



ADDENDUM NUMBER ONE (1)
DATE: 05/04/2026

Project: ValloonPark Improvements 2026 Owner: City of Valdosta, Georgia

Opening Date and Time CHANGED TO: 05/19/2026 - 2:00 pm

BID OPENING IS EXTENDED TO TUESDAY, MAY 19, 2026 AT 2:00PM IN THE CITY OF VALDOSTA ENGINEERING OFFICES.

With Bid Opening extended, questions will be accepted by the owner through close of business – 5pm – on Wednesday, 5/13/2026. Please submit questions by email to chclark@valdostacity.com & agermain@valdostacity.com

The Prebid Minutes and Attendance Sign-In Sheet are issued with this Addendum.

Questions and responses from Prebid Meeting:

- Is staging allowed on site? Yes.
- What is schedule of events at Valloton Park during the construction period? VLPRA has been asked for a schedule of events, and this will be provided in a follow up Addendum as soon as available.
- Questions regarding Gametime' playground equipment: Is quote still valid? What are requirements for storage of equipment/materials? See below – playground acquisition is being handled independently of this contract, therefore these questions no longer apply.

Modifications to Bidding Documents:

- UCS/Bid Form revision - The playground component has been removed from the contract, and the Unit Cost Schedule/Bid Form is modified accordingly. The successful bidder will grade the playground area and must coordinate work to allow the playground vendor access to the site for construction. Grading of playground area shall provide a planar surface of uniform slope so that finished surface is +/- equal to adjoining natural ground; cut depths are 0" to 12". Header curb and fencing in the playground area remains in the contract. A revised Proposal Form is included.
- ARPA special provisions have been added to the Special Provisions section of the bidding/contract documents. See attached, pages 3 through 8.
- Skate Park 90% Construction Plans were received by the City on 5/1/2026, and are attached.

This Addendum also will be posted on the City of Valdosta website for Bid Opportunities.

Submitted,

Charlie Clark, P.E. – Engineering Services Manager



ENGINEERING DEPARTMENT

PRE-BID MEETING MINUTES

Project: Valloton Park Improvements 2026

Date/Time: 04/21/2026 - 10:00am

1. This is the mandatory pre-bid for this project. Firms in attendance comprise the bidders for this project. Attendance roster, meeting notes, and associated additional information will be distributed to those in attendance in Addendum #1.
2. Bid Opening is currently advertised for 05/07//2026 at 10:00 am in the Valdosta Engineering Department. The Bid Opening will be extended, and Addendum #1 will provide the new Bid Openine Date and Time. Bids will be presented to City Council on May 21, 2026.
3. Scope of work: The work consists of the replacement of the chain link fence and dugouts for 7 ball fields, the milling and resurfacing of the parking lot, construction of a skate park, and a new fitness playground.
4. Alternate Bid Items: There is an additive alternative line item for installing a new surface on the existing basketball court.
5. Schedule for work is 90 days. Liquidated damages are \$500 per day; this is high for a project this size due to the Grant schedule requirements. All payment requests for the City (from the Grant) must be completed by December 31, 2026. All construction invoices must be received by the City of Valdosta by October 31, 2026.
6. This will be a Unit Price Contract, and payments will be made on a monthly basis with payment to be based on actual quantities of work measured. There are some contingency line items which will be used as directed by the Owner.
7. Funding and special requirements: See #5 above.
8. Plans and Bid Package is available online at the City of Valdosta website (Bid Opportunities) and the project is listed on the Georgia Procurement Registry.
9. Allowable work hours are 8am to 6pm for Monday through Friday, and 9am through 4pm on Saturday due to the surrounding residential neighborhoods.
10. The contractor is responsible for playground equipment purchase and installation.

11. A General Contractor's license is required for the successful bidder/contractor.
12. The successful bidder/contractor is responsible for pulling any required local Building Permit.
13. With Bid Opening extended, questions will be accepted by the owner through close of business – 5pm – on Wednesday, 5/13/2026.
14. Questions :
 - a. Is staging allowed on site?
 - b. What is schedule of events at Valloton Park during the construction period?
 - c. Questions regarding Gametime' playground equipment:
 - i. Is quote still valid?
 - ii. What are requirements for storage of equipment/materials?

The meeting ended at approximately 10:15am.

Submitted by: Charlie Clark, P.E.
Engineering Services Manager

PRE-CONSTRUCTION MEETING ATTENDANCE ROSTER

Project: **VALLOTON PARK IMPROVEMENTS – FY26**

Date: 04-21-2026

Time: 10:00 a.m.

Location: City of Valdosta Engineering Dept, 300 N Lee Street, Valdosta, GA

<u>Name</u>	<u>Company & E-mail Address</u>	<u>Telephone Number</u>
<u>Chris Watson</u>	<u>Bean Team Construction</u> <u>christopher.watson@</u> <u>thebeanteam.com</u>	<u>478-221-7227</u>
<u>MIKE COLEMAN</u>	<u>ARTESIAN CONTRACTING</u> <u>mcolemano</u> <u>ARTESIANCONTRACTING.COM</u>	<u>229-881-6550</u>
<u>Justin Stone</u>	<u>Stone Associates, Inc.</u> <u>jstone@stoneassoc.com</u>	<u>229-244-6709</u>
<u>Louis Rumph</u>	<u>Standard Contractors Inc</u> <u>scivg/dosta@gmail.com</u>	<u>229 251 2404</u>
<u>Brandon Dean</u>	<u>Standard Contractors Inc</u> <u>scibdean@gmail.com</u>	<u>229-375-8589</u>
<u>Denise Jackson</u>	<u>Quillian Powell Construction</u> <u>vinny@quillianpowell.com</u>	<u>229-245-0838</u>
<u>Brock Hammond</u>	<u>The Scruggs Company</u> <u>chammond@scruggscompany.com</u>	<u>229-242-2388</u>
<u>Tom Bengson</u>	<u>PlaySouth Playground Creators</u> <u>Tom@playsouth.net</u> <u>Rames + Son Construction</u>	<u>(770) 823-8487</u>
<u>Ben Nelson</u>	<u>Company, Inc.</u> <u>bnelson@ramsesandson.com</u>	<u>(229) 244-9286</u>
<u>Justin Sims</u>	<u>Sims Fence Co</u> <u>simsfco@msn.com</u>	<u>229-245-9697</u>

PROPOSAL

TO: City of Valdosta, Lowndes County, Georgia

All interested parties:

In compliance with the advertisement for bids, the undersigned, hereinafter called the Bidder, proposes to enter into a contract with the City of Valdosta to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and all necessary labor to complete the construction of the work stipulated herein in full, and in complete accord with the shown, noted, described, specified and reasonably intended requirements of the Specifications, Drawings, and Contract Documents to the full and entire satisfaction of the Owner.

The Bidder has carefully examined and fully understands the contract, plans, specifications and other documents hereto attached and has made a personal examination of the site of the proposed work and hereby agrees that if his proposal is accepted, the Bidder will contract with the City of Valdosta in compliance with the specifications.

The Bidder acknowledges that each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item; the Bidder acknowledges that the estimated quantities are not guaranteed, and are for the purpose of comparison of Bids; and the Bidder acknowledges that final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

Bidder will perform the following Work at the indicated unit prices:

The rest of this page intentionally left blank.

See next page for unit cost schedule.

UNIT COST SCHEDULE - BIDDER'S FORM

CITY OF VALDOSTA, LOWNDES COUNTY, GEORGIA

addendum

add.#1

ITEM NO.	DESCRIPTION	QUANTITY	UNIT		UNIT PRICE		TOTAL COST
1	Mobilization, bonds, temp facilities	1	LS	\$		\$	
2	<i>deleted</i>	-	-				
3	Existing Fence and Dugout Removal	1	LS	\$		\$	
4	24' Backstop Fencing	480	LF	\$		\$	
5	12' Fencing	1412	LF	\$		\$	
6	6' Fencing with protective cover	4896	LF	\$		\$	
7	3' Swing Gate	28	EA	\$		\$	
8	12' Double Swing Gate	7	EA	\$		\$	
9	Dugouts (utilizing existing concrete slabs)	14	EA	\$		\$	
11	Foul Pole Prep and Painting	14	EA	\$		\$	
12	Asphalt Milling	12398	SY	\$		\$	
13	9.5MM Superpave Asphalt	1023	TN	\$		\$	
14	GAB Base Repair	10	TN	\$		\$	
15	Skate Park	1	LS	\$		\$	
16	Permanent Grassing (Grassing Complete)	1	LS	\$		\$	
17	Silt Fencing, non-sensitive - includes installation, maintenance, and removal (contingency item to be used as directed by owner)	200	LF	\$		\$	
18	Construction Exit, erosion & sedimentation control Best Management Practice - includes installation, maintenance, and removal (contingency item to be used as directed by owner)	1	EA	\$		\$	
19	Concrete Slab On-Grade, 3000 psi concrete with reinforcing fiber (contingency item to be used as directed by owner)	5	CY	\$		\$	

add.#1

Base Bid Total =

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A-1	ADD ALT. #1: New Slab in Dugouts. Only includes additional cost to item # 9	14	EA	\$		\$	
A-2	ADD ALT. #2: New Foul Poles. Only includes additional cost to item 10, existing foul poles will be removed instead of painted.	14	EA	\$		\$	

In case of discrepancies between figures in the unit prices and the total, the unit price shall apply.

It is understood and agreed that the quantities listed in this proposal are approximate only and are intended principally to serve as a guide in comparing bids and may be increased without invalidating the unit costs.

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this proposal or the contract to be entered into as principles, are named herein; and this proposal is made without connections with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

Failure to properly acknowledge any Addendum shall result in a declaration of non-responsiveness and disqualify the bid. Receipt of the following addenda is acknowledged:

Addenda Number	Date
<u>1</u>	<u>05/04/2026</u>
_____	_____

The full names and addresses of persons or parties interested in the foregoing bid as principles are as follows:
Company & Address:

Date: _____

Signature

Signature

General Contractor's License # _____

END OF SECTION

SPECIAL PROVISIONS

(Addendum #4 – revised 04/30/2026)

Location of Work: The location of the work is in Scott Park in the City of Valdosta, GA, 1101 Old Statenville Road

Description of Work: The work consists of the installation of a new basketball court, three pickleball courts, a new accessible playground and kids fitness playground, and paving the parking lot along with all related work.

Schedule of Work: The Contractor shall submit a schedule of work to the City Engineer's office before construction begins. Times of construction shall be 8:00 AM to 6:00 PM Monday through Friday and 9:00 AM to 4:00 PM on Saturday.

Clarifications and Special Conditions:

1. In addition to the Pre-Construction Meeting, the Contractor shall establish a regular schedule for bi-weekly project status meetings with City Engineering Department staff.

Notice to Proceed: Upon written notice by the City Engineer, work will begin immediately.

Time of Contract: The Contractor shall start upon notice to proceed by the City Engineer and shall have **105 consecutive calendar days** to complete the work. In the event the Contractor shall not complete the work within the time limit, or extended time limit agreed upon, **liquidated damages shall be paid to the Owner at the following rate of \$500.00 per day.**

Construction Standards: All construction shall be in accordance with the latest edition of the City of Valdosta Standard Specifications for Water and Sewer Construction, the City of Valdosta Land Development Regulations, and the latest edition of the Georgia DOT Standard Specifications Construction of Transportation Systems.

Accident Prevention: Precautions shall be exercised at all times for the protection of persons (including employees) and property, and hazardous conditions shall be guarded against or eliminated. The foregoing shall be as indicated by the Engineer if it becomes necessary.

Use of Premises: The Contractor shall confine his work, the storage of materials, and the operation of his workmen to the limits developed by laws, ordinances, permits or directions of the Engineer and shall not unduly encumber the premises with his materials.

Permits: The Owner shall obtain the necessary easements and permits for construction across public and private property, streets, etc.

The Contractor shall abide by all rules, regulations, and requirements of the Owner of such property in regard to the construction under the contract including the giving of notices, provisions for inspection, and employment of such methods of construction as may be required. Whenever additional costs are incurred due to such requirements, all such costs shall be included in the prices bid. No additional compensation will be allowed for such costs after award of the contract.

Work by City and Utilities: The Contractor shall be responsible for complying with the City requirements and shall pay for all required work in connection therewith whether performed by himself, the City, Utility Companies, or others.

Materials Furnished: All materials necessary under this contract and items listed in the proposal will be furnished and installed by the Contractor unless otherwise specified.

Delivery of Materials: The Owner will not be responsible for delays in delivery of materials. No extra compensation will be allowed because of resulting expense. This also refers to items not listed in the proposal and may be termed as extra work which may be added on the project site by the Engineer.

Moving Materials: If it becomes necessary at any time during the construction to move materials which are to enter into the construction, which materials have been temporarily placed, the Contractor or subcontractor shall, when so directed by the Engineer move them or cause them to be moved without additional cost to the Owner.

Salvaged Materials: The Owner shall have the right of first refusal for any salvaged materials as a result of demolition on the project.

Owner's Option: In all cases where the choice of more than one make or style of material is specified, the final selection of material rests with the Owner. Where any difference occurs in price, such difference is to be given at the time bids are submitted. After the contracts have been signed, the Owner reserves the right to choose whichever material he desires assuming that the price increased thereto and approved, or other words to that effect, it is to be taken the same as if the choice of more than one material was specified and the selection will rest with the Owner the same as above.

Materials -Test: Materials furnished for all construction shall be subject to test at all times by the Engineer and any samples or specimens selected for test shall be furnished at no cost to the Owner. All tests shall be made by a recognized testing laboratory acceptable to the Engineer.

The following materials will be subject to test in accordance with the latest standards referenced in the City of Valdosta Water and Sewer Specifications: cement, pipe.

These tests shall be performed by an independent testing laboratory approved by the Engineer. The cost of tests of whatever nature shall be borne by the Contractor. No separate payment will be made for tests and all costs in connection herewith shall be included in the price bid for the applicable item.

Items Not Listed in Proposal: If some item of work is required which is not covered in the specifications or in the proposal, the City reserves the right to do these items with their own forces.

Traffic Control: The Contractor shall be responsible for placing construction signs, detour signs, and other traffic control devices to protect the motoring public and his work force while the work is being performed. This signage and traffic control shall be placed in accordance with the MUTCD, current edition.

Pre-construction Meeting: A general preconstruction meeting will be held at the offices of the City Engineer prior to the notice to proceed.

Lines and Levels: The Contractor is responsible for providing all surveying and staking.

