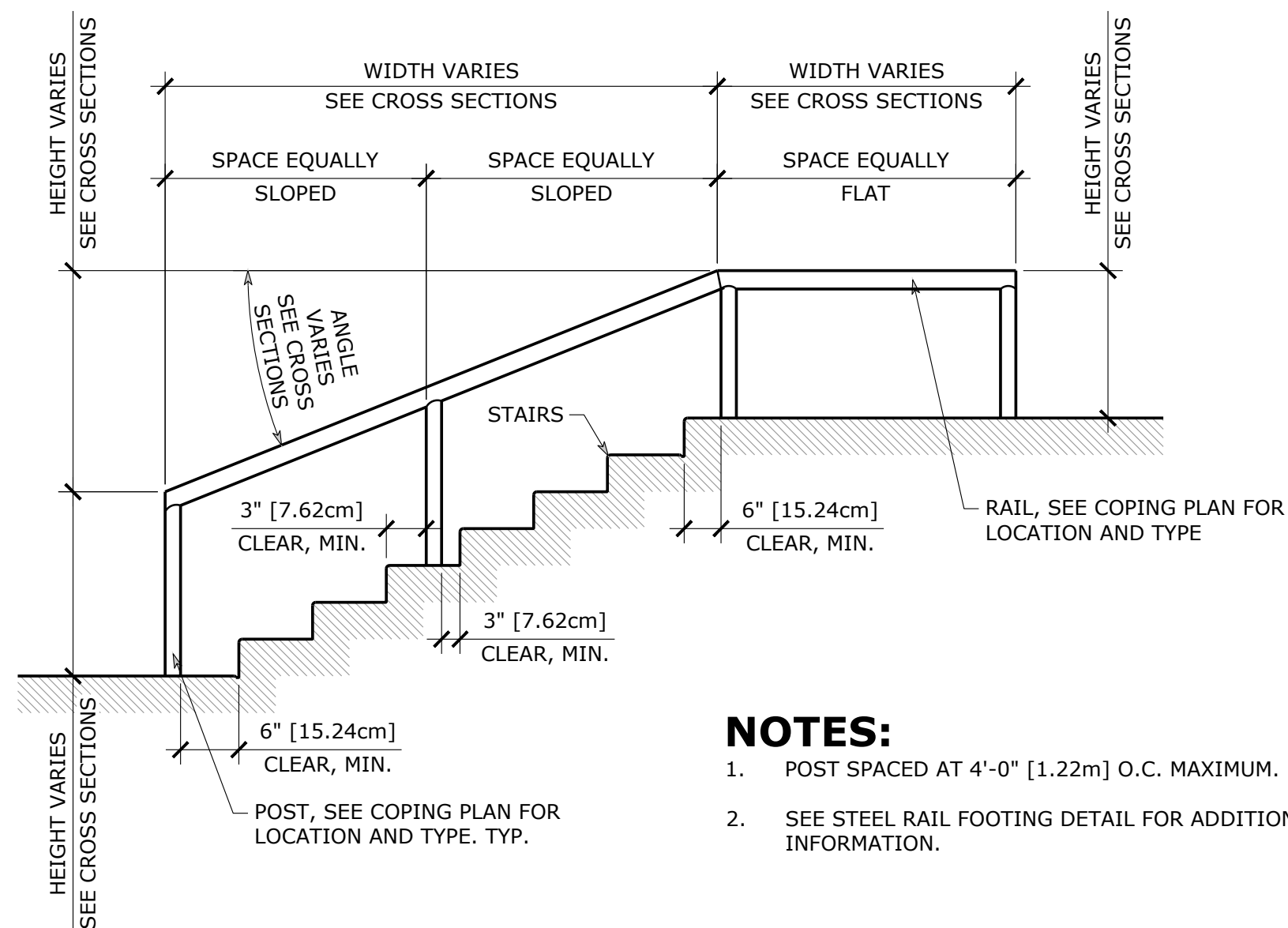


5 STEEL RAIL FOOTING
SCALE: 1" = 1'-0"



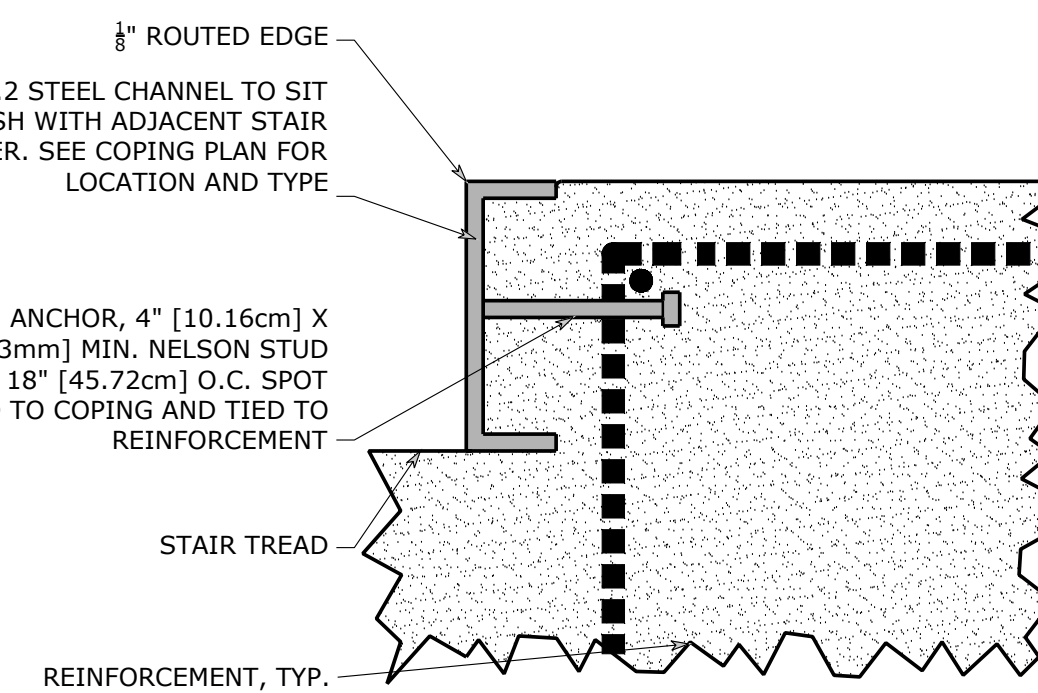
6 STEEL RAIL IN BANK
SCALE: 1/2" = 1'-0"

- NOTES:**
1. POST SPACED AT 4'-0" [1.22m] O.C. MAXIMUM.
 2. SEE STEEL RAIL FOOTING DETAIL FOR ADDITIONAL INFORMATION.

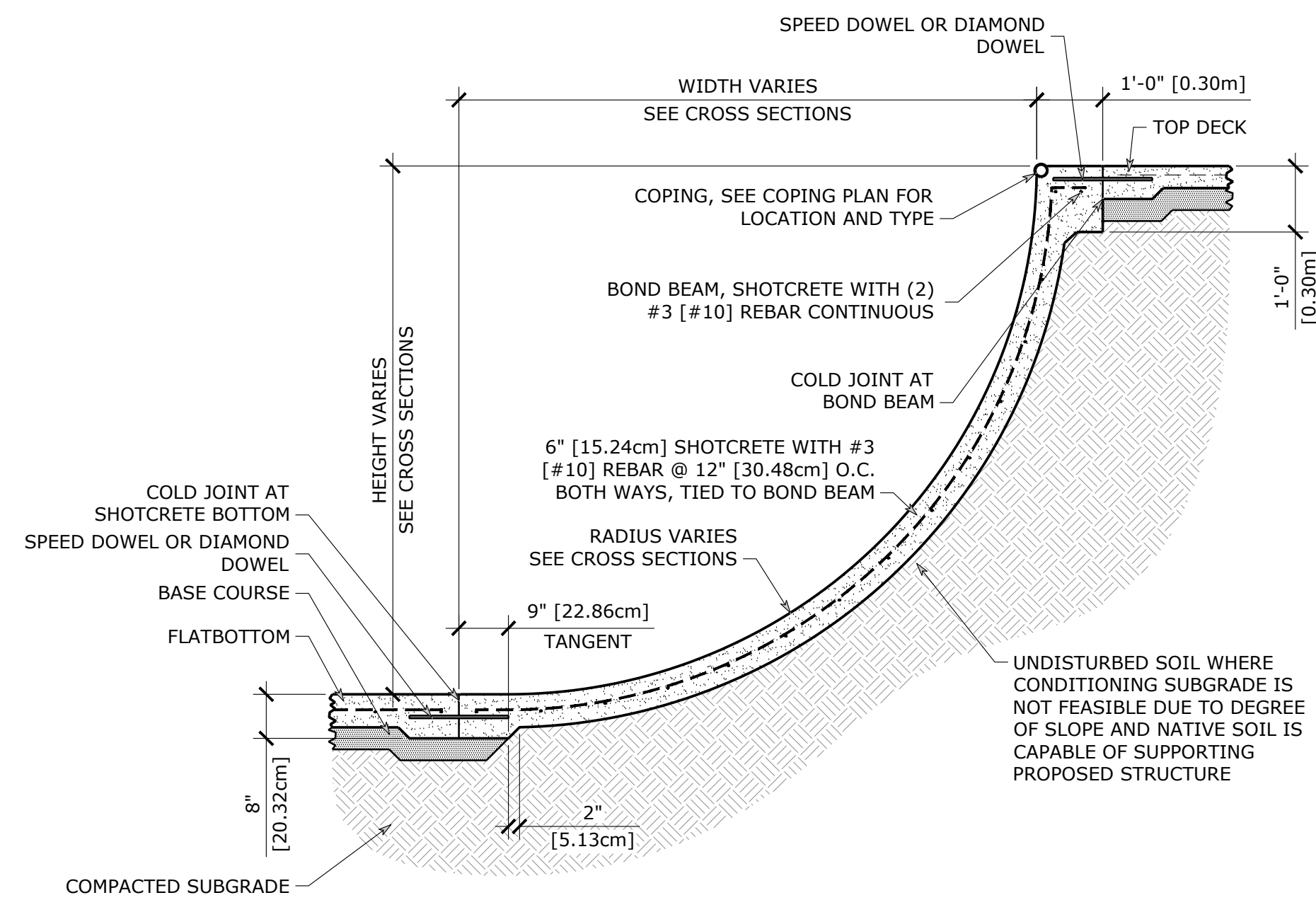


7 STEEL RAIL IN STAIRS
SCALE: 1/2" = 1'-0"

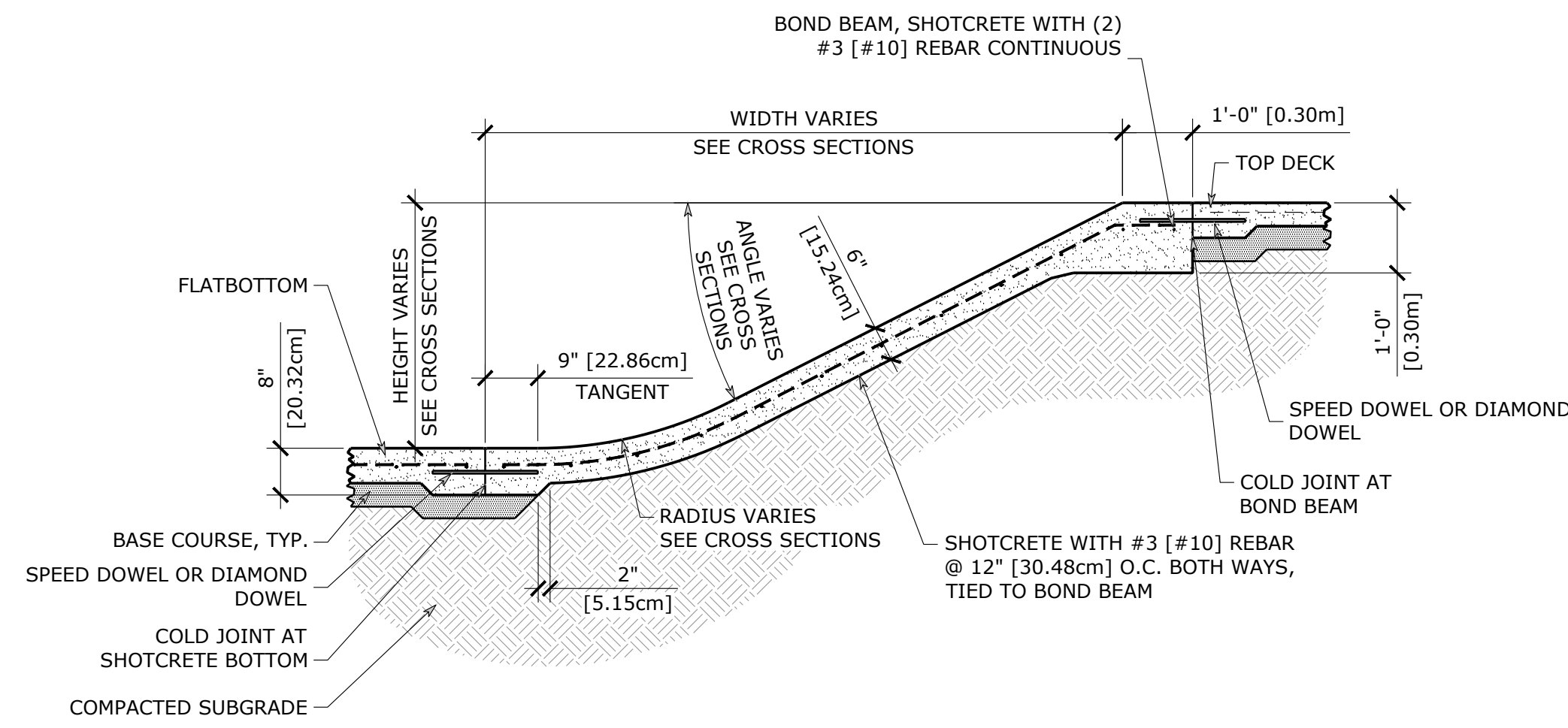
- NOTES:**
1. POST SPACED AT 4'-0" [1.22m] O.C. MAXIMUM.
 2. SEE STEEL RAIL FOOTING DETAIL FOR ADDITIONAL INFORMATION.



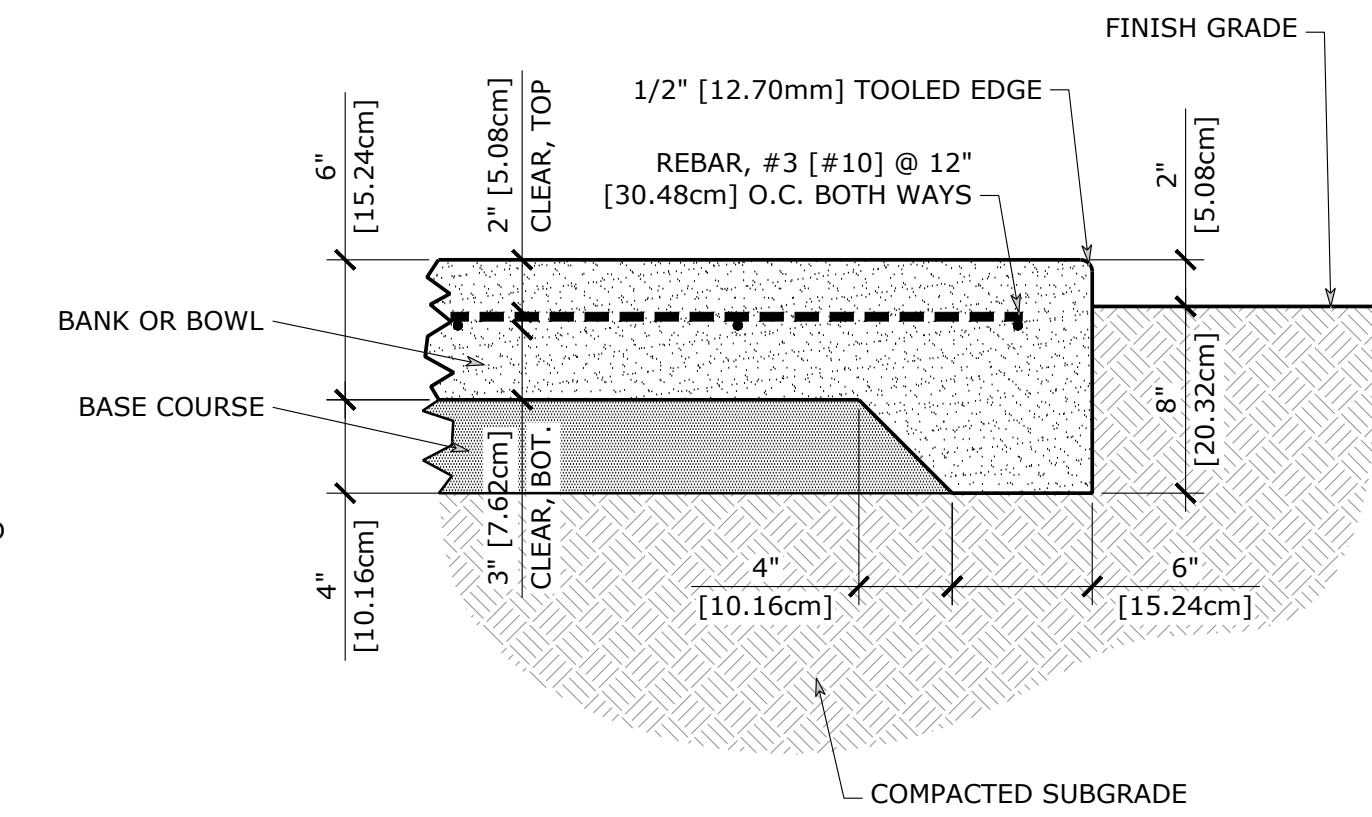
8 STAIR COPING - C6 X 8.2 STEEL CHANNEL
SCALE: 3" = 1'-0"