Road Closures or Detours: If the Contractor selects to hire off duty law enforcement officers to control road closures or detours, he must first approach The City of Valdosta Police Department for employment, if an agreement cannot be made between the Police Department and the Contractor. Only then can the Contractor seek an outside law enforcement agency.

ADDITIONAL CONTRACT CONDITIONS (addendum #4 – 04/30/2026)

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

*During the performance of this contract, the contractor agrees as follows:
(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:*

- 1. Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous*

places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- 2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.*
- 3. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.*
- 4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.*
- 5. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.*
- 6. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for*

purposes of investigation to ascertain compliance with such rules, regulations, and orders.

- 7. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.*
- 8. The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:*

Provided, however, that in the event a contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

CONTRACT WORK HOURS AND SAFETY STANDARDS ACT requirements:

(1) Overtime requirements: No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such a workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such a workweek.

(2) Violation: liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section, the

contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The (CITY NAME) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT requirements

Clean Air Act

(1) The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

(2) The contractor agrees to report each violation to the (NAME OF CITY) and understands and agrees that the (NAME OF CITY) will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

(3) The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funding.

Federal Water Pollution Control Act

(1) The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

(2) The contractor agrees to report each violation to the (NAME OF CITY) and understands and agrees that the (NAME OF CITY) will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

(3) The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

Federal Water Pollution Control Act

(1) The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

(2) The contractor agrees to report each violation to the (NAME OF CITY) and understands and agrees that the (NAME OF CITY) will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency regional office.

(3) The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

Cities cannot award a contract to parties listed on the governmentwide exclusions in the System for Award Management (SAM) listed at www.sam.gov.

BYRD ANTI-LOBBYING AMENDMENT requirements:

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier, up to the recipient.

*Title 44 Chapter I Subchapter A Part 18 Appendix A to Part 18
Appendix A to Part 18 - Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements*

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or

attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

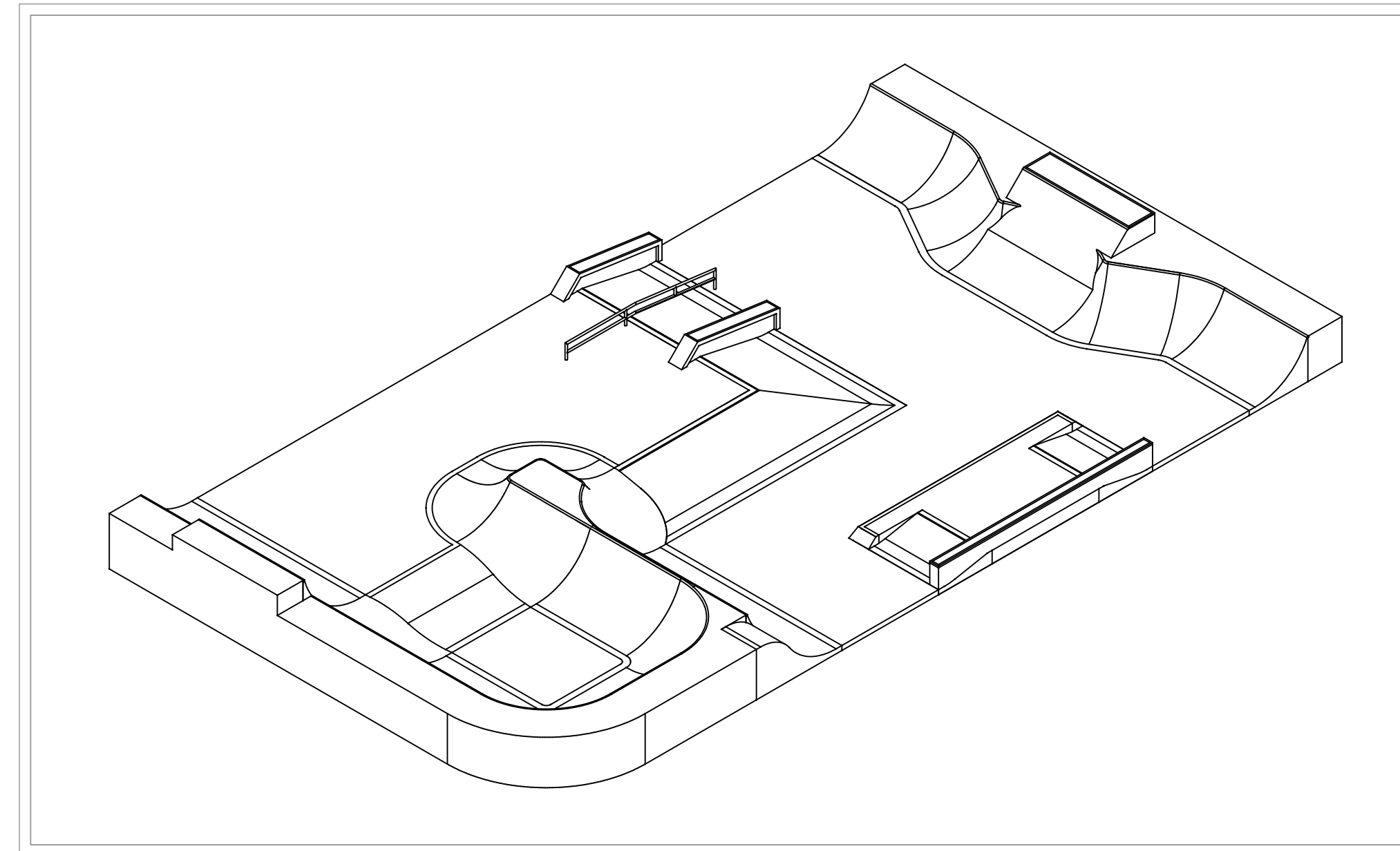
Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

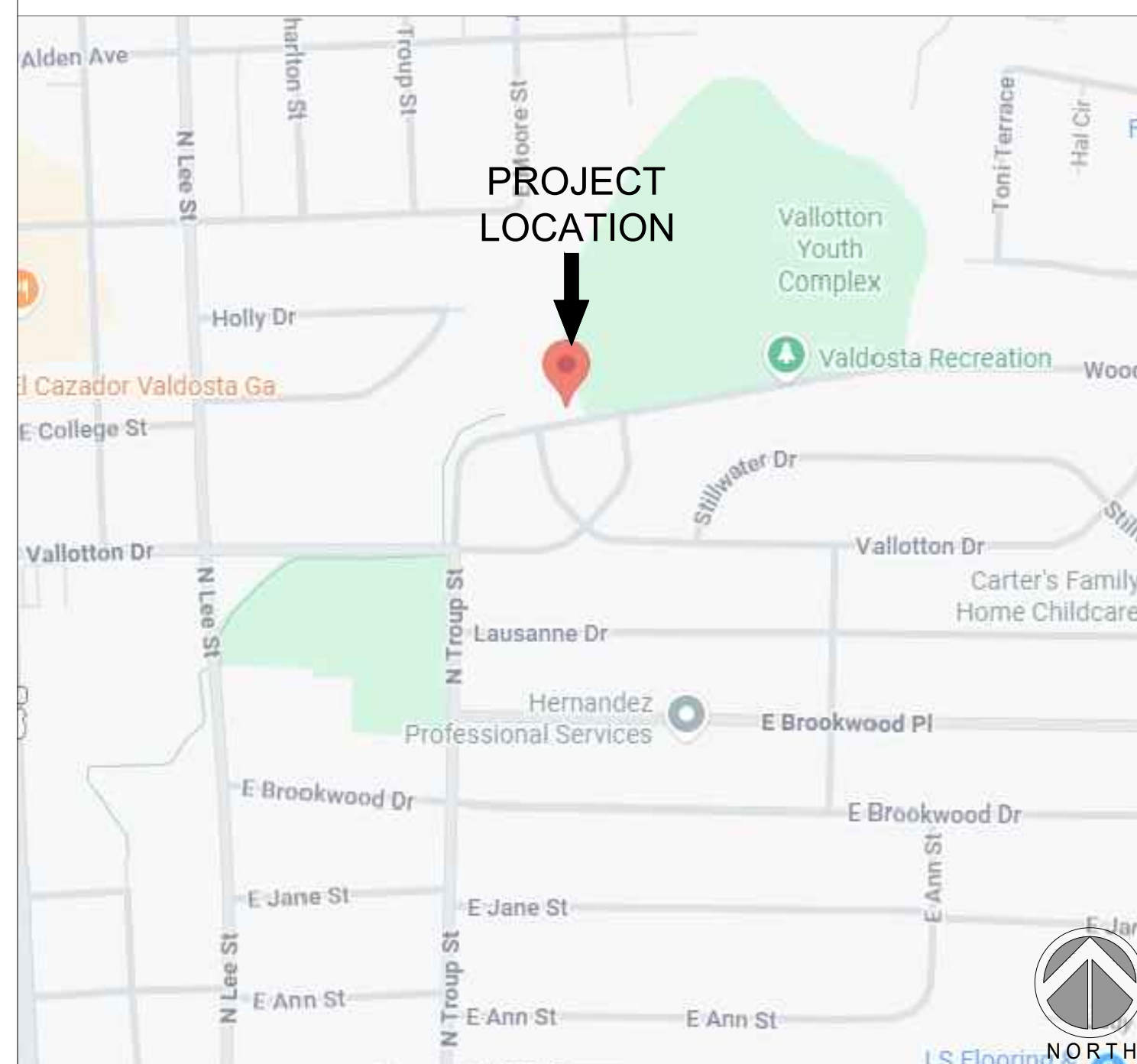
CONSTRUCTION PLAN SET PREPARED FOR VALLOTTON PARK SKATEPARK



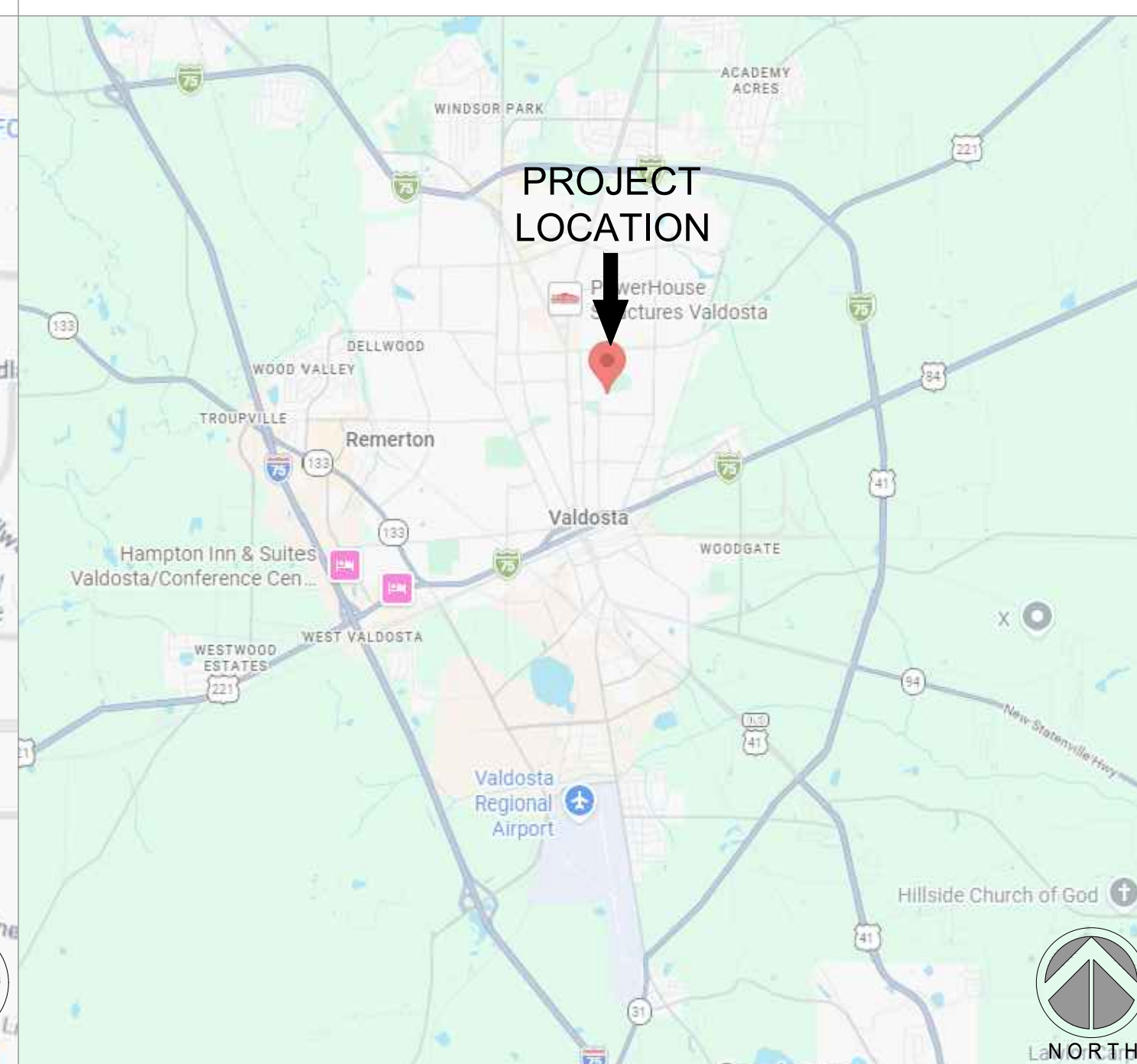
CITY OF VALDOSTA, GA

PLAN DATE IDENTIFIER
May 1, 2026
DATE OF LAST REVISIONS

VICINITY MAP



LOCATION MAP



PROJECT INFORMATION

OWNER/ DEVELOPER
CITY OF VALDOSTA
PO BOX 2830
VALDOSTA, GA 31604

SITE ADDRESS
VALLOTTON PARK
0116B-291
VALDOSTA, GA 31602

SHEET INDEX

SHEET	DESCRIPTION
SK1.0	TITLE SHEET
SK2.0	SPECIFICATIONS
SK2.1	SPECIFICATIONS
SK3.0	3D PERSPECTIVE
SK3.1	3D PERSPECTIVE
SK4.0	SITE PLAN
SK5.0	INFORMATION PLAN
SK6.0	LAYOUT PLAN
SK7.0	GRADING + DRAINAGE PLAN
SK8.0	STEEL PLAN
SK9.0	SECTIONS
SK9.1	SECTIONS
SK10.0	CONSTRUCTION DETAILS
SK10.1	CONSTRUCTION DETAILS



**SPOHN RANCH
SKATE PARKS**
DESIGN. BUILD. COME TOGETHER.
6824 S. CENTINELA AVE. - LOS ANGELES, CA 90020
OFFICE (626) 330-5803 - FAX (626) 330-5503



The use of these plans shall be restricted to the original site for which they were prepared, and publication thereof is limited to the original project. Any reuse or reuse of these plans or concepts by any method, in whole or part, without express written consent of Spoon Ranch, Inc. is prohibited. Title to these plans and concepts belongs to Spoon Ranch, Inc. without prejudice. Visual contact with or reproduction of these plans or concepts constitute acceptance of these restrictions. Copyright © 2019 Spoon Ranch, Inc.

NO	DATE	DESCRIPTION
1	5/1/2026	ISSUED FOR PERMIT

SKATE PARK DESIGNED BY	STAMP:
DS	
DOCUMENTS BY	AL, CR
PLAN CHECKED BY	DH, MB
DATE	5/1/2026

PROJECT TITLE
**VALLOTTON PARK
SKATEPARK**
SHEET TITLE
TITLE SHEET

SHEET
SK1.0
OF XX

NOT FOR CONSTRUCTION

GENERAL NOTES

DESIGN CRITERIA

- THESE GENERAL NOTES APPLY UNLESS NOTED OTHERWISE ON CONSTRUCTION DRAWINGS.
- COMPLY WITH CURRENT LOCAL BUILDING CODE EXCEPT AS NOTED HEREIN.
- TESTING SERVICES: OWNER TO BEAR ALL ASSOCIATED COSTS FOR TESTING SERVICES. COORDINATE THE FOLLOWING TESTING WITH THE OWNER SELECTED TESTING AGENCY (IF REQUIRED BY THE PROJECT SPECIFICATIONS):
 - MATERIAL EVALUATIONS TESTS FOR CONCRETE MIX, AGGREGATE BASE, SUBGRADE, AND STRUCTURAL FILL.
 - INSPECTION OF STRUCTURAL FILL PLACEMENT AND COMPACTION.
 - INSPECTION OF FINAL SUBGRADE.
 - BASE MATERIAL COMPACTION TEST FOR EVERY 2500 S.F. OF CONCRETE FLATWORK IN SKATEPARK AREA TO ENSURE 90% COMPACTION IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATIONS AND TESTING AGENCY RECOMMENDATIONS.

SHOP DRAWINGS

- THE SHOP DRAWING REVIEW IS INTENDED TO HELP THE SKATEPARK DESIGNER VERIFY THEIR DESIGN CONCEPT. THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH DESIGN DRAWINGS & SPECIFICATIONS, WHICH HAVE A PRIORITY OVER SHOP DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CONFIRMED & CORRELATED DIMENSIONS, FABRICATION PROCESSES, MEANS, METHODS, TECHNIQUES, SAFETY, AND COORDINATION OF THE WORK WITH OTHER TRADES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE ACCURACY OF HIS OWN SHOP DRAWINGS AND THOSE OF HIS SUBCONTRACTORS, PRIOR TO SUBMITTAL.
- THE SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF A CURSORY REVIEW SHOWS MAJOR ERRORS WHICH SHOULD HAVE BEEN FOUND BY THE CONTRACTOR'S CHECKING. ALL SHOP DRAWINGS SHALL INCLUDE PLAN LAYOUTS SHOWING LOCATIONS OF ITEMS DETAILED ON THE SHOP DRAWINGS. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS. ANY OF THE CHANGES WHICH ARE NOT CLOUDED OR FLAGGED BY SUBMITTING PARTIES, SHALL NOT BE CONSIDERED REVIEWED AFTER SKATEPARK DESIGNER'S REVIEW UNLESS NOTED ACCORDINGLY.
- ANY RESUBMITTAL OF A DETAIL SHEET WITH CHANGED INFORMATION SHALL BE ACCOMPANIED BY LOCATION PLAN IDENTIFYING THE MEMBERS INVOLVED, AND CLOUDED AROUND CHANGED INFORMATION.
- ANY ENGINEERING SUBMITTED FOR REVIEW SHALL BE APPROPRIATELY SEALED. FULL RESPONSIBILITY OF SUCH ENGINEERING RESTS WITH THE PERSON SEALING THE DESIGN.

EARTHWORK

- ESTABLISH AND MAINTAIN REQUIRED LINES AND GRADE ELEVATIONS.
- REMOVE UPPER FOUR TO SIX INCHES OR MORE OF TOPSOILS CONTAINING SURFICIAL VEGETATION, GRASS, ROOTS, AND ORGANIC MATERIAL FROM WITHIN AND TO A POINT AT LEAST FIVE FEET BEYOND THE BUILDING LINES/SKATEPARK LIMITS. THESE SOILS ARE GENERALLY NOT CONSIDERED SUITABLE FOR RE-USE AS STRUCTURAL FILL AND SHOULD BE STOCKPILED IN DESIGNATED AREAS BEYOND THE CONSTRUCTION LIMITS. OR REMOVED FROM THE SITE. COORDINATE STOCKPILE LOCATION WITH OWNER. IF REMOVED FROM SITE, DISPOSE OF IN A LEGAL MANNER. STOCKPILED MATERIAL TO BE STABILIZED IF LEFT UNDISTURBED FOR GREATER THAN 7 DAYS.
- COMPACT THE EXPOSED SUBGRADE ACROSS THE SITE TO ESTABLISH A FIRM AND UNYIELDING SURFACE. UNDER SUPERVISION OF CITY PROVIDED GEOTECHNICAL ENGINEER, PROOF-ROLL EXPOSED SUBGRADES WITH CONSTRUCTION EQUIPMENT TO ASSIST IN THE EVALUATION OF THE SUBGRADES ACROSS THE SITE. IF UNSTABLE AREAS ARE DETECTED, AN INITIAL ATTEMPT MUST BE MADE TO AERATE (12 INCHES MIN.) AND DENSIFY THE SUBGRADE BY RECOMPACTION WHERE NATURAL MOISTURE CONTENTS ARE AT APPROPRIATE LEVELS. IF THIS PROCEDURE IS INEFFECTIVE, THE DISTURBED SOILS SHOULD BE UNDERCUT AND REPLACED WITH CLEAN FILL AND/OR STABILIZING MATERIALS. COMPACT TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698 STANDARD PROCTOR METHOD. FILL AND CONSOLIDATE DEPRESSED AREAS. A FIRM, NON-YIELDING SUBGRADE SHOULD BE ESTABLISHED PRIOR TO PROCEEDING WITH FILL PLACEMENT.
- SOIL COMPACTION SHALL BE ACHIEVED BY MEANS OF PNEUMATIC TIRE ROLLERS, HOE PACKS, RIDE-ON DRUM ROLLER OR OTHER MECHANICAL TAMPERS (PLATE, RAMMER, OR WALK BEHIND ROLLER).
- PROVIDE STRUCTURAL FILL AS REQUIRED TO MEET PROPOSED SUBGRADE ELEVATIONS IN ACCORDANCE WITH GRADING PLAN.
- BUILD UP SUBGRADE USING STOCKPILED MATERIAL AND/OR APPROVED MATERIAL WITH LOW PLASTICITY. THE FILL SHOULD BE PLACED IN LIFTS THIN ENOUGH TO ATTAIN THE SPECIFIED COMPACTION LEVEL THROUGHOUT THE ENTIRE LIFT THICKNESS. PRIOR TO COMPACTION, MOISTURE CONDITION AS NEEDED. COMPACT EACH LIFT TO AT LEAST 90 PERCENT OF ASTM D698.
- THE EARTHWORK SHALL BE DONE UNDER SUPERVISION OF

- A SOILS ENGINEER RETAINED BY THE OWNER (IF REQUIRED BY THE PROJECT), WHO SHALL VERIFY ABOVE SPECIFICATIONS FOR THE SUPPORT OF SLAB ON GRADE AND FOR THE CONTROL OF SOIL SWELLING. FIELD DENSITY TESTS TO DETERMINE THE LEVEL OF COMPACTION BEING ACHIEVED IN THE FILL SHALL BE PERFORMED ON EACH LIFT AT THE BEGINNING OF FILL PLACEMENT AND AT A FREQUENCY MUTUALLY AGREED UPON BY THE PROJECT TEAM FOR THE REMAINDER OF THE PROJECT.
- EXCAVATION AND COMPACTION OF FILL FOR SUBGRADE PREP SHALL EXTEND A MINIMUM OF 2 FEET (NO MORE THAN 5 FEET MAXIMUM) BEYOND SKATE PARK FOOTPRINT.
 - PROCEED WITH SUB-BASE AS REQUIRED ONLY AFTER NONCONFORMING CONDITIONS HAVE BEEN CORRECTED AND SUBGRADE HAS BEEN INSPECTED. A FIRM, NON-YIELDING SUBGRADE SHOULD BE ESTABLISHED PRIOR TO BASE COURSE PLACEMENT.
 - PROVIDE THE SPECIFIED DEPTH OF COMPACTED AGGREGATE BASE MATERIAL IF REQUIRED. COMPACT AGGREGATE BASE TO 90% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698 STANDARD PROCTOR METHOD IF REQUIRED.
 - PROCEED WITH CONCRETE ONLY AFTER NONCONFORMING CONDITIONS HAVE BEEN CORRECTED, SUBGRADE HAS BEEN INSPECTED, AND FORMWORK AND FIELD MOCK-UPS HAVE BEEN REVIEWED.
 - A SOILS REPORT DOES EXIST FOR THIS PROJECT. OWNER SHALL RETAIN A SOILS ENGINEER IF SO REQUIRED BY THE PROJECT, TO VERIFY EXCAVATIONS FOR ASSUMED ALLOWABLE SOIL BEARING, LOW SETTLEMENT AND SWELL POTENTIAL, AND TO MAKE ANY ADDITIONAL RECOMMENDATIONS.

FORMS

- FORM MATERIALS: PLYWOOD, METAL, METAL-FRAMED PLYWOOD, OR OTHER APPROVED PANEL-TYPE MATERIALS FREE FROM DEFECTS AND DISTORTION, AND TO PROVIDE FULL-DEPTH, CONTINUOUS, STRAIGHT, SMOOTH EXPOSED SURFACES.
- USE FLEXIBLE OR CURVED FORMS AS REQUIRED TO PROVIDE VERTICAL AND HORIZONTAL RADII AS INDICATED IN THE DRAWINGS.
- PROVIDE 2" NOMINAL THICKNESS, SURFACED PLANK WOOD FORMS FOR STRAIGHT SECTIONS. USE FLEXIBLE METAL, 1" LUMBER, OR PLYWOOD FORMS FOR RADIUS BENDS. DO NOT OVERLAP FORMS, CREATING AN OFFSET FINISHED EDGE.
- FORM-RELEASE AGENT: COMMERCIALY FORMULATED FORM-RELEASE AGENT THAT WILL NOT BOND WITH STAIN, OR ADVERSELY AFFECT CONCRETE SURFACES AND WILL NOT IMPAIR SUBSEQUENT TREATMENTS OF CONCRETE SURFACES.
- EDGE FORMS AND SCREED CONSTRUCTION
 - SET, BRACE, AND SECURE EDGE FORMS, BULKHEADS, AND INTERMEDIATE SCREED GUIDES FOR PAVEMENT TO REQUIRED LINES, GRADES, AND ELEVATIONS. INSTALL FORMS TO ALLOW CONTINUOUS PROGRESS OF WORK.
 - CLEAN FORMS AFTER EACH USE AND COAT WITH FORM RELEASE AGENT TO ENSURE SEPARATION FROM CONCRETE WITHOUT DAMAGE.

REINFORCING

- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. FOR REINFORCING THAT IS TO BE WELDED, CONFORM TO ASTM A706 GRADE 60. USE ASTM A-108 GRADE 60 FOR ALL WELDED ANCHORS.
- JOINT DOWEL BARS: PLAIN STEEL DOWELS, ASTM A 615/A 615M, GRADE 60. CUT BARS TRUE TO LENGTH WITH ENDS SQUARE AND FREE OF BURRS.
- SLIP DOWEL SLEEVES ARE ACCEPTABLE, SUCH AS SPEED DOWELS BY GREENSTREAK, INC., OR APPROVED EQUAL.
- BAR SUPPORTS: BOLSTERS, CHAIRS, SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING REINFORCEMENTS BARS, AND DOWELS IN PLACE. MANUFACTURE BAR SUPPORTS ACCORDING TO CRSI'S "MANUAL OF STANDARD PRACTICE" FROM STEEL WIRE, PLASTIC, OR PRECAST CONCRETE OR FIBER-REINFORCED CONCRETE OF GREATER COMPRESSIVE STRENGTH THAN CONCRETE.
- ALL REINFORCING BARS TO BE DEFORMED. CLEAR CONCRETE COVERAGES TO ANY REINFORCING INCLUDING TIES ARE AS FOLLOWS:
 - 2" FORMED CONCRETE EXPOSED TO EARTH OR WEATHER.
 - 1" SLABS AND JOISTS NOT EXPOSED TO WEATHER.
 - 1-1/2" ALL OTHER.
- SMALLER CLEARANCES PERMISSIBLE FOR PRECAST OR PRESTRESSED.
- TENSION LAP SPLICES IN CONCRETE: UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING:
 - #3, 9", #4, 12", 30X DIAMETER FOR TOP BARS
- MINIMUM CLEAR COVER FOR SPLICED REINFORCING IS GREATER THAN ONE BAR DIAMETER, AND MINIMUM CLEAR SPACING IS GREATER THAN TWO BAR DIAMETERS. SPLICE BOTTOM BAR OVER SUPPORTS AND TOP BAR AT MIDSPAN

ONLY. WHERE BARS ARE SHOWN SPLICED, THEY MAY RUN CONTINUOUS AT CONTRACTOR'S OPTION.

CONCRETE

- PROVIDE MIX DESIGNS THAT WILL MEET THE MINIMUM REQUIREMENTS LISTED HEREIN:
 - MINIMUM 28-DAY STRENGTH: 4000 PSI
 - TYPE III/III CEMENT - WHICHEVER IS AVAILABLE LOCALLY
 - SMALL TO MEDIUM AGGREGATE (1" MAX.)
 - WATER/CEMENT RATIO OF .45 OR LESS
 - MIX DESIGNS CONTAINING FLY ASH: THE AMOUNT OF FLY ASH USED SHALL NOT EXCEED 20% BY WEIGHT OF THE COMBINED WEIGHT OF FLY ASH PLUS CEMENT.
 - AIR ENTRAINMENT NOT TO EXCEED 3%.
- DO NOT INSTALL CONCRETE WORK OVER SATURATED, MUDDY, OR FROZEN SUBGRADE.
- PROTECT ADJACENT WORK AND PROVIDE TEMPORARY BARRICADES AS REQUIRED FOR PROTECTION OF PROJECT WORK AND PUBLIC SAFETY.
- MECHANICALLY VIBRATE ALL CONCRETE FLATWORK WHEN PLACED, EXCEPT THAT SLABS ON GRADE AND SLABS ON DECK NEED TO BE VIBRATED ONLY AROUND EMBEDDED ITEMS.
- CONCRETE CYLINDERS SHALL BE TAKEN AND TESTED PER THE ACI CODE, WHEN REQUIRED BY THE PROJECT. FREQUENCY= 1 SET OF CYLINDERS PER 50 CY'S PLACED. OWNER TO BEAR ALL COSTS.
- IN AN EFFORT TO CONTROL SHRINKAGE AND QUALITY, FLATWORK/FLOORS SHOULD BE PLACED IN SECTIONS OF 25 CY'S OR LESS.
- CONDUITS, PIPES, AND SLEEVES EMBEDDED IN CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ACI 6.3.