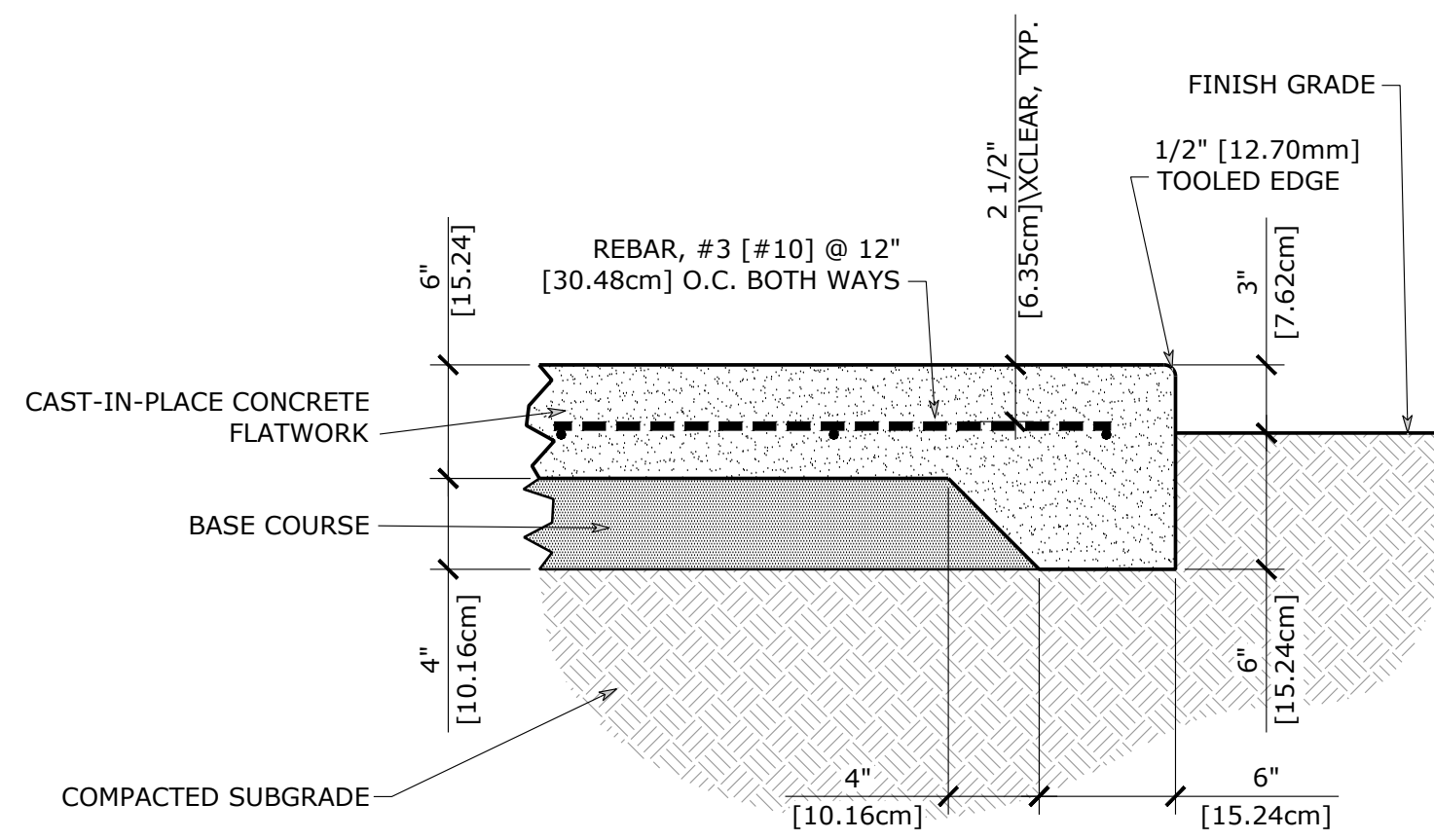
1 SHOTCRETE BOWL
SCALE: 1/2" = 1'-0"



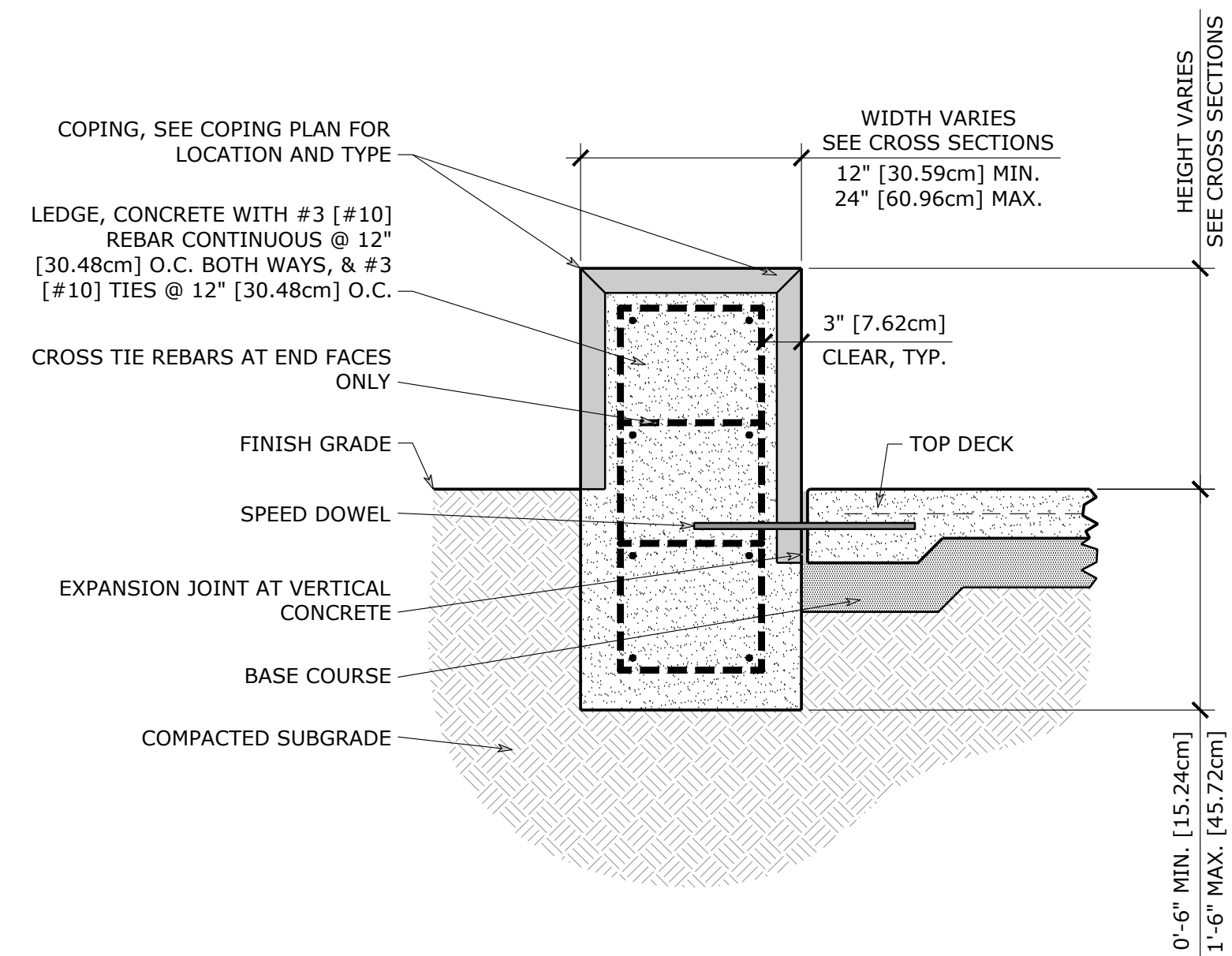
2 SHOTCRETE BANK
SCALE: 1/2" = 1'-0"



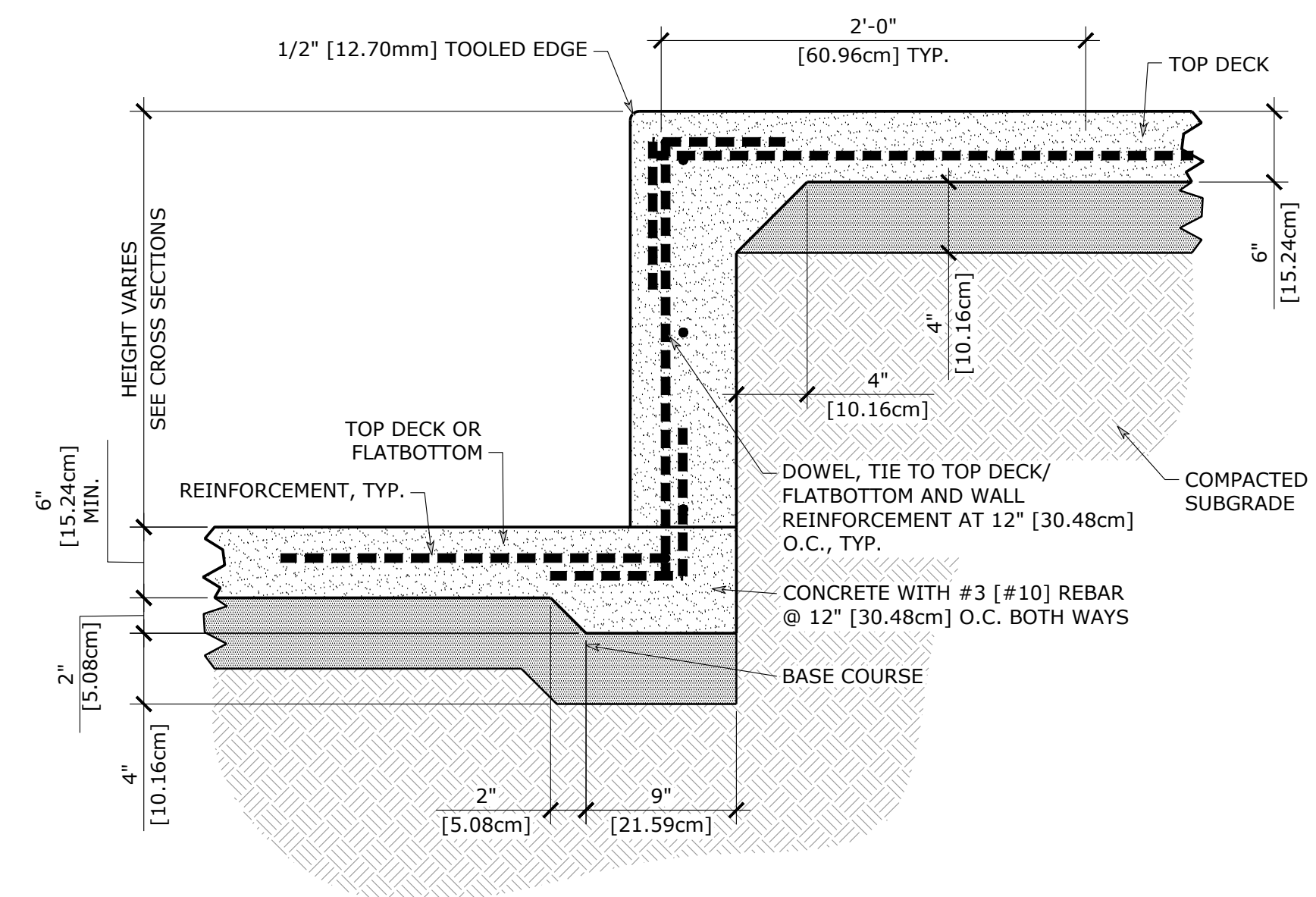
3 SHOTCRETE SECTION
SCALE: 1-1/2" = 1'-0"



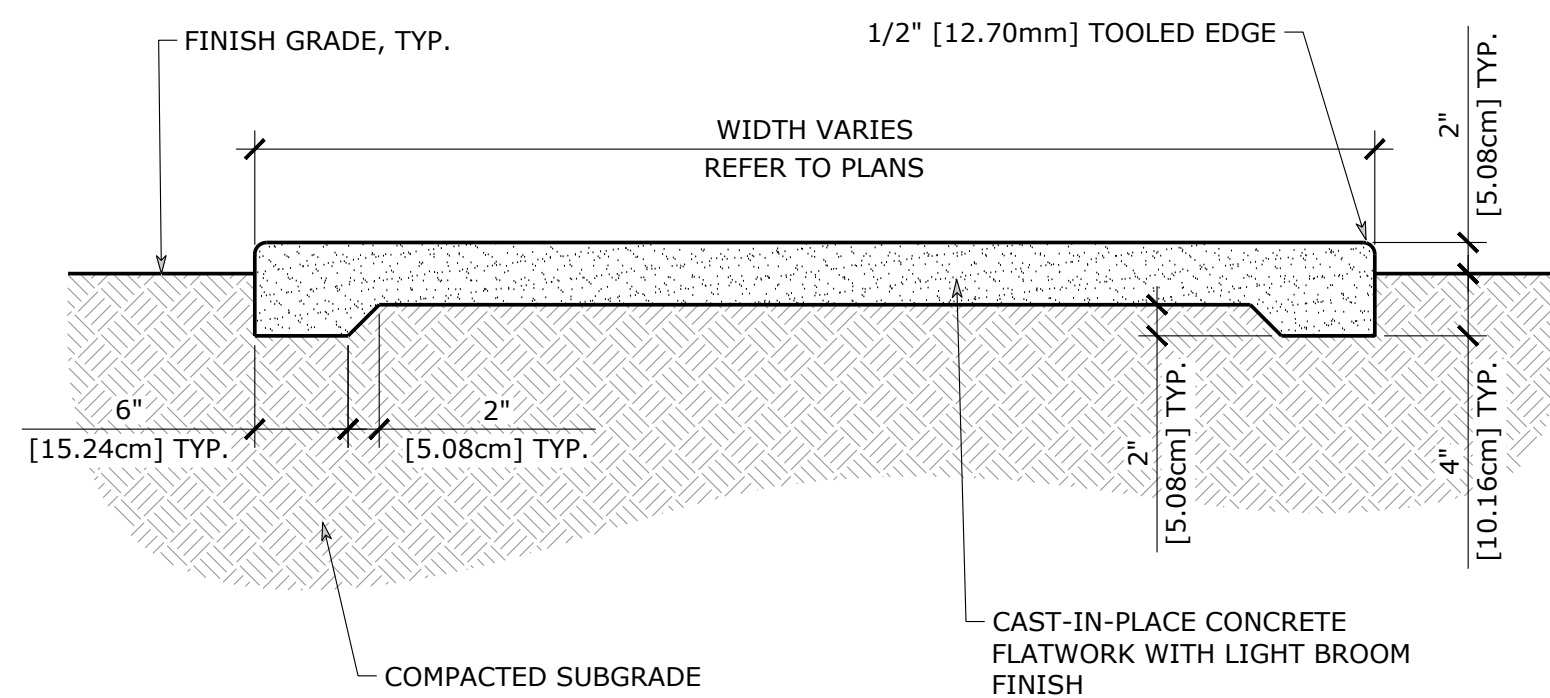
4 CONCRETE TOP DECK SECTION
SCALE: 1-1/2" = 1'-0"