CONCRETE PLACEMENT

- CONSOLIDATE CONCRETE BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES TO CONSOLIDATE CONCRETE ACCORDING TO RECOMMENDATIONS IN ACI 309R.
 - CONSOLIDATE CONCRETE ALONG FACE OF FORMS AND ADJACENT TO TRANSVERSE JOINTS WITH AN INTERNAL VIBRATOR. KEEP VIBRATOR AWAY FROM JOINT ASSEMBLIES, REINFORCEMENT, OR SIDE FORMS. USE ONLY SQUARE-FACED SHOVELS FOR HAND-SPREADING AND CONSOLIDATION. CONSOLIDATE WITH CARE TO PREVENT DISLOCATING REINFORCEMENT, DOWELS, AND JOINT DEVICES.
 - COLD WEATHER PLACEMENT: COMPLY WITH ACI 306.1 AND AS FOLLOWS. PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS, OR LOW TEMPERATURES.
 - WHEN AIR TEMPERATURE HAS FALLEN TO OR IS EXPECTED TO FALL BELOW 40 DEG F, UNIFORMLY HEAT WATER AND AGGREGATES BEFORE MIXING TO OBTAIN A CONCRETE MIXTURE TEMPERATURE OF NOT LESS THAN 50 DEG F AT POINT OF PLACEMENT.
 - DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW.
 - DO NOT USE CALCIUM CHLORIDE, SALT, OR OTHER MATERIALS CONTAINING ANTI-FREEZE AGENTS OR CHEMICAL ACCELERATORS UNLESS OTHERWISE SPECIFIED AND APPROVED IN MIX DESIGNS.
- HOT-WEATHER PLACEMENT: PLACE CONCRETE ACCORDING TO RECOMMENDATION IN ACI 305R AND AS FOLLOWS WHEN HOT-WEATHER CONDITIONS EXIST:
 - COOL INGREDIENTS BEFORE MIXING TO MAINTAIN CONCRETE TEMPERATURE AT TIME OF PLACEMENT BELOW 100 DEG FAHRENHEIT. CHILLED MIXING WATER OR CHOPPED ICE MAY BE USED TO CONTROL TEMPERATURE, PROVIDED WATER EQUIVALENT OF ICE IS CALCULATED TO TOTAL AMOUNT OF MIXING WATER. USING LIQUID NITROGEN TO COOL CONCRETE IS CONTRACTORS OPTION.
 - FOG-SPRAY FORMS, REINFORCEMENT STEEL, AND SUBGRADE JUST BEFORE PLACING CONCRETE. KEEP SUBGRADE MOISTURE UNIFORM WITHOUT STANDING WATER, SOFT SPOTS, OR DRY AREAS.

- FINISH: ALL EXPOSED CONCRETE SURFACES ARE TO BE HARD STEEL TROWEL FINISH UNLESS OTHERWISE NOTED. TROWEL UNTIL ALL VISIBLE PORES ARE CLOSED. CEASE TROWELING BEFORE SURFACE BECOMES GLOSSY. DO NOT BROOM FINISH AND DO NOT TROWEL BURN SURFACE.**
 - ALL EDGE TOOLING SHOULD BE 1/8 INCH RADIUS UNLESS OTHERWISE SPECIFIED.
- COLOR: ALL CONCRETE SURFACES ARE TO BE NATURAL GRAY COLOR UNLESS OTHERWISE NOTED. MINOR VARIATIONS IN APPEARANCE OF COLORED CONCRETE, WHICH ARE SIMILAR TO NATURAL VARIATIONS IN COLOR AND APPEARANCE OF UNCOLORED CONCRETE, ARE

ACCEPTABLE. DO NOT BROOM FINISH AND DO NOT TROWEL BURN SURFACE.

CONCRETE PROTECTION AND CURING

- GENERAL: PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. COMPLY WITH ACI 306.1 FOR COLD-WEATHER PROTECTION AND FOLLOW RECOMMENDATIONS IN ACI 305R FOR HOT-WEATHER PROTECTION DURING CURING. KEEP MOIST FOR NECESSARY AMOUNT OF TIME TO REACH CONCRETE STRENGTH AND INHIBIT MOISTURE LOSS AFTER PLACING.
- EVAPORATION RETARDANT: WATERBORNE, MONOMOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE, SUCH AS EUCOBAR EVAPORATION RETARDANT BY THE EUCLID CHEMICAL COMPANY, APPLY EVAPORATION RETARDANT TO CONCRETE SURFACES IF HOT, DRY, OR WINDY CONDITIONS CAUSE MOISTURE LOSS BEFORE AND DURING FINISHING OPERATIONS. APPLY TO EXPOSED SURFACE OF CONCRETE ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS AS NECESSARY.
- BEGIN CURING AFTER FINISHING CONCRETE, BUT NOT BEFORE FREE WATER HAS DISAPPEARED FROM CONCRETE SURFACE.
- CURING METHODS: CURE CONCRETE BY CURING COMPOUND, MOISTURE CURING, MOISTURE-RETAINING-COVER CURING, OR A COMBINATION OF THESE AS FOLLOWS:
 - CURING COMPOUND: MEET REQUIREMENTS OF MANUFACTURER'S CURRENT PRINTED APPLICATION INSTRUCTIONS AND COVERAGE RATE CHART. FOR HORIZONTAL APPLICATIONS, IMMEDIATELY APPLY AFTER ALL SURFACE WATER HAS DISAPPEARED AND THE CONCRETE SURFACE IS HARD ENOUGH TO WALK ON. FOR VERTICAL APPLICATIONS, APPLY IMMEDIATELY AFTER REMOVING THE CONCRETE FORMS. APPLY IN A UNIFORM AND CONTINUOUS MANNER. AVOID OVER-APPLICATION OR PUDDING OF CURING COMPOUND. PROTECT SURFACE FROM WATER, ADJACENT SHOTCRETE WORK, AND DEBRIS.
 - MOISTURE CURING: KEEP SURFACES CONTINUOUSLY MOIST FOR NOT LESS THAN SEVEN DAYS WITH THE FOLLOWING MATERIALS:
 - WATER.
 - CONTINUOUS WATER-FOG SPRAY.
 - ABSORPTIVE COVER, WATER SATURATED, AND KEEP CONTINUOUSLY WET. COVER CONCRETE SURFACES AND EDGES, OVERLAP SEAMS MIN. 6" BETWEEN ADJACENT ABSORPTIVE COVERS.
 - MOISTURE-RETAINING-COVER CURING: COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE, PLACED IN WIDEST PRACTICABLE WIDTH, WITH SIDES AND ENDS LAPPED AT LEAST 6 INCHES.

CURING MATERIALS

- ABSORPTIVE COVER: AASHTO M 182, CLASS 2, BURLAP CLOTH MADE FROM JUTE OR KENAF, WEIGHING APPROXIMATELY 90Z./SQ. YD. DRY.
- MOISTURE-RETAINING COVER: ASTM C 171, POLYETHYLENE FILM OR WHITE BURLAP-POLYETHYLENE SHEET (BUR LENE).
- WATER: POTABLE.
- CURING COMPOUND: ASTM C-309, CLEAR, WATER-BASED, NO VOLATILE, NON-STAINING, MEMBRANE-FORMING, COMPATIBLE WITH SUBSEQUENT CONCRETE TREATMENTS. ACCEPTABLE PRODUCT: W.R. MEADOWS 1100-CLEAR, OR APPROVED EQUAL.

JOINT MATERIALS

- EXPANSION AND ISOLATION JOINT FILLER STRIPS: POLYETHYLENE JOINT MATERIALS SHALL BE FLEXIBLE POLYETHYLENE CLOSED CELL FOAM OR SIMILAR AND SUPPLIED BY CONCRETE CONTRACTOR. DECK-O-FOAM OR EQUIVALENT.
- EXPANSION JOINT SEALANT: SIKAFLEX - 1A NS TG POLYURETHANE ELASTOMERIC SEALANT, OR APPROVED EQUAL. COLOR OF CAULK SHOULD RESEMBLE NATURAL COLOR OF CONCRETE (ALUMINUM GRAY OR LIMESTONE).
- SAW CUT JOINT SEALANT: SIKAFLEX-1C SL HIGH PERFORMANCE, SELF-LEVELING, 1-PART POLYURETHANE SEALANT, OR APPROVED EQUAL. COLOR OF CAULK SHOULD RESEMBLE NATURAL COLOR OF CONCRETE (ALUMINUM GRAY OR LIMESTONE)
- JOINTS ARE TO BE CLEANED PRIOR TO SEALING. JOINTS TO BE CUT TO BE CONSISTENT WITH SAW CUT DETAIL - 1/8" WIDE BY 1/4" DEPTH OF SLAB. INSPECTIONS ARE REQUIRED PRIOR TO SEALING.

JOINTS

- GENERAL: CONSTRUCT CONSTRUCTION, ISOLATION, AND CONTRACTION JOINTS AND TOOL EDGINGS TRUE TO LINE WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE.
- JOINTING PLAN IS TO PROVIDE GUIDANCE TO THE CONTRACTOR FOR THE USE OF SAWCUTS, COLD + EXPANSION JOINTS. ACTUAL FIELD VARIANCES MAY BE NECESSARY AND WILL TAKE PRECEDENCE OVER THE GUIDE. CONTRACTOR SHALL CUT/JOINT CONCRETE AS NEEDED TO HELP MINIMIZE CRACKING AND ENHANCE SKATEABILITY.

- EXPANSION JOINTS: FORM EXPANSION JOINTS WITH SPECIFIED JOINT-FILLER STRIPS WHERE INDICATED. EXTEND JOINT FILLERS FULL WIDTH AND DEPTH OF JOINT.
- INSTALL DOWEL BARS AND SUPPORT ASSEMBLIES AT JOINTS WHERE INDICATED. LUBRICATE OR ASPHALT-COAT ONE-HALF DOWEL LENGTH TO PREVENT CONCRETE BONDING TO ONE SIDE OF JOINT. SPEED DOWELS, OR SIMILAR, ARE AN ACCEPTABLE ALTERNATIVE.
- CONTROL JOINTS: FORM WEAKENED-PLANE JOINTS, SECTIONING CONCRETE INTO AREAS AS INDICATED. CONSTRUCT CONTROL JOINTS FOR A DEPTH AS INDICATED IN THE DRAWINGS (GENERALLY 1/4 OF THE PAVEMENT THICKNESS), AS FOLLOWS:
 - SAWED JOINTS: FORM CONTROL JOINTS WITH POWER SAWS EQUIPPED WITH SHATTERPROOF ABRASIVE OR DIAMOND-RIMMED BLADES. CUT 1/8 INCH WIDE JOINTS INTO CONCRETE WHEN CUTTING ACTION WILL NOT TEAR, ABRADE, OR OTHERWISE DAMAGE SURFACE AN BEFORE DEVELOPING RANDOM CONTRACTION CRACKS. EARLY SAW CUTS ARE APPROXIMATELY 1 INCH DEEP, REGARDLESS OF PAVEMENT THICKNESS. REFER TO CONTROL JOINT GUIDE DRAWING OF PLAN SET IF APPLICABLE.
 - ALIGN SAWCUTS WITH EXPANSION AND COLD JOINTS AND START FROM CORNERS WHERE POSSIBLE TO HELP MINIMIZE CRACKING. SAWCUTS SHOULD BE APPROXIMATELY 10'X12' AND/OR APPROXIMATELY 120 SQUARE FEET WITH ROUGHLY A 2:1 ASPECT RATIO BETWEEN SAWCUTS AND COLD OR EXPANSION JOINTS.
 - IF SKATEPARK PROJECT DESIGN UTILIZES POURED STEPS, CONTROL JOINTS MUST BE CUT 3 - 4 FEET FROM THE EDGE OF THE TOP STEP.
- POST CURE DETAIL WORK (AS NEEDED): GRIND SMOOTH ANY INCONSISTENCIES IN THE FINISH OR HIGH SPOTS BETWEEN POURS.