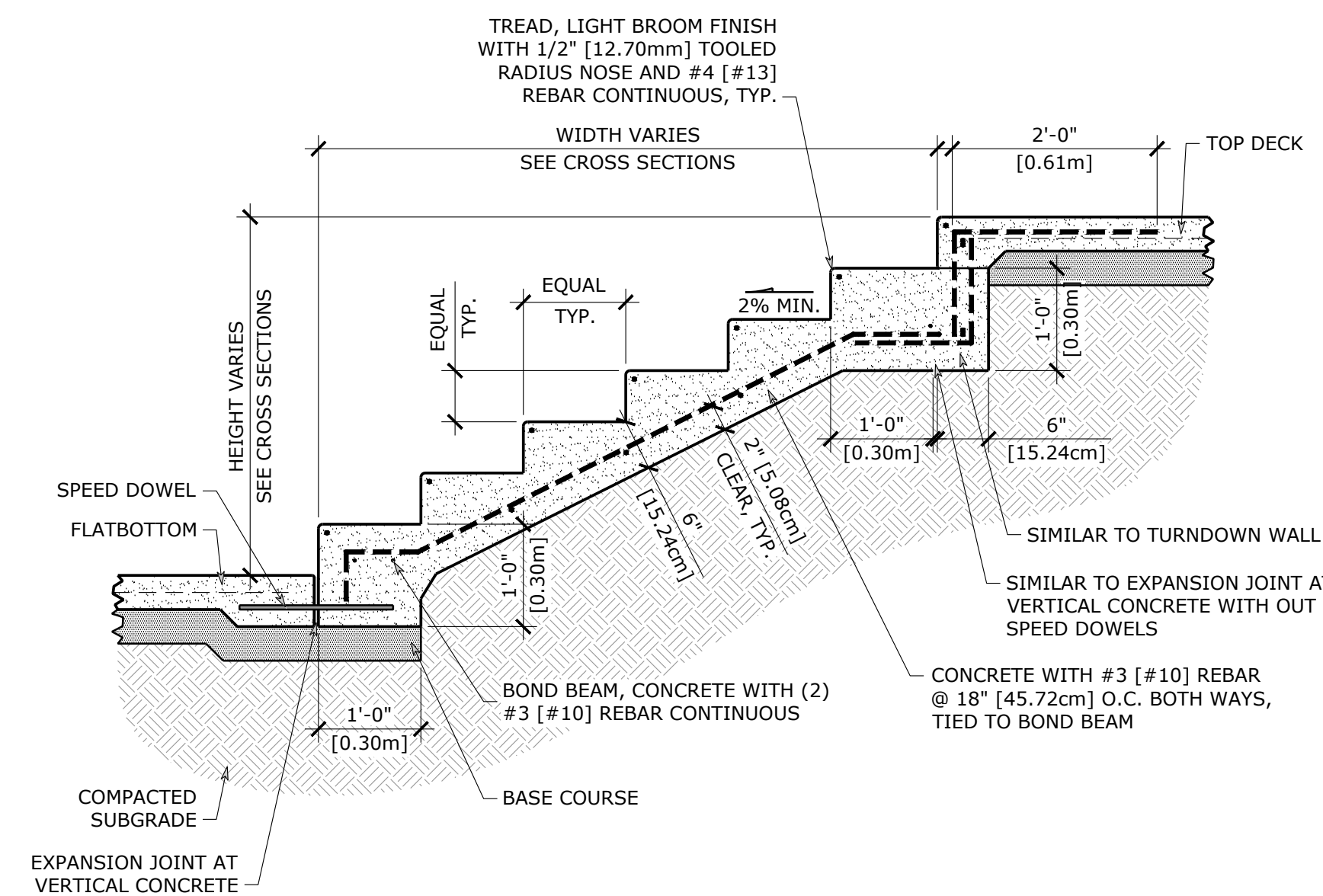
5 CONCRETE GRIND LEDGE - MEDIUM
SCALE: 1" = 1'-0"



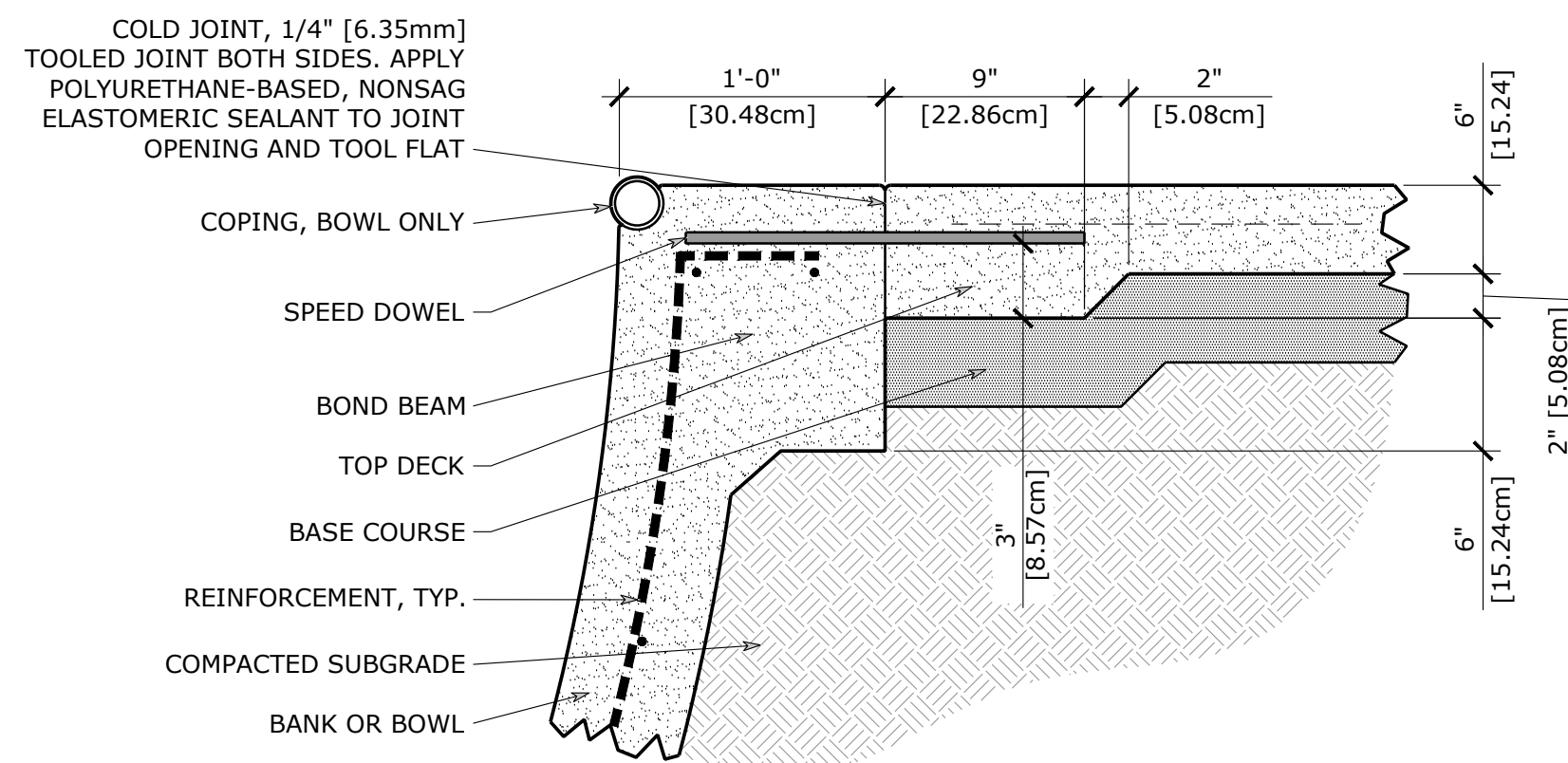
6 CONCRETE TURNDOWN WALL
SCALE: 1-1/2" = 1'-0"



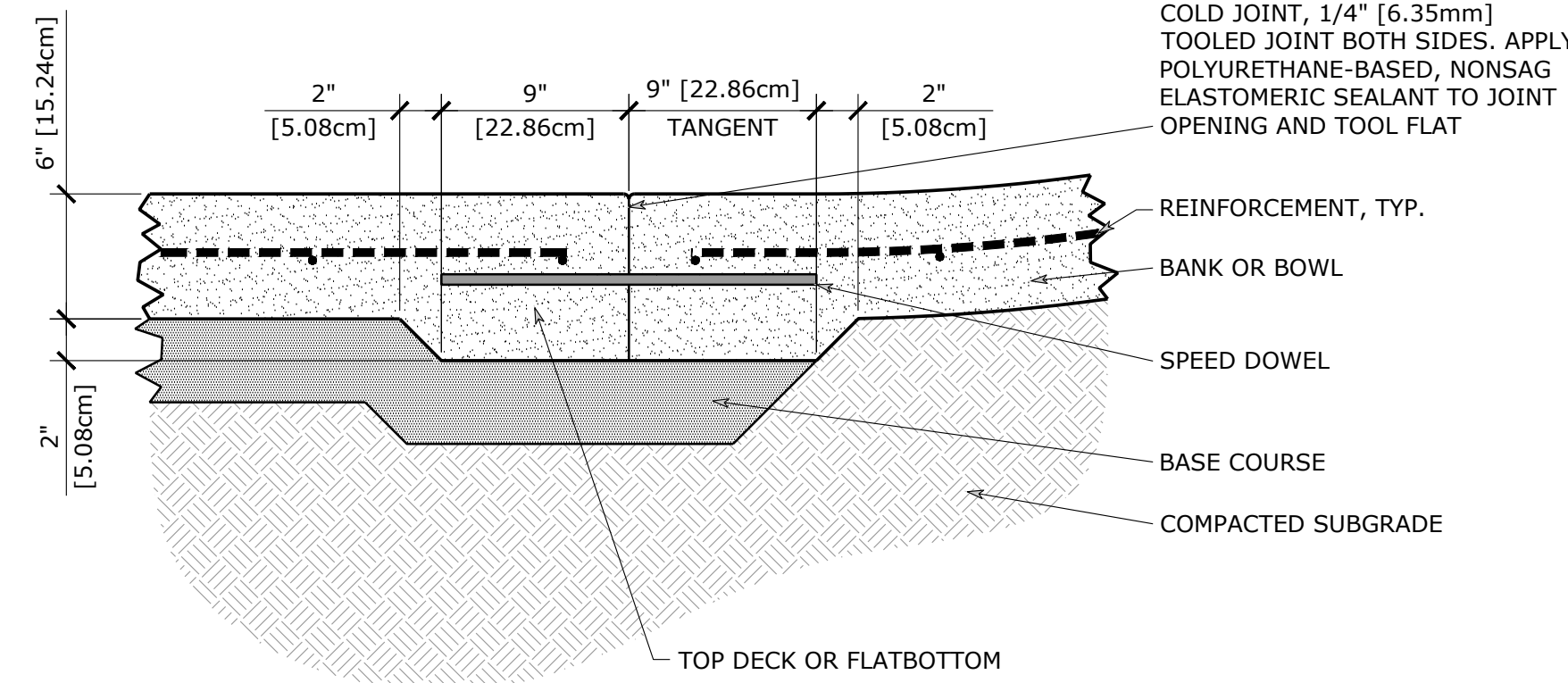
7 CONCRETE SIDEWALK SECTION
SCALE: 1" = 1'-0"



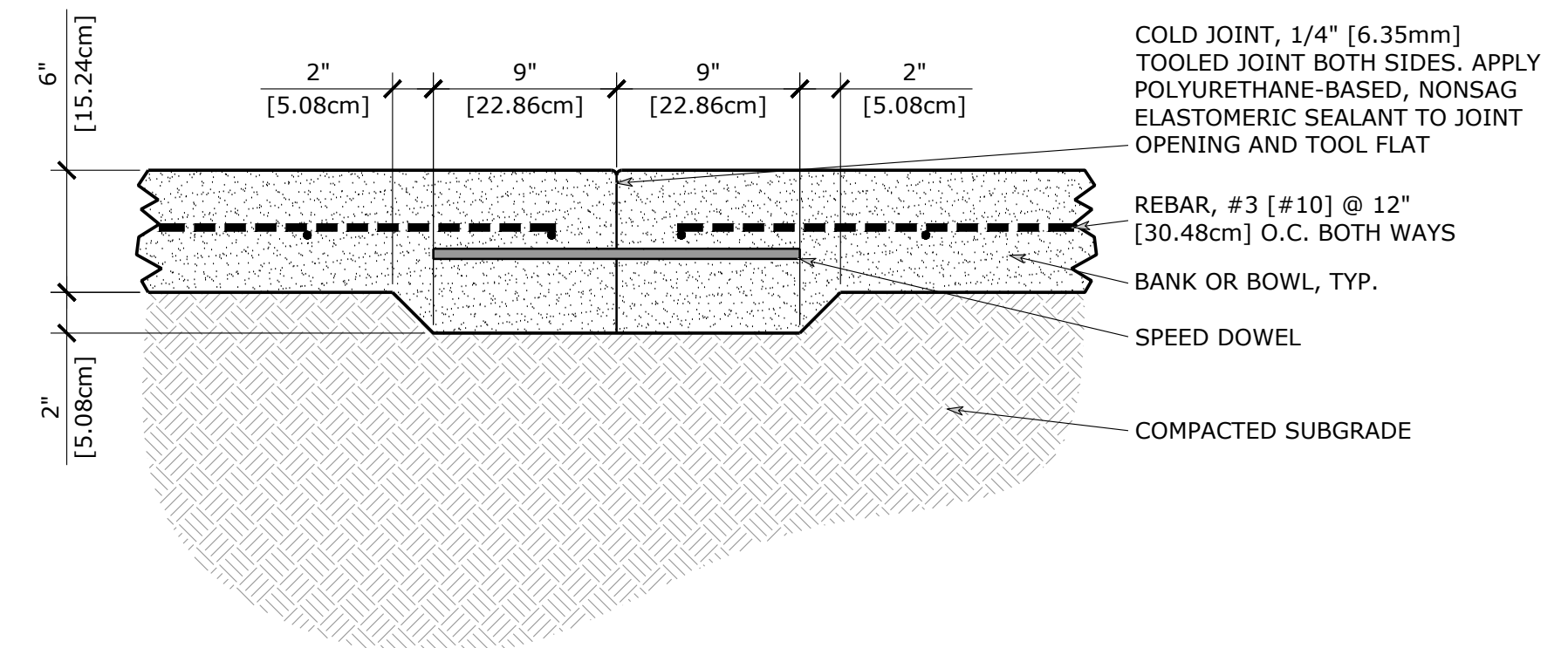
8 CONCRETE STAIRS
SCALE: 1" = 1'-0"



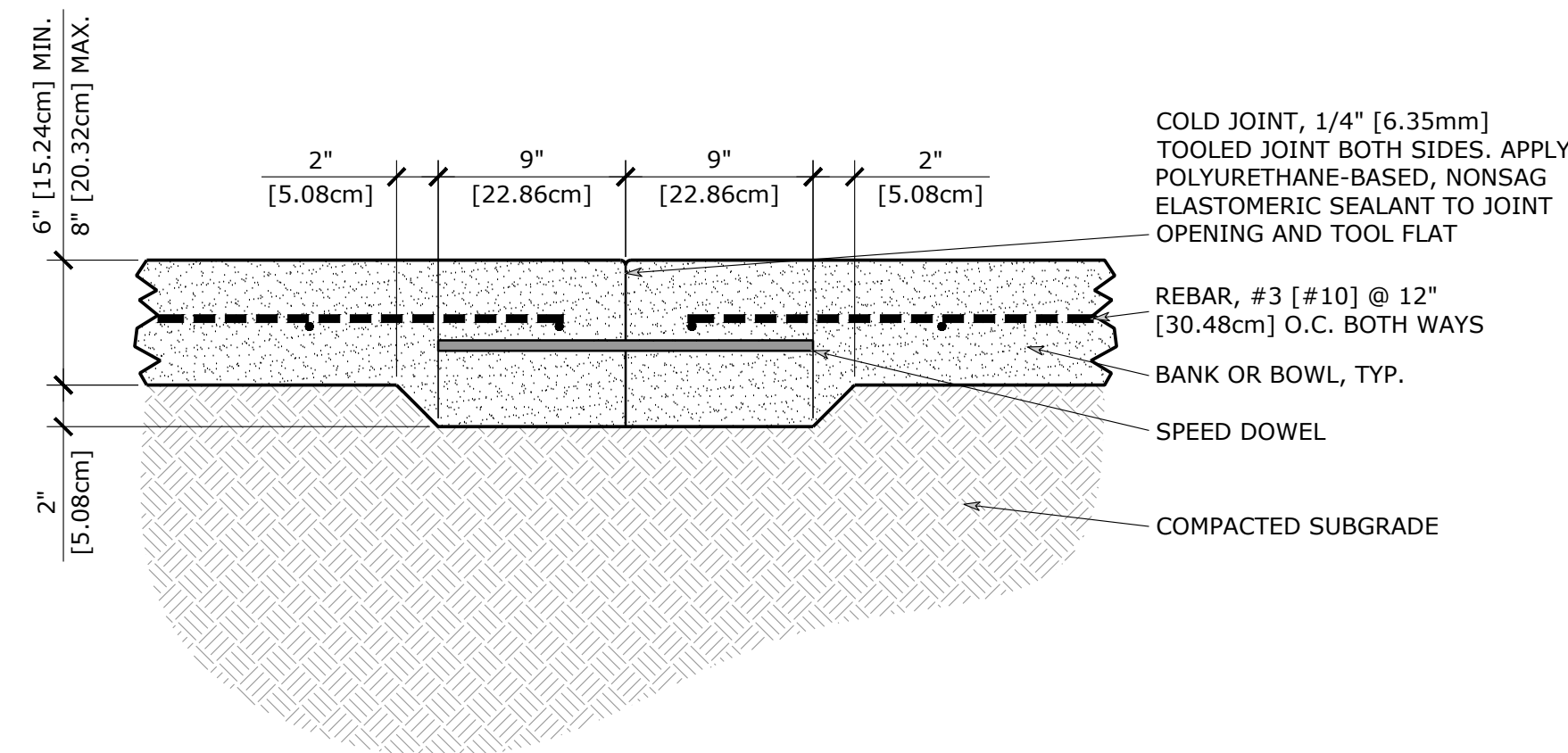
1 COLD JOINT AT BOND BEAM
SCALE: 1-1/2" = 1'-0"