METALS

- FURNISH MATERIALS AND PERFORM LABOR REQUIRED TO EXECUTE THIS WORK AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AND AS NECESSARY TO COMPLETE THE CONTRACT, INCLUDING, BUT NOT LIMITED TO BOWL STEEL COPING, LEDGE STEEL EDGING, HANDRAILS, AND GRIND RAILS.
- USING SKILLED WORKERS, FORM AND FABRICATE ITEMS OF WORK AS INDICATED AND AS REQUIRED TO MEET INSTALLATION CONDITIONS. MAKE PROVISIONS TO CONNECT WITH OR RECEIVE THE WORK OF OTHER TRADES.
- USE MATERIALS OF SIZE AND THICKNESS SHOWN OR, IF NOT SHOWN, OF REQUIRED SIZE AND THICKNESS TO PRODUCE STRENGTH AND DURABILITY IN THE FINISHED PRODUCT.
- UNLESS OTHERWISE INDICATED, WELD OR BOLT CONNECTIONS BETWEEN MEMBERS, WHERE POSSIBLE, CONCEAL CONNECTIONS ON THE FINISHED WORK. FIT OR MITER EXPOSED JOINTS TO HAIRLINE TOLERANCE OR USE WELDED JOINTS. ON FINISHED SURFACES, GRIND ALL WELDS SMOOTH AND FLUSH WITH BASE METAL.
- WELD CONNECTIONS WHICH ARE NOT TO BE LEFT AS EXPOSED JOINTS, BUT CANNOT BE SHOP WELDED BECAUSE OF SHIPPING SIZE LIMITATIONS.
- CAP ALL EXPOSED TUBE OR PIPE ENDS. USE SIZE AND THICKNESS OF MATERIAL SHOWN, PROPERLY FIT AND WELD CAP AT JOINT, GRIND WELD SMOOTH AND FLUSH WITH BASE METAL.
- BEND PIPE OR TUBING WITHOUT COLLAPSING OR DEFORMING THE WALLS, SO AS TO PRODUCE A SMOOTH UNIFORM CURVED SECTION AND MAINTAIN UNIFORM SECTIONAL SHAPE.
- WHERE ITEMS ARE TO BE IMBEDDED IN CONCRETE OR MASONRY, PROVIDE WELDED-ON ANCHORS OR LUGS AS INDICATED OR REQUIRED.
- PROVIDE TEMPORARY BRACING OR ANCHORS IN FORMWORK FOR ITEMS WHICH ARE TO BE BUILT INTO CONCRETE OR SIMILAR CONSTRUCTION.
- FASTENING TO IN-PLACE CONSTRUCTION: PROVIDE ANCHORING DEVICES AND FASTENERS WHERE NECESSARY FOR SECURING MISCELLANEOUS METAL FABRICATIONS TO IN-PLACE CONSTRUCTION INCLUDING THREADED FASTENERS FOR CONCRETE INSERTS, OR OTHER CONNECTORS AS REQUIRED.
- GALVANIZING REPAIR-USE A HIGH ZINC DUST CONTENT PAINT FOR RE-GALVANIZING WELDS IN GALVANIZED STEEL. HOT GALVANIZED SOLDER IS ALSO ACCEPTABLE. USE RUST-OLEUM COLD GALVANIZING COMPOUND SPRAY, OR SIMILAR.
- ALL WELDING SHALL CONFORM TO REQUIREMENTS OF AWS STANDARDS. ALL WELDING SHALL BE SHIELDED METAL ARC WELDING. WELDS IN FINISH WORK SHALL BE FILLED OUT FLUSH, GROUND AND DISTRESSED.
- ASTM A-36 FOR C, MC, ANGLES, AND PLATES.
- ASTM A-53 GRADE B OR A-500 GRADE B OR A-501 GRADE B FOR STEEL PIPES.
- ASTM A-123 STANDARD SPECIFICATION FOR ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS
- ASTM A-780 STANDARD PRACTICE FOR REPAIR OF DAMAGED

AND UNCOATED AREAS OF HOT-DIP GALVANIZED COATINGS.

SUPPLEMENTARY NOTES

- THESE CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE IMPROVEMENTS, WORKERS, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, MEANS AND METHODS, BRACING, SHORING, FORMS, SCAFFOLDING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD ELEMENTS IN PLACE DURING CONSTRUCTION. OBSERVATION VISITS TO THE SITE BY THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- OPTIONS AND SUBSTITUTIONS (APPROVED BY OWNERS/SKATEPARK DESIGNER/ARCHITECT) ARE FOR CONTRACTOR'S CONVENIENCE. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING ALL CHANGES AND ADDITIONAL COSTS NECESSARY AND SHALL COORDINATE ALL DETAILS WITH SKATEPARK DESIGNER THROUGH PRIME CONTRACTOR.
- ANY ENGINEERING DESIGN PROVIDED BY CONTRACTOR OR OTHERS AND SUBMITTED FOR REVIEW SHALL BE WET SIGNED AND STAMPED BY AN INSURED REGISTERED STRUCTURAL OR CIVIL ENGINEER LICENSED IN THE STATE OF WHICH THE PROJECT IS LOCATED, IF REQUIRED BY CITY OR COUNTY.
- UNLESS NOTED OTHERWISE, DETAILS ON CONSTRUCTION DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES, OR TITLES. ALL DETAILS SHOWN SHALL BE IMPORTED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS, WHETHER SPECIFICALLY INDICATED OR NOT. TYPICAL DETAILS MAY OR MAY NOT BE REFERENCED ON THE DOCUMENTS, BUT SHALL APPLY AT ALL LOCATIONS, UNLESS NOTED OTHERWISE. WHERE NO DETAIL CUTS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK SHOWN ELSEWHERE ON THE PROJECT. FOR BIDDING PURPOSES, WHERE ANY SHOWN MEMBER OR STRUCTURAL ELEMENT IS NOT SIZED ON THE DOCUMENTS, THE LARGEST SIMILAR MEMBER USED IN THE PROJECT SHALL BE UTILIZED.
- ALL DIMENSIONS AND ELEVATIONS SHOWN ON CONSTRUCTION DRAWINGS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS (IF REQUIRED BY THE PROJECT). RESOLVE ALL DISCREPANCIES WITH SKATEPARK DESIGNER AND PRIME CONTRACTOR PRIOR TO START OF CONSTRUCTION. DO NOT SCALE DRAWINGS.
- CONTRACTOR SHALL ESTABLISH AND VERIFY IN FIELD ALL EXISTING CONDITIONS AFFECTING NEW CONSTRUCTION. CONTACT SKATEPARK DESIGNER AND PRIME CONTRACTOR IMMEDIATELY IF EXISTING CONDITIONS ARE NOT AS DEPICTED IN DRAWINGS.

PAVEMENT TOLERANCES

- CONTRACTOR MUST ACHIEVE POSITIVE DRAINAGE FOR ALL SURFACES WITHIN THE SKATEPARK AREA WHENEVER POSSIBLE.

REPAIRS AND PROTECTION

- REMOVE AND REPLACE CONCRETE PAVEMENT THAT IS BROKEN, DAMAGED, OR DEFECTIVE, OR DOES NOT MEET REQUIREMENTS IN THIS SECTION. THE CONTRACTOR SHALL FIX ALL CRACKS AND DISPLACEMENTS LARGER THAN 1/8" UP TO THE PROJECT COMPLETION. REPAIRS SHALL BE MADE AT NO COST TO OWNER.
- PROTECT CONCRETE FROM DAMAGE. EXCLUDE TRAFFIC FROM PAVEMENT FOR AT LEAST 14 DAYS AFTER PLACEMENT. WHEN CONSTRUCTION TRAFFIC IS PERMITTED, MAINTAIN PAVEMENT AS CLEAN AS POSSIBLE BY REMOVING SURFACE STAINS AND SPILLAGE OF MATERIALS AS THEY OCCUR.
- MAINTAIN CONCRETE PAVEMENT OF FREE STAINS, DISCOLORATION, DIRT, AND OTHER FOREIGN MATERIAL.

SPOHN RANCH SKATE PARKS
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SHOTCRETE SPECIFICATIONS

PART 1- GENERAL

- 1.1 SUMMARY**
- A. SPECIALTY CONSTRUCTION:
- A.1. DESCRIPTION: SHOTCRETE APPLICATION, CUTTING, SCULPTING AND FINISH WORK HAS BEEN DEEMED AS SPECIALTY CONSTRUCTION WORK WITHIN THE CONSTRUCTION DOCUMENTS. ALL WORK RELATED TO THE SPECIALTY CONSTRUCTION SHALL BE COORDINATED BY THE PROJECT ENGINEER, AND THE PRE-QUALIFIED SPECIALTY CONTRACTOR, PRIOR TO THE START OF CONSTRUCTION.
- 1.2 QUALITY ASSURANCE**
- A. STANDARDS: COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FOLLOWING CODES AND STANDARDS, EXCEPT AS HEREIN MODIFIED:
- A.1. AMERICAN CONCRETE INSTITUTE (ACI); 506, CHAPTER 13, WET METHOD. CHAPTER 5, SHOTCRETE CREW
- A.2. ASTM: "AMERICAN SOCIETY FOR TESTING MATERIALS"
- 1.3 REFERENCE STANDARDS**
- A. ACI 305- RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING.
- B. ACI 306- RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING.
- C. ASTM C33- CONCRETE AGGREGATES
- D. ASTM C94- READY-MIXED CONCRETE
- E. ASTM C143- TEST FOR SLUMP OF PORTLAND CEMENT CONCRETE
- F. ASTM C150- PORTLAND CEMENT
- G. ASTM C260- AIR-ENTRAINING ADMIXTURES FOR CONCRETE
- H. ASTM C494- CHEMICAL ADMIXTURES FOR CONCRETE
- I. ASTM C618- FLY ASH AND RAW OR CALCINED NATURAL POZZOLANS FOR USE IN PORTLAND CEMENT CONCRETE.
- 1.4 JOB CONDITIONS**
- A. COORDINATION:
- A.1. COORDINATE SCHEDULES OF CONCRETE WORK TO ALLOW ADEQUATE TIME FOR INSTALLATION OF OTHER RELATED WORK.
- A.2. VERIFY THAT ANCHOR BOLTS AND OTHER EMBEDDED STEEL ITEMS TO BE CAST INTO CONCRETE ARE PROPERLY PLACED.
- A.3. COORDINATE EARTHWORK AND SOILS REPORT RECOMMENDATIONS WITH PLACEMENT REQUIREMENTS.
- A.4. COORDINATE WITH FORM-WORK AND FINISHES SECTIONS TO PROVIDE FINISH FLOORLEVELNESS AND FLATNESS AS SPECIFIED HEREIN. SLOPE TO DRAINS AT GRADES AND PERCENT SLOPE SHOWN IN THE CONSTRUCTION DRAWINGS.

PART 2- SHOTCRETE WORK

- 2.1 SHOTCRETE MIX DESIGN**
- A. PROVIDE MIX DESIGNS THAT WILL MEET THE MINIMUM REQUIREMENTS LISTED HEREIN:
- A.1. MINIMUM 28-DAY STRENGTH: 4000 PSI
- A.2. TYPE III/IV CEMENT - WHICHEVER IS AVAILABLE LOCALLY
- A.3. SMALL AGGREGATE (1/2" MAX.)
- A.4. WATER/CEMENT RATIO OF .45 OR LESS
- A.5. AIR ENTRAINMENT NOT TO EXCEED 3%
- B. MIX DESIGNS FOR SHOTCRETE CONTAINING FLY ASH: THE AMOUNT OF FLY ASH USED SHALL NOT EXCEED 20% BY WEIGHT OF THE COMBINED WEIGHT OF FLY ASH PLUS CEMENT.
- 2.2 CONCRETE APPLICATION EQUIPMENT**
- A. FOR WET MIX SHOTCRETE:
- A.1. MIXING EQUIPMENT: CAPABLE OF THOROUGHLY MIXING AGGREGATE, CEMENT AND WATER IN SUFFICIENT QUANTITY TO MAINTAIN CONTINUOUS PLACEMENT.
- A.2. AIR SUPPLY: CLEAN AIR ADEQUATE FOR MAINTAINING SUFFICIENT NOZZLE VELOCITY FOR PARTS OF WORK, AND FOR SIMULTANEOUS OPERATION OF BLOW PIPE FOR CLEANING AWAY REBOUND.
- A.3. DELIVERY EQUIPMENT: CAPABLE OF DISCHARGING AGGREGATE-CEMENT-WATER MIXTURE ACCURATELY, UNIFORMLY, AND CONTINUOUSLY THROUGH DELIVERY HOSE.

PART 3- EXECUTION

- 3.1 INSPECTION**
- A. EXAMINATION: EXAMINE CONCRETE FORMWORK AND VERIFY THAT IT IS TRUE TO LINE AND DIMENSION, ADEQUATELY BRACED AGAINST VIBRATION, AND CONSTRUCTED TO PERMIT ESCAPE OF AIR AND REBOUND BUT TO PREVENT LEAKAGE DURING SHOTCRETING. CORRECT DEFICIENCIES.
- B. NOTIFICATION: NOTIFY OTHER TRADES INVOLVED IN AMPLE TIME TO PERMIT THE PROPER INSTALLATION OF THEIR WORK. COOPERATE IN SETTING SUCH WORK.
- C. EXISTING SURFACES: EXAMINE EXISTING CONCRETE SURFACES FOR UNSOUND MATERIAL. CORRECT DEFICIENCIES.
- 3.2 PREPARATION FOR INSTALLATION OF CONCRETE**
- A. FORMS: USE A FORM-COATING MATERIAL ON REMOVABLE FORMS TO PREVENT ABSORPTION OF MOISTURE AND TO PREVENT BOND WITH SHOTCRETE.
- 3.3 CONCRETE BATCHING AND MIXING**
- A. PROPORTIONS: MIX PROPORTIONS SHALL BE CONTROLLED

- BY WEIGHT BATCHING.
- B. SCHEDULING: CONCRETE SHALL NOT EXCEED A TEMPERATURE OF 100 DEGREES FAHRENHEIT AT TIME OF PLACEMENT UNLESS PRE-APPROVED BY THE PROJECT ENGINEER.

- 3.4 CONCRETE PLACEMENT**
- A. PLACEMENT: USE SUITABLE DELIVERY EQUIPMENT AND PROCEDURES THAT WILL RESULT IN SHOTCRETE IN PLACE MEETING THE REQUIREMENTS OF THIS SPECIFICATION. DETERMINE OPERATING PROCEDURES FOR PLACEMENT IN, EXTENDED DISTANCES, AND AROUND ANY OBSTRUCTIONS WHERE PLACEMENT VELOCITIES AND MIX CONSISTENCY MUST BE ADJUSTED.
- B. PLACEMENT TECHNIQUES:
- B.1. CONTROL THICKNESS, METHOD OF SUPPORT, AIR PRESSURE, AND/OR WATER CONTENT OF SHOTCRETE TO PRECLUDE GAGGING OR SLOUGHING OFF. DISCONTINUE SHOTCRETING OR PROVIDE SUITABLE MEANS TO SCREEN THE NOZZLE STREAM IF WIND OR AIR CURRENTS CAUSE SEPARATION OF THE NOZZLE STREAM DURING PLACEMENT.
- B.2. HOLD NOZZLE AS PERPENDICULAR TO SURFACE AS WORK WILL PERMIT, TO SECURE MAXIMUM COMPACTION WITH MINIMUM REBOUND.
- B.3. IN SHOTCRETING WALLS, BEGIN APPLICATION AT BOTTOM. ENSURE WORK DOES NOT SAG.
- B.4. LAYERING:
- B.4.1. BUILD UP LAYERS BY MAKING SEVERAL PASSES OF NOZZLE OVER WORK AREA.
- B.4.2. MAKE SURE SURFACE IS ADEQUATELY ROUGH TO WHICH, AFTER HARDENING, ADDITIONAL LAYERS OF SHOTCRETE ARE TO BE BONDED.
- B.4.3. DAMPEN SURFACE (ACHIEVE SATURATED SURFACE DRY (SSD) CONDITION) JUST PRIOR TO APPLICATION OF SUCCEEDING LAYERS
- B.4.4. ALLOW EACH LAYER OF SHOTCRETE TO TAKE INITIAL SET BEFORE APPLYING SUCCEEDING LAYERS.
- B.4.5. USE RADIAL TEMPLATES TO INSURE EXACT RADII FROM FLAT BOTTOM OF BOWL/PIPE/ FACE OF COPING. TEMPLATE SHALL BE FABRICATED FROM STEEL OR 3/4" MINIMUM PLYWOOD. CHECK EVERY HORIZONTAL FOOT WHEN APPLYING SHOTCRETE FOR CONFORMANCE OF INTENDED WALL RADII. BRACE TEMPLATE AND PLACE LEVELS AT ARC TO TANGENT CONNECTIONS TO INSURE NO KINKS WILL BE FORMED. KINKS AT THE BOTTOM OF BOWLS WILL NOT BE ACCEPTABLE. SLUMPING OF THE SHOTCRETE CAUSING COPING SETBACK WILL NOT BE ACCEPTABLE.
- B.4.6. REMOVE ANY REBOUND OR ACCUMULATED LOOSE AGGREGATE FROM SURFACES TO BE COVERED PRIOR TO PLACING THE INITIAL OR ANY SUCCEEDING LAYERS OF SHOTCRETE. REBOUND SHALL NOT BE USED AS AGGREGATE.
- B.5. PLACEMENT AROUND REINFORCEMENT:
- B.5.1. HOLD THE NOZZLE AT SUCH DISTANCE AND ANGLE TO PLACE MATERIALS BEHIND REINFORCEMENT BEFORE ANY MATERIAL IS ALLOWED TO ACCUMULATE ON ITS FACE.
- B.6. ACCESS: ALLOW EASY ACCESS TO SHOTCRETE SURFACES FOR SCREEDING AND FINISHING, PERMITTING UNINTERRUPTED APPLICATION.

- 3.5 REMOVAL OF SURFACE DEFECTS IN CONCRETE**
- A. GENERAL: REMOVE AND REPLACE SHOTCRETE WHICH LACKS UNIFORMITY, EXHIBITS SEGREGATION, HONEYCOMBING, OR LAMINATION, OR WHICH CONTAINS ANY DRY PATCHES, SLUGS, VOIDS OR POCKETS. REMOVE DEFECTIVE AREAS.

- 3.6 SHOTCRETE FINISH**
- A. FINISH: ALL EXPOSED SHOTCRETE SURFACES ARE TO BE HARD STEEL TROWEL FINISH UNLESS OTHERWISE NOTED. TROWEL UNTIL ALL VISIBLE POURS ARE CLOSED. CEASE TROWEL BEFORE GLASS FORMS ON SURFACE. DO NOT BROOM FINISH AND DO NOT BURN SURFACE.
- B. GRINDING THE SURFACES WILL NOT BE AN ACCEPTABLE MEANS OF ACHIEVING THE INTENDED RADI/ANGLE.
- C. COLOR: ALL SHOTCRETE SURFACES ARE TO BE NATURAL GRAY COLOR UNLESS OTHERWISE NOTED. MINOR VARIATIONS IN APPEARANCE OF COLORED CONCRETE, WHICH ARE SIMILAR TO NATURAL VARIATIONS IN COLOR AND APPEARANCE OF UNCOLORED CONCRETE, ARE ACCEPTABLE. DO NOT BROOM FINISH AND DO NOT TROWEL BURN SURFACE.
- D. DURING THE CURING PERIOD, CONCRETE SHALL BE MAINTAINED AT A TEMPERATURE ABOVE 40 DEGREES FAHRENHEIT 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. COVER CONCRETE WITH POLYETHYLENE PLASTIC TO MAINTAIN TEMPERATURE IF NECESSARY. LAP SEAMS IN THE PLASTIC 6" AND WEIGH DOWN.
- E. THE CONTRACTOR SHALL FIX ALL CRACKS AND DISPLACEMENTS LARGER THAN 1/8" UP TO THE PROJECT COMPLETION.

- 3.7 CONCRETE PROTECTION AND CURING**
1. GENERAL: PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. COMPLY WITH ACI 306.1 FOR COLD-WEATHER PROTECTION AND FOLLOW RECOMMENDATIONS IN ACI 305R FORHOT-WEATHER PROTECTION DURING CURING. KEEP MOIST FOR NECESSARY AMOUNT OF TIME TO REACH CONCRETE STRENGTH AND INHIBIT MOISTURE LOSS AFTER PLACING.
2. EVAPORATION RETARDANT: WATERBORNE, MONOMOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE, SUCH AS EUCOBAR EVAPORATION RETARDANT BY THE EUCLID CHEMICAL COMPANY. APPLY EVAPORATION RETARDANT TO CONCRETE SURFACES IF HOT, DRY, OR WINDY CONDITIONS CAUSE MOISTURE LOSS BEFORE AND DURINGFINISHING OPERATIONS. APPLY TO EXPOSED SURFACE OF CONCRETE ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS AS NECESSARY.

3. BEGIN CURING AFTER FINISHING CONCRETE, BUT NOT BEFORE FREE WATER HAS DISAPPEARED FROM CONCRETE SURFACE.
4. CURING METHODS: CURE CONCRETE BY CURING COMPOUND, MOISTURE CURING, MOISTURE-RETAINING-COVER CURING, OR A COMBINATION OF THESE AS FOLLOWS:

- A. CURING COMPOUND: MEET REQUIREMENTS OF MANUFACTURER'S CURRENT PRINTED APPLICATION INSTRUCTIONS AND COVERAGE RATE CHART. FOR HORIZONTAL APPLICATIONS, IMMEDIATELY APPLY AFTER ALL SURFACE WATER HAS DISAPPEARED AND THE CONCRETE SURFACE IS HARD ENOUGH TO WALK ON. FOR VERTICAL APPLICATIONS, APPLY IMMEDIATELY AFTER REMOVING THE CONCRETE FORMS. APPLY IN A UNIFORM AND CONTINUOUS MANNER. AVOID OVER-APPLICATION OR PUDDLING OF CURING COMPOUND. PROTECT SURFACE FROM WATER, ADJACENT SHOTCRETE WORK, AND DEBRIS.
- B. MOISTURE CURING: KEEP SURFACES CONTINUOUSLY MOIST FOR NOT LESS THAN SEVEN DAYS WITH THE FOLLOWING MATERIALS:
- B.1. WATER.
- B.2. CONTINUOUS WATER-FOG SPRAY.
- B.3. ABSORPTIVE COVER, WATER SATURATED, AND KEPT CONTINUOUSLY WET. COVER CONCRETE SURFACES AND EDGES, OVERLAP SEAMS MIN. 6" BETWEEN ADJACENT ABSORPTIVE COVERS.
- C. MOISTURE-RETAINING-COVER CURING:
- C.1. COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE, PLACED IN WIDEST PRACTICABLE WIDTH, WITH SIDES AND ENDS LAPPED AT LEAST 6 INCHES.

- 3.8 CURING MATERIALS**
1. ABSORPTIVE COVER: AASHTO M 182, CLASS 2, BURLAP CLOTH MADE FROM JUTE OR KENAF, WEIGHING APPROXIMATELY 90Z./SQ. YD. DRY.
2. MOISTURE-RETAINING COVER: ASTM C 171, POLYETHYLENE FILM OR WHITE BURLAP-POLYETHYLENE SHEET (BUR LENE).
3. WATER: POTABLE.
4. CURING COMPOUND: ASTM C-309, CLEAR, WATER-BASED, NO VOLATILE, NON-STAINING, MEMBRANE-FORMING, COMPATIBLE WITH SUBSEQUENT CONCRETE TREATMENTS. ACCEPTABLE PRODUCT: W.R. MEADOWS 1100-CLEAR, OR APPROVED EQUAL.

- 3.9 CONCRETE JOINTS**
- A. CLEANING: THE ENTIRE JOINT SHALL BE THOROUGHLY CLEANED AND WETTED PRIOR TO THE APPLICATION OF ADDITIONAL SHOTCRETE.
- B. REINFORCEMENT: MAKE JOINTS PERPENDICULAR TO THE MAIN REINFORCEMENT. CONTINUE REINFORCEMENT ACROSS JOINTS.

- 3.10 CRACKING**
- A. SAW CUT CONTROL JOINTS AND CONSTRUCTION JOINTS MAY BE SHOWN IN IN THE CONSTRUCTION DRAWINGS FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR MAY INSTALL ALTERNATE CRACK CONTROL AT ITS DISCRETION.
- B. THE CONTRACTOR SHALL FIX ALL CRACKS AND DISPLACEMENTS LARGER THAN 1/8" UP TO PROJECT COMPLETION.



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PROJECT TITLE
VALLOTION PARK SKATEPARK
 SHEET TITLE
SPECIFICATIONS

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 DOCUMENTS BY
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 DH, MB
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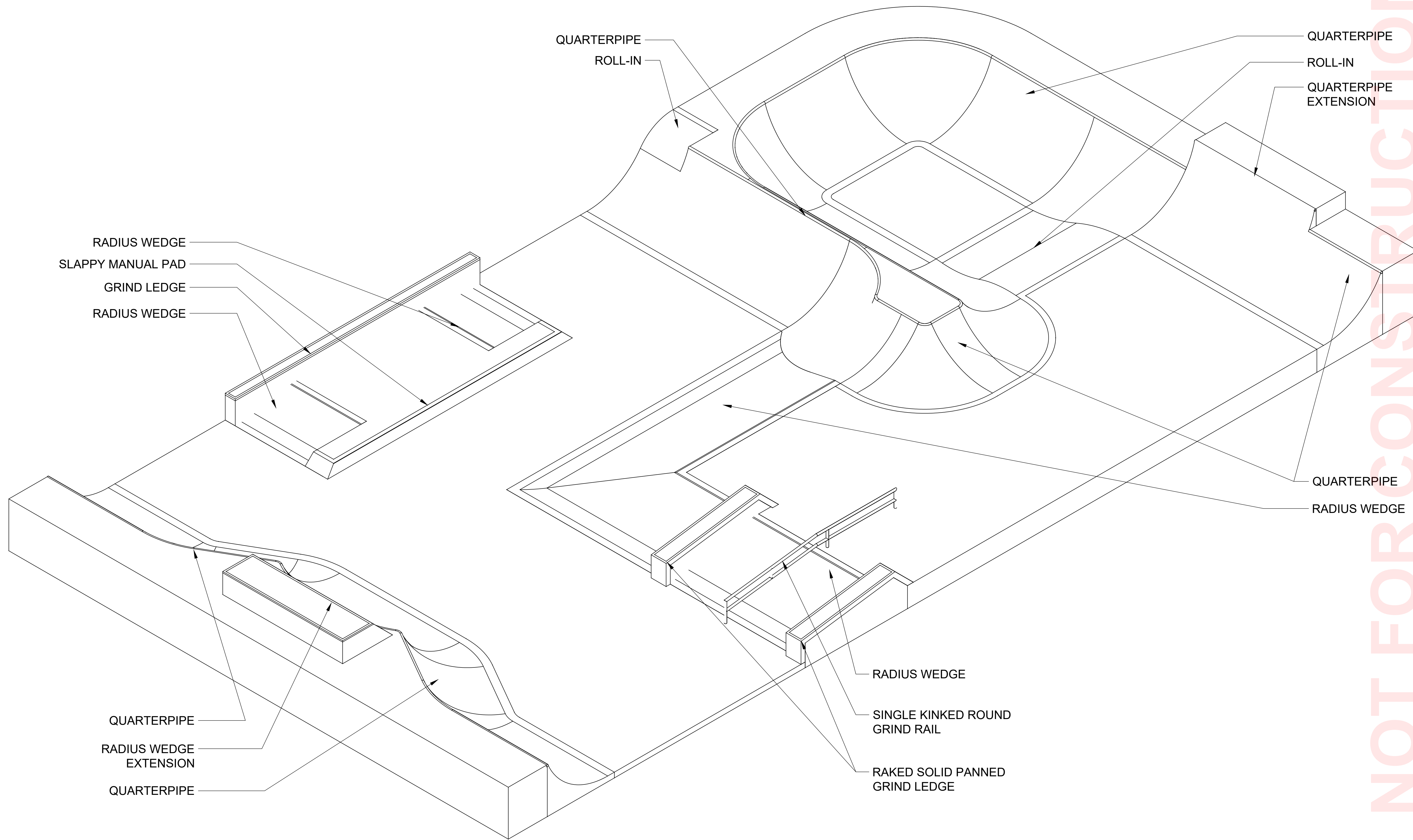
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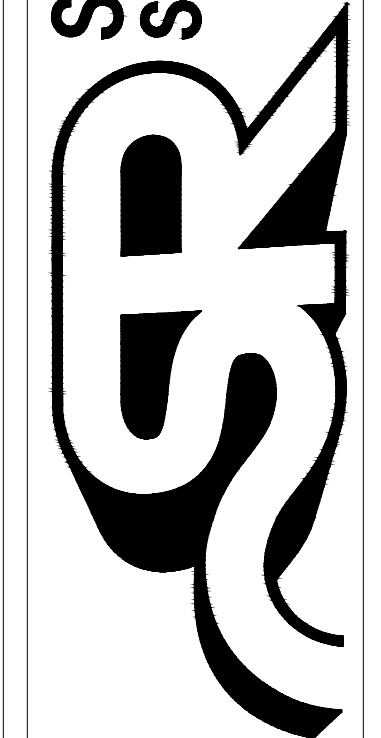
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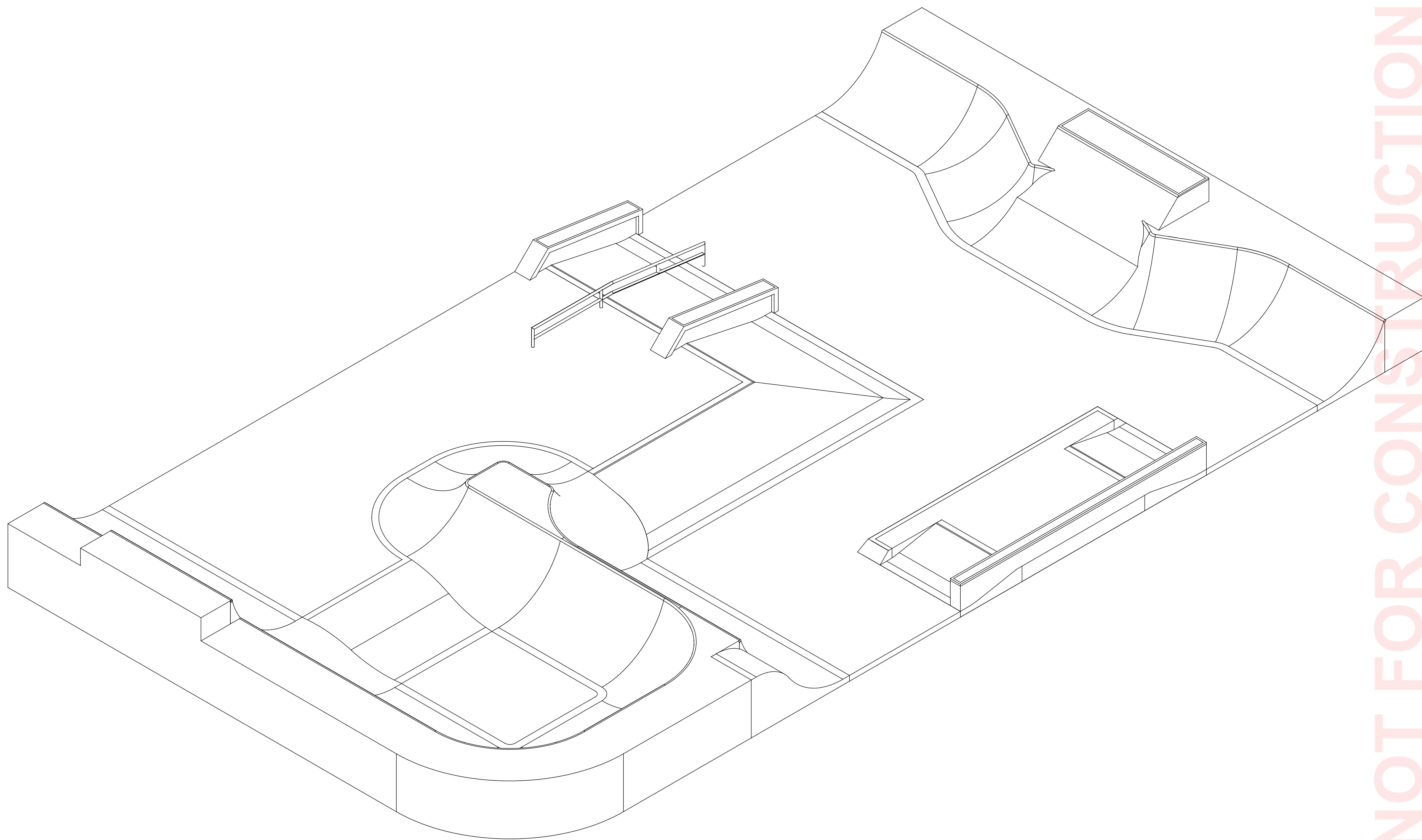