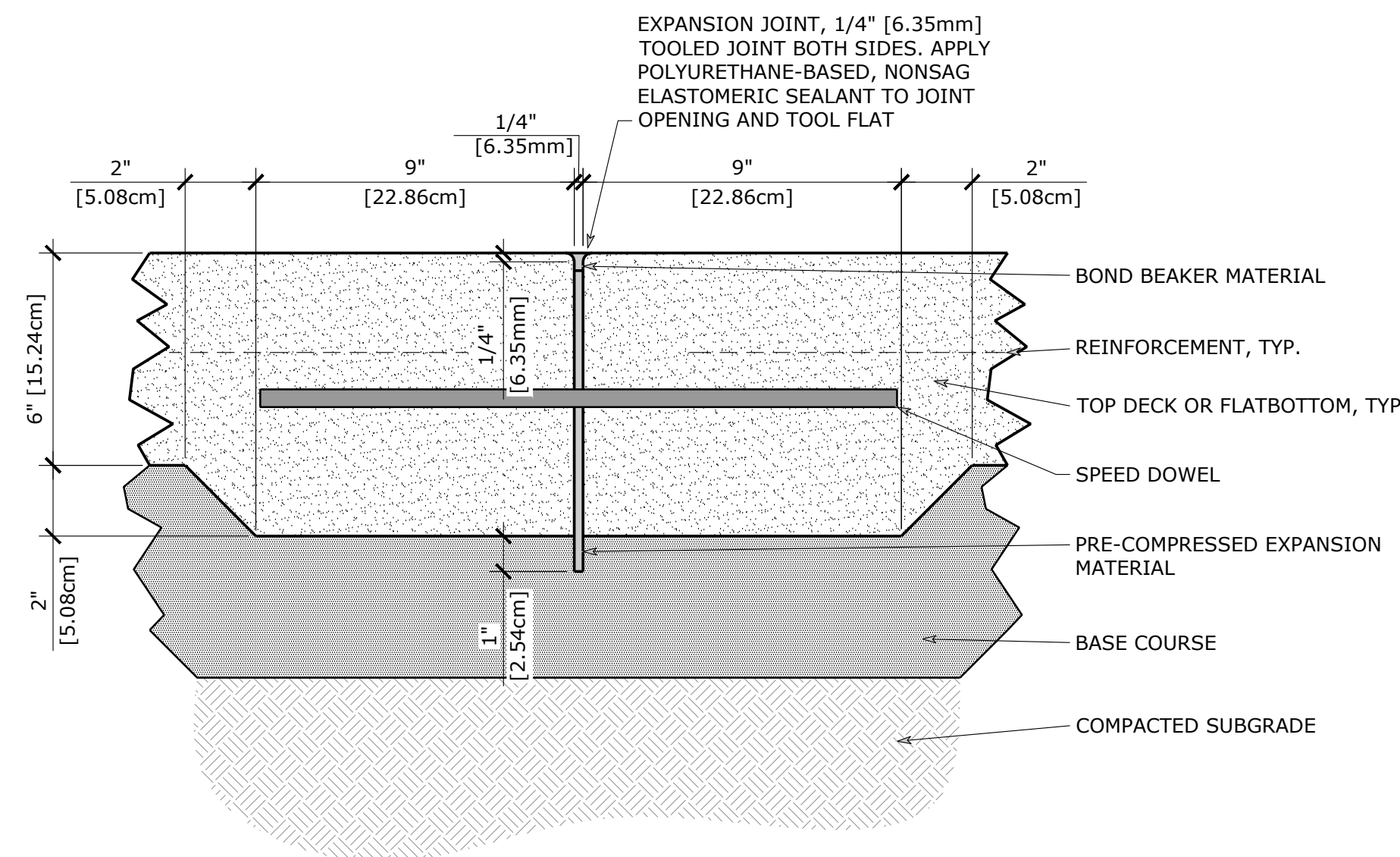
2 COLD JOINT AT SHOTCRETE BOTTOM
SCALE: 1-1/2" = 1'-0"



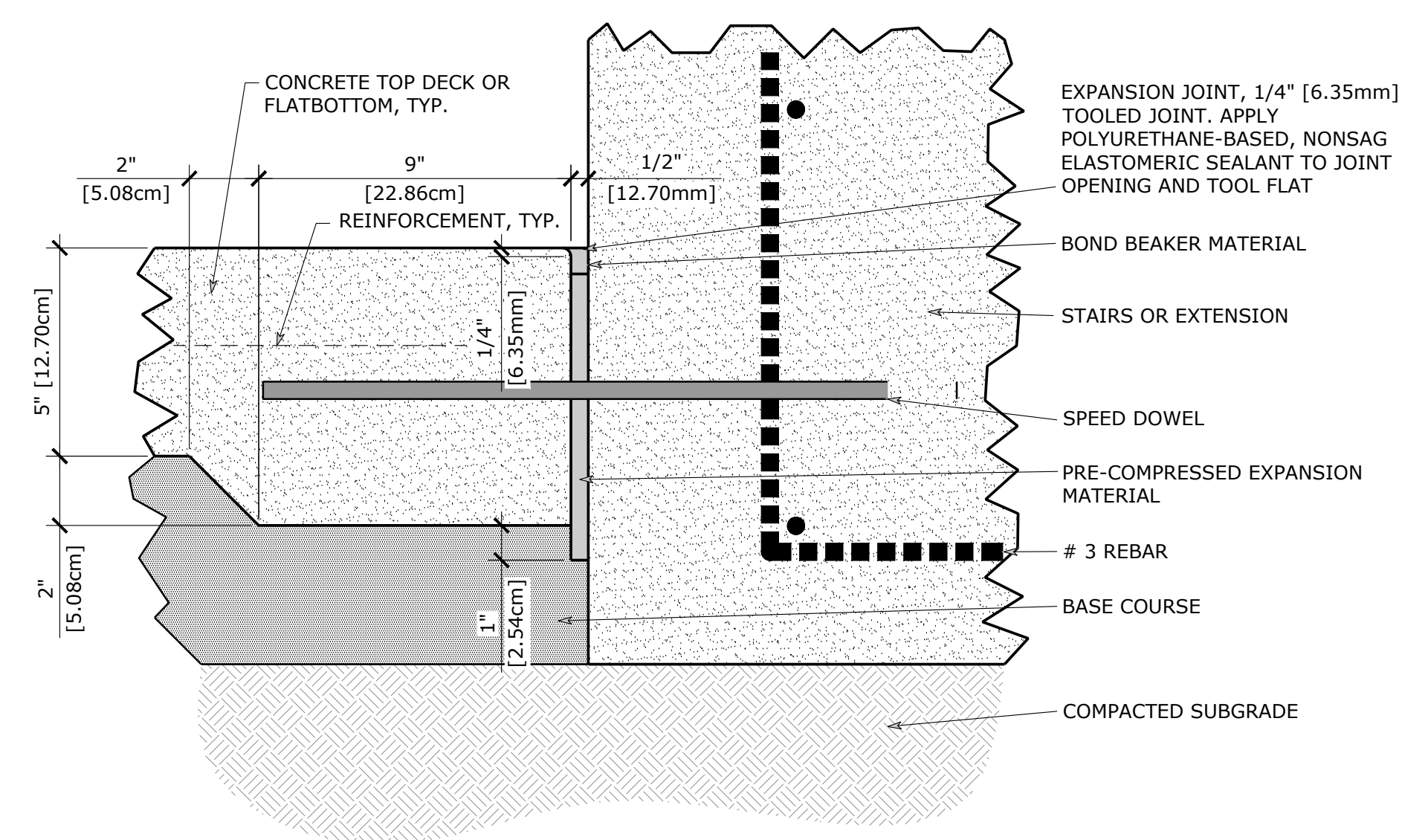
3 COLD JOINT AT MID CONCRETE
SCALE: 1-1/2" = 1'-0"