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<p>PROJECT TITLE VALLOTION PARK SKATEPARK</p> <p>SHEET TITLE 3D PERSPECTIVE</p>	<p>SKATE PARK DESIGNED BY STAMP: DS</p> <p>DOCUMENTS BY AL, CR</p> <p>PLAN CHECKED BY DH, MB</p> <p>DATE 5/1/2026</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO	DATE	DESCRIPTION												
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 SKATEPARK**

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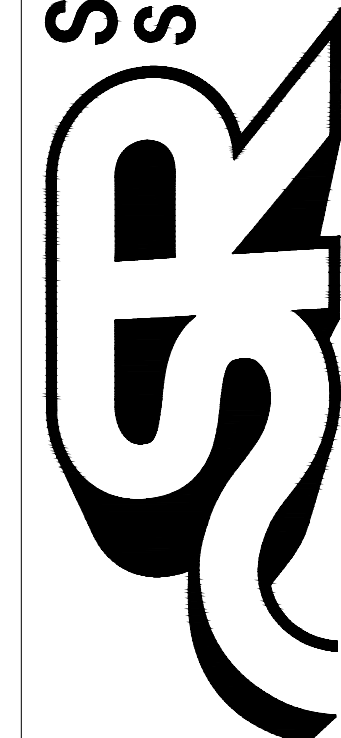
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SITE SCHEDULE

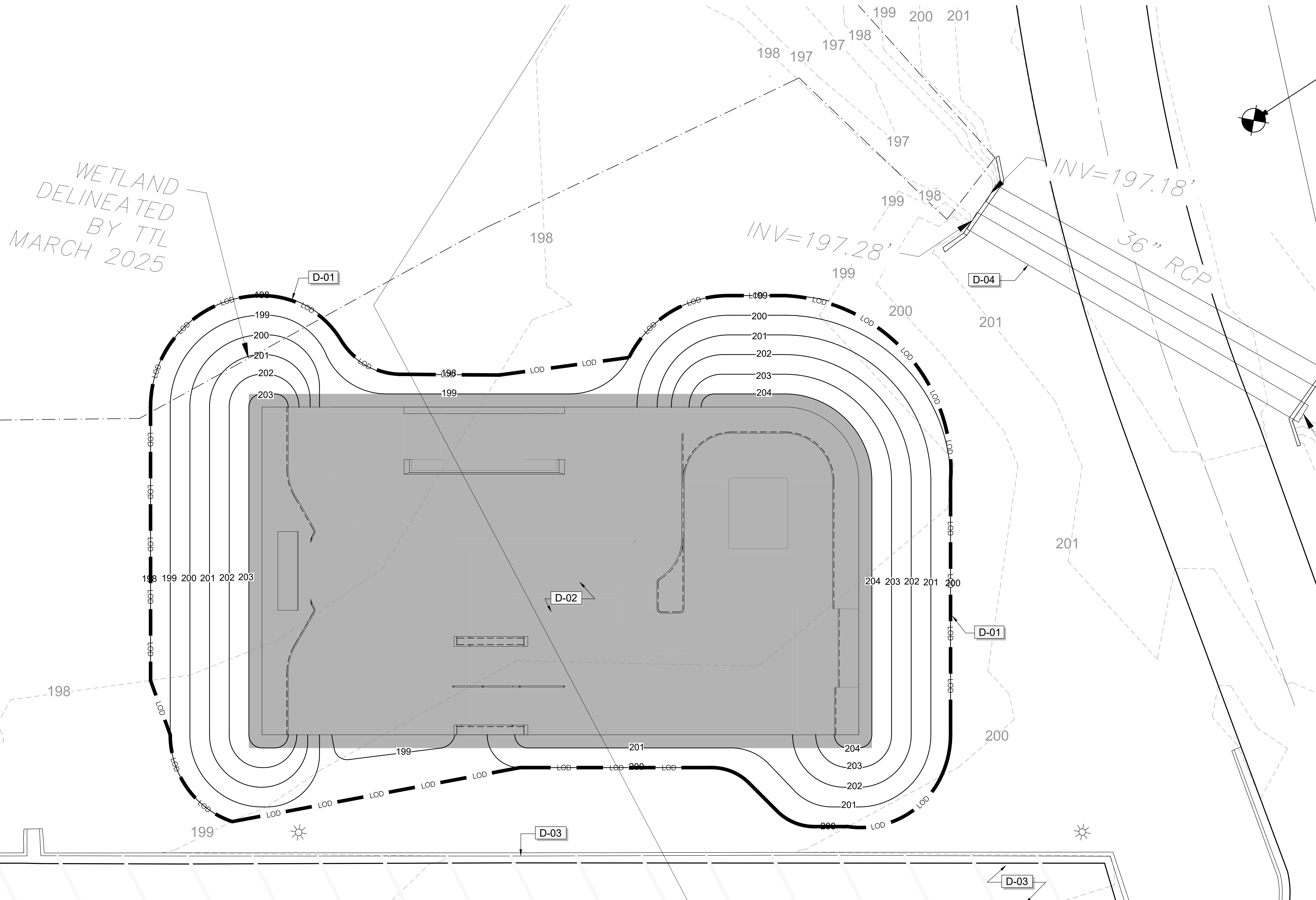
SYMBOL	CODE	DESCRIPTION
	D-01	LIMIT OF DISTURBANCE
	D-02	CLEAR AND GRUB SITE PER SKATEPARK SPECIFICATIONS ON SK2.0 + SK2.1, BY OWNER
	D-03	PROTECT EXISTING PARKING LOT + CURB
	D-04	PROTECT EXISTING STORM SYSTEM

DEMOLITION PLAN GENERAL NOTES:

- DEMOLITION SHOWN ON THIS PLAN IS A MINIMUM REQUIREMENT. CONTRACTOR SHALL DEMOLISH, RELOCATE, AND/OR REMOVE ALL PORTIONS OF THE EXISTING UTILITIES AND SITE ELEMENTS NECESSARY TO ACHIEVE THE WORK SHOWN AS SPECIFIED.
- CONTRACTOR TO PHASE DEMOLITION TO ACCOMMODATE AND FACILITATE CONTINUAL OCCUPANCY OF ADJACENT PROPERTIES AND SITE FACILITIES AND SAFETY OF CITY EMPLOYEES AND THE PUBLIC IN AND AROUND THOSE FACILITIES.
- MEANS AND METHODS TO LOCATE EXISTING ELEMENTS ARE THE CONTRACTOR'S RESPONSIBILITY.
- ALL PAVEMENT TO BE PER PLAN.
- ALL VOIDS/HOLES/DEPRESSIONS LEFT FROM DEMOLITION MUST BE FILLED AND COMPACTED PER SOILS REPORT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ANY EXISTING SITE ELEMENTS SPECIFIED TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION OPERATIONS UNLESS PREVIOUSLY DISCUSSED WITH AND APPROVED BY THE OWNER
- CONCRETE AND OTHER MATERIALS TO BE DEMOLISHED WITHIN THE SCOPE OF THIS PROJECT SHALL BE RECYCLED PER STATE GUIDELINES. CONTRACTOR SHALL PROVIDE EFFORT IN RECYCLING CONSTRUCTION DEBRIS GENERATED FROM THIS PROJECT.

NOTES:

CONTRACTOR TO COORDINATE STAGING AREA AND CONSTRUCTION ENTRANCE WITH OWNER BEFORE COMMENCING WORK. OWNER TO RESTORE CONSTRUCTION ENTRANCE LOCATION AFTER CONSTRUCTION IS COMPLETE.



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PROJECT TITLE
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SHEET TITLE
SITE PLAN

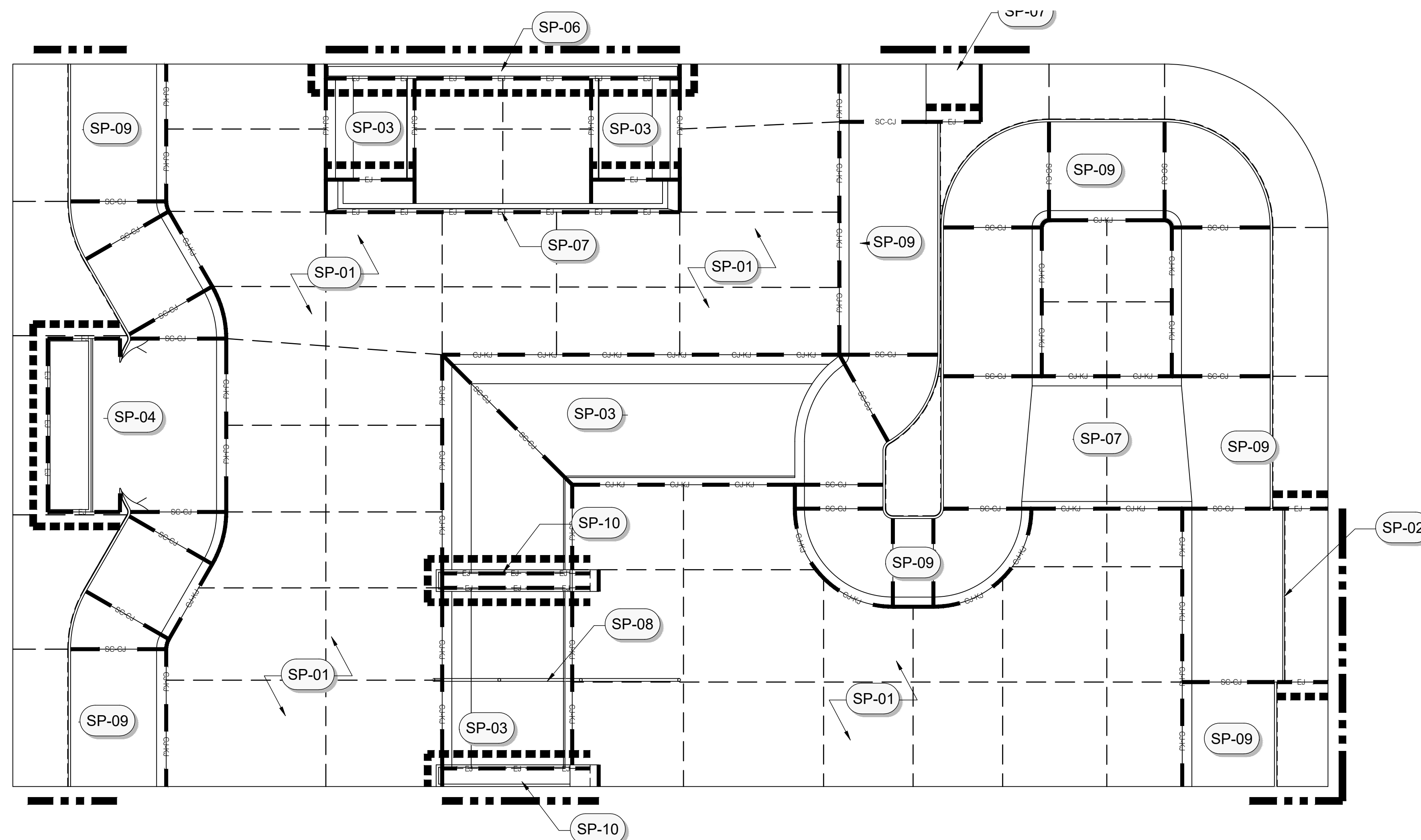
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JOINTING SCHEDULE

CODE	DESCRIPTION	DETAIL
H-01	EXPANSION JOINT EJ	6/SK10.0
H-02	COLD JOINT OR KEY JOINT CJ/KJ	8/SK10.0
H-03	SAWCUT JOINT	7/SK10.0
H-04	TURNDOWN EDGE AT FINISH SURFACE	4/SK10.0
H-05	TURNDOWN EDGE AT FINISH GRADE	5/SK10.0
H-06	SC OR CJ - FIELD DETERMINED	

INFORMATION SCHEDULE

CODE	DESCRIPTION	DETAIL
SP-01	5" THICK CONCRETE FLATWORK	1/SK10.0
SP-02	QUARTERPIPE EXTENSION	15/SK10.0
SP-03	QUARTERPIPE	14/SK10.0
SP-04	RADIUS WEDGE	16/SK10.0
SP-05	RADIUS WEDGE EXTENSION	3/SK10.1
SP-07	GRIND LEDGE	2/SK10.1
SP-08	ROLL-IN	1/SK10.1
SP-09	SINGLE KINKED ROUND GRIND RAIL	12/SK10.0
SP-10	RAKED SOLID PANNED GRIND LEDGE	4/SK10.1



JOINTING NOTES:

1. JOINTING LAYOUT PLAN HAS BEEN DEVELOPED TO PROVIDE GUIDANCE TO THE CONTRACTOR FOR THE USE OF SAWCUTS, COLD + EXPANSION JOINTS. ACTUAL FIELD VARIANCES MAY BE NECESSARY AND WILL TAKE PRECEDENCE OVER THIS GUIDE. A CONTRACTOR SHALL CUT/JOINT CONCRETE AS NEEDED TO HELP MINIMIZE CRACKING AND ENHANCE SKATEABILITY.
2. ALIGN SAWCUTS WITH EXPANSION AND COLD JOINTS AND START FROM CORNERS WHERE POSSIBLE TO HELP MINIMIZE CRACKING. SAWCUTS SHOULD BE APPROXIMATELY 10"x12" AND/OR APPROXIMATELY 120 SQUARE FEET WITH ROUGHLY A 2:1 ASPECT RATIO BETWEEN SAWCUTS AND COLD OR EXPANSION JOINTS.
3. ALL HORIZONTAL SAWCUTS TO BE FILLED WITH SELF-LEVELING POLYURETHANE BASE ELASTOMERIC SEALANT AND TOOLED FLAT. EXPANSION JOINTS AND VERTICAL SAWCUTS TO BE FILLED WITH POLYURETHANE BASED NONSAGGING ELASTOMERIC SEALANT AND TOOLED FLAT. COLOR OF JOINT SEALANT SHOULD RESEMBLE NATURAL COLOR OF CONCRETE (ALUMINUM GRAY / LIMESTONE, OR SIMILAR)
4. ALL JOINTS TO BE FILLED WITH SEALANT, SEE TYPICAL DETAILS FOR MORE INFORMATION.