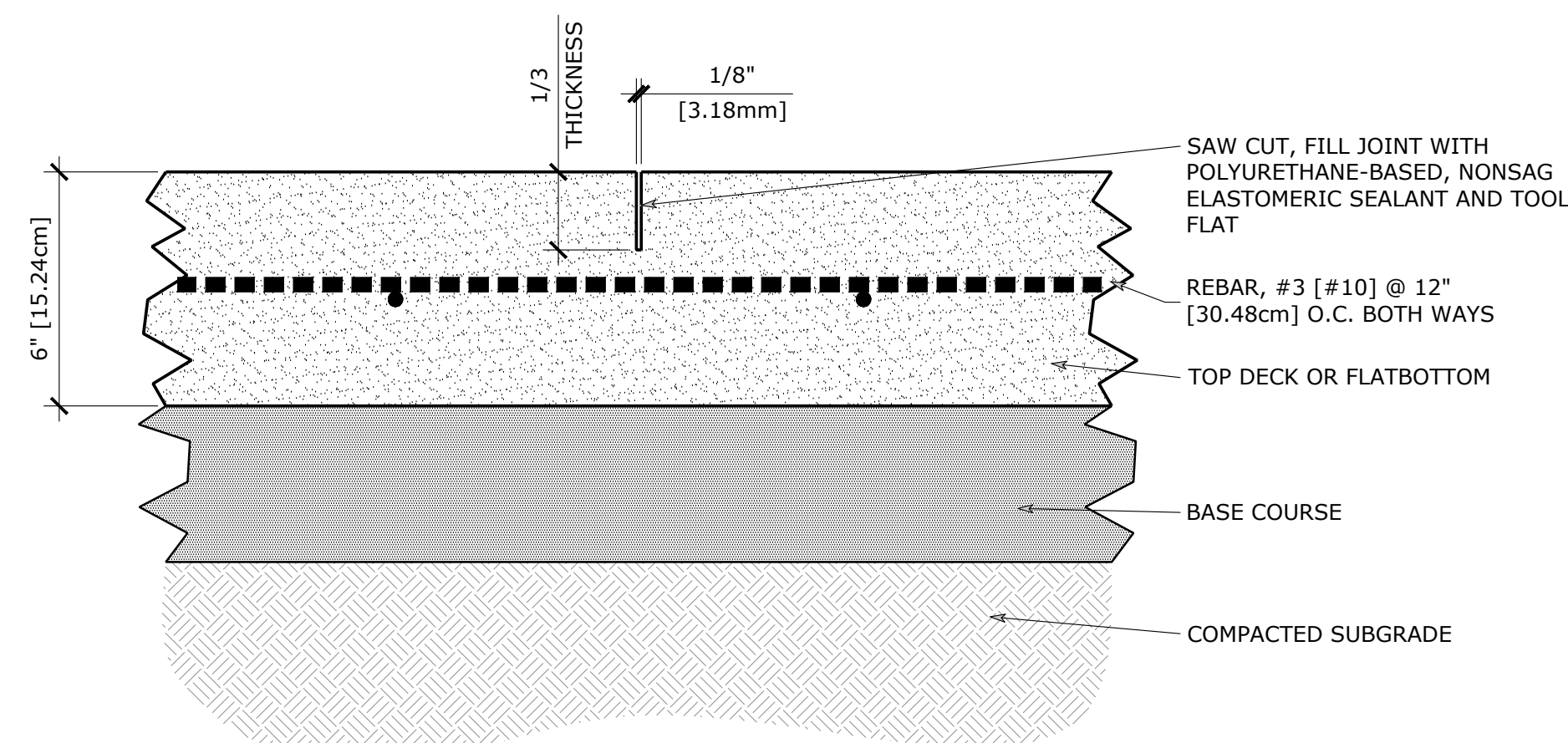
4 COLD JOINT AT MID SHOTCRETE
SCALE: 1-1/2" = 1'-0"



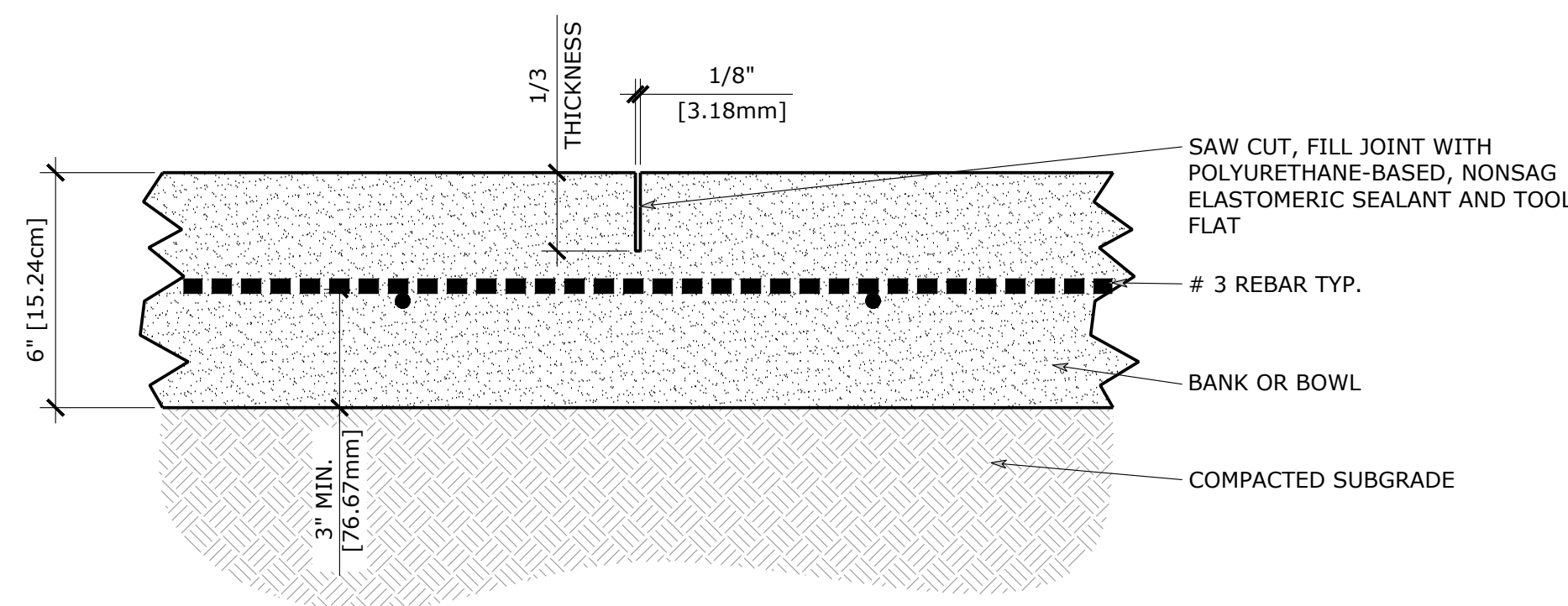
5 EXPANSION JOINT AT MID CONCRETE
SCALE: 3" = 1'-0"



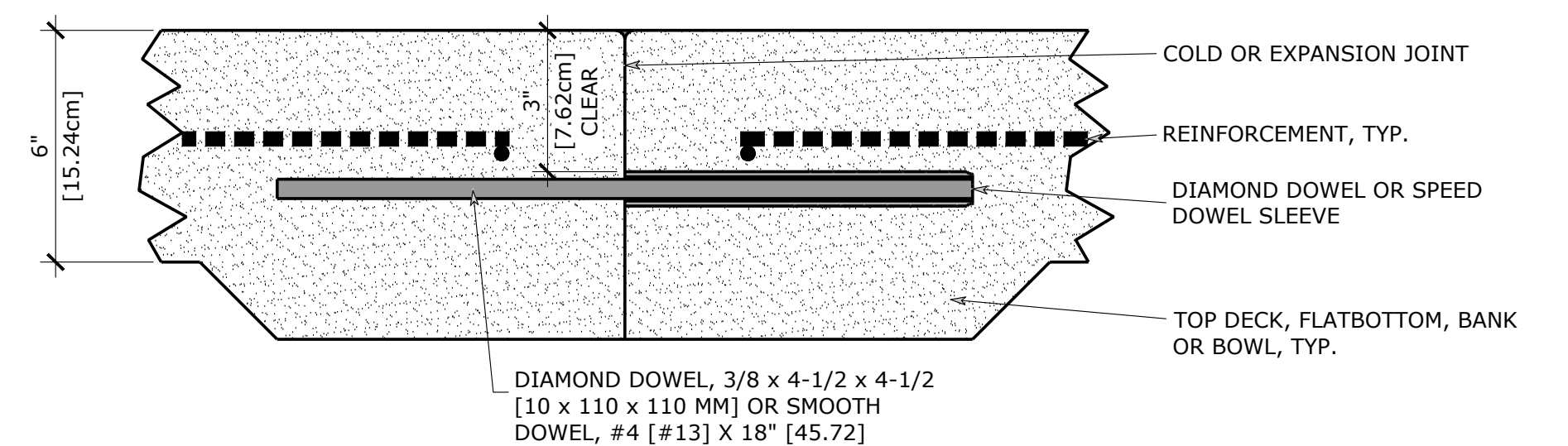
6 EXPANSION JOINT AT VERTICAL CONCRETE
SCALE: 3" = 1'-0"



7 SAWCUT JOINT AT MID CONCRETE
SCALE: 3" = 1'-0"



8 SAWCUT JOINT AT MID SHOTCRETE
SCALE: 3" = 1'-0"



NOTES:
1. SPEED DOWELS OR DIAMOND DOWELS SHALL BE LOCATED AT 1'-6" [0.46m] O.C. ALONG JOINT.

9 SPEED DOWEL
SCALE: 3" = 1'-0"

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DRAWN: PILLAR TEAM
PROJECT #: 20-2020
DATE: 01/18/23

KEVIN PEARE MEMORIAL SKATEPARK
CONWAY, NEW HAMPSHIRE
SHEET TITLE:
CONSTRUCTION DETAILS