GENERAL NOTES:

1. THE SLAB CONFIGURATION, NOTES, LOCATION OF EXPANSION JOINTS, COLD JOINTS, SAW CUTS, DETAIL REFERENCES, AND APPLICABLE DETAILS HAVE BEEN INCLUDED FOR CLARITY. JOINTS AND DETAILS SHOWN ARE FOR THE SKATEPARK ONLY. REFER TO THE LANDSCAPE PLANS FOR SCOPES BEYOND THE SKATEPARK.
2. SUGGESTED ORDER OF CONSTRUCTION FOR CONCRETE ELEMENTS WITHIN THE SKATEPARK FOOTPRINT:
 - A. SUBSURFACE DRAINAGE
 - B. SUBGRADE PREP - GRADE, MOISTURE CONDITION, AND COMPACT SKATEPARK FOOTPRINT TO +/- .1' OF SPECIFIED SUBGRADE ELEVATIONS.
 - C. FINE GRADING
 - D. LEDGES AND MANUAL PADS
 - E. BANKS AND TRANSITIONS
 - F. GRIND RAIL FOOTING INSTALLATION
 - G. FLOOR SLAB/FLATWORK
3. ALL EXPOSED CONCRETE AND SHOTCRETE SURFACES TO BE NATURAL GRAY IN COLOR WITH HARD STEEL TROWEL FINISH UNLESS OTHERWISE SPECIFIED.

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NO	DATE	REVISIONS DESCRIPTION
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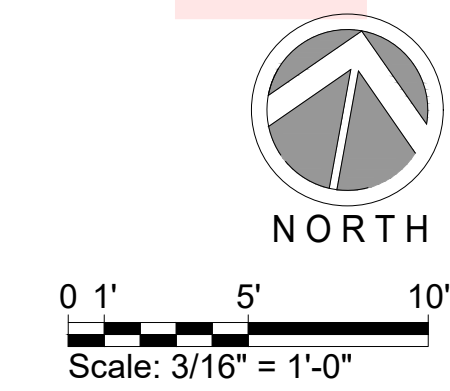
SKATE PARK DESIGNED BY	ISTAMP:
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DOCUMENTS BY	
AL, CR	
PLAN CHECKED BY	
DH, MB	
DATE	5/1/2026

PROJECT TITLE
VALLOTTON PARK SKATEPARK

SHEET TITLE
INFORMATION PLAN

SHEET
SK5.0

OF XX

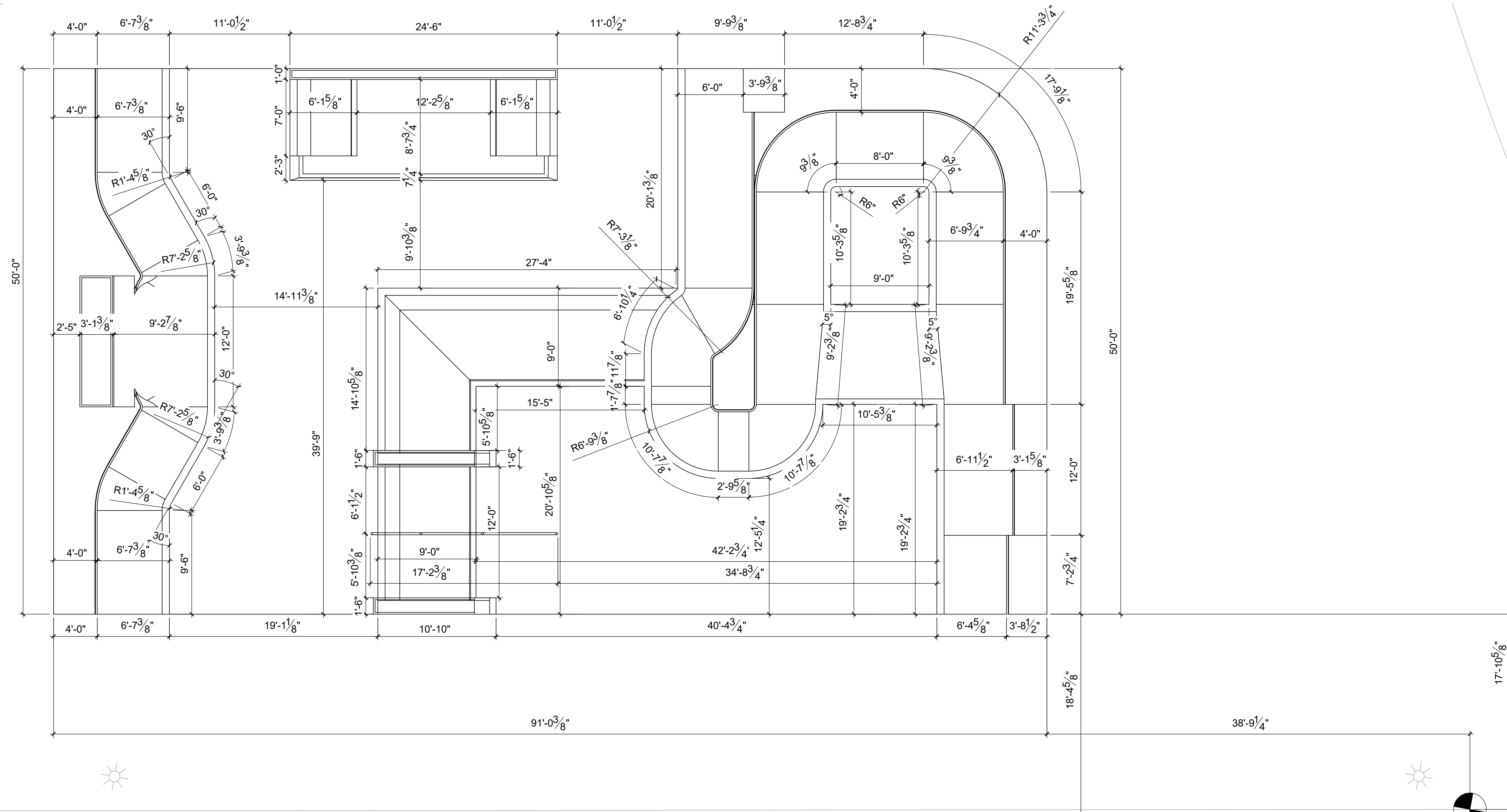


CONSTRUCTION NOTES:

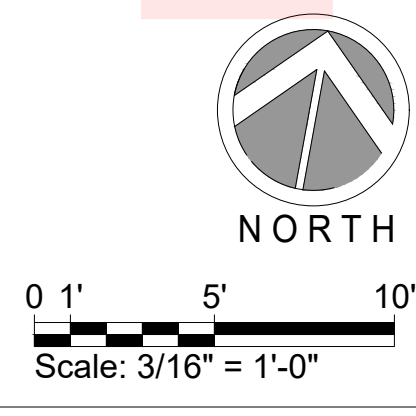
- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO ALL APPLICABLE GOVERNING CODES AND ORDINANCES.
- ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO POURING (GIVE A MINIMUM OF 24 HOURS NOTICE)
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PUBLIC IMPROVEMENTS, INCLUDING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN-KIND ALL PUBLIC IMPROVEMENTS DAMAGED, BROKEN, OR REMOVED DURING CONSTRUCTION
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS (UNLESS OTHERWISE NOTED).
- ALL REBAR CROSSINGS TO BE TIED.
- ALL CONSTRUCTION TO BE PLUMB AND TRUE, UNLESS OTHERWISE NOTED OR INDICATED.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE SKATE PARK DESIGNER, OWNER/BUILDER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND FOR SAFETY CONDITIONS AT THE WORK SITE.
- ALL BRACING, TEMPORARY SUPPORTS, SHORING, ETC.. ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- OBSERVATION VISITS TO THE JOB SITE BY THE SKATE PARK DESIGNER OR OWNER, DO NOT INCLUDE INSPECTION OF CONSTRUCTION PROCEDURES. THE VISIT SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.

- CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
- THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED CONSTRUCTION PRODUCT. THESE DOCUMENTS, ALTHOUGH PREPARED WITH CARE AND DILIGENCE, MAY CONTAIN ERRORS, OMISSIONS, CONTRADICTIONS, ETC. THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS THOROUGHLY AND SHALL NOTIFY THE SKATE PARK DESIGNER IMMEDIATELY UPON ANY SUCH DISCOVERY OR DISCREPANCY. GOVERNING CODES SHALL THEN APPLY.
- ALL SCALE DIMENSIONS ARE APPROXIMATE. WRITTEN DIMENSIONS AND DETAILS TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL CHECK AND VERIFY ALL SITE DIMENSIONS PRIOR TO PROCEEDING WITH WORK AND CLARIFY WITH SKATE PARK DESIGNER, OWNER IF NECESSARY.
- DESIGN, MATERIAL, EQUIPMENT AND PRODUCTS OTHER THAN THOSE DESCRIBED OR INDICATED ON DRAWINGS MAY BE CONSIDERED FOR USE. APPROVAL FOR SUBSTITUTIONS SHALL BE OBTAINED FROM THE SKATE PARK DESIGNER.
- SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE CLARIFICATION OF DESIGN CONCEPT DETAILS & SUBSTITUTIONS.
- DURING WORK AND THROUGH ITS COMPLETION, THE CONTRACTOR SHALL KEEP THE SITE CLEAN TO THE SATISFACTION OF THE OWNER.
- FINAL MATERIAL, FINISHES AND COLOR SHALL BE APPROVED BY OWNER AND SKATE PARK DESIGNER PRIOR TO INSTALLATION.
- CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.
- REFER TO SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION.

****ALL COLD JOINTS AT THE BOTTOM OF ALL RADIUS TRANSITIONS & RADIUS BANKS SHALL BE LOCATED 8" MAX. FROM THE POINT OF TANGENCY. SEE TYPICAL DETAILS FOR CLARIFICATION.**



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DOCUMENTS BY		AL, CR	
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DATE		5/11/2026	

PROJECT TITLE
VALLOTTON PARK SKATEPARK
 SHEET TITLE
LAYOUT PLAN

SHEET
SK6.0
 OF XX

GRADING NOTES

1. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LOCAL GRADING CODE AND ANY SPECIAL REQUIREMENTS OF THE GRADING PERMIT.
2. CONTRACTOR TO VERIFY GRADES AND NOTIFY OWNER'S CONSTRUCTION ADMINISTRATOR PRIOR TO START OF GRADING WORK.
3. ALL PREPARED SUBGRADE AREAS TO BE PAVED SHALL BE COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698 STANDARD PROCTOR METHOD.
4. SLOPES SHALL BE NO STEEPER THAN 3' HORIZONTAL TO 1' VERTICAL (3:1) AND SHALL HAVE NOT LESS THAN 90% COMPACTION OUT TO THEIR FINISH SURFACES.
5. ALL PAVED AREAS SHALL SLOPE AS SHOWN ON PLANS WITH A 2% MAXIMUM FALL. PLANTED AREAS SHALL HAVE A MINIMUM 2% FALL.
6. FINISH GRADE SHALL HAVE A UNIFORM SURFACE, FREE OF LUMPS, BUMPS AND DEPRESSIONS AND ANY OBJECTS THAT MAY PREVENT A POSITIVE FLOW TO DRAIN.
7. ALL PROPOSED PAVING SURFACES SHALL MEET EXISTING PAVING SURFACES WITH SMOOTH AND CONTINUOUS TRANSITIONS AND FLUSH ALONG ENTIRE EDGE.
8. CONCRETE WALKS TO HAVE A MAXIMUM CROSS SLOPE OF 2% AND SHALL MEET ALL CITY AND COUNTY REQUIREMENTS.
9. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS, EXISTING DRAINAGE STRUCTURES, PARKING LOT IMPROVEMENTS, AND FINISH FLOOR ELEVATIONS. NOTIFY THE OWNER'S CONSTRUCTION ADMINISTRATOR IMMEDIATELY UPON NOTING ANY DISCREPANCIES.
10. FINISH GRADE AT TURF AREAS SHALL BE ONE INCH BELOW FINISH SURFACE OF SIDEWALKS, CURBS OR PAVED AREAS. PLANTING AREA FINISH GRADE SHALL BE 2" BELOW SAME UNLESS OTHERWISE SPECIFIED.
11. ALL CONSTRUCTION AREAS SHALL BE FREE OF **ROCKS 3" OR LARGER**, DEBRIS, ETC. ALL EXISTING WEEDS SHALL BE REMOVED.
12. CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.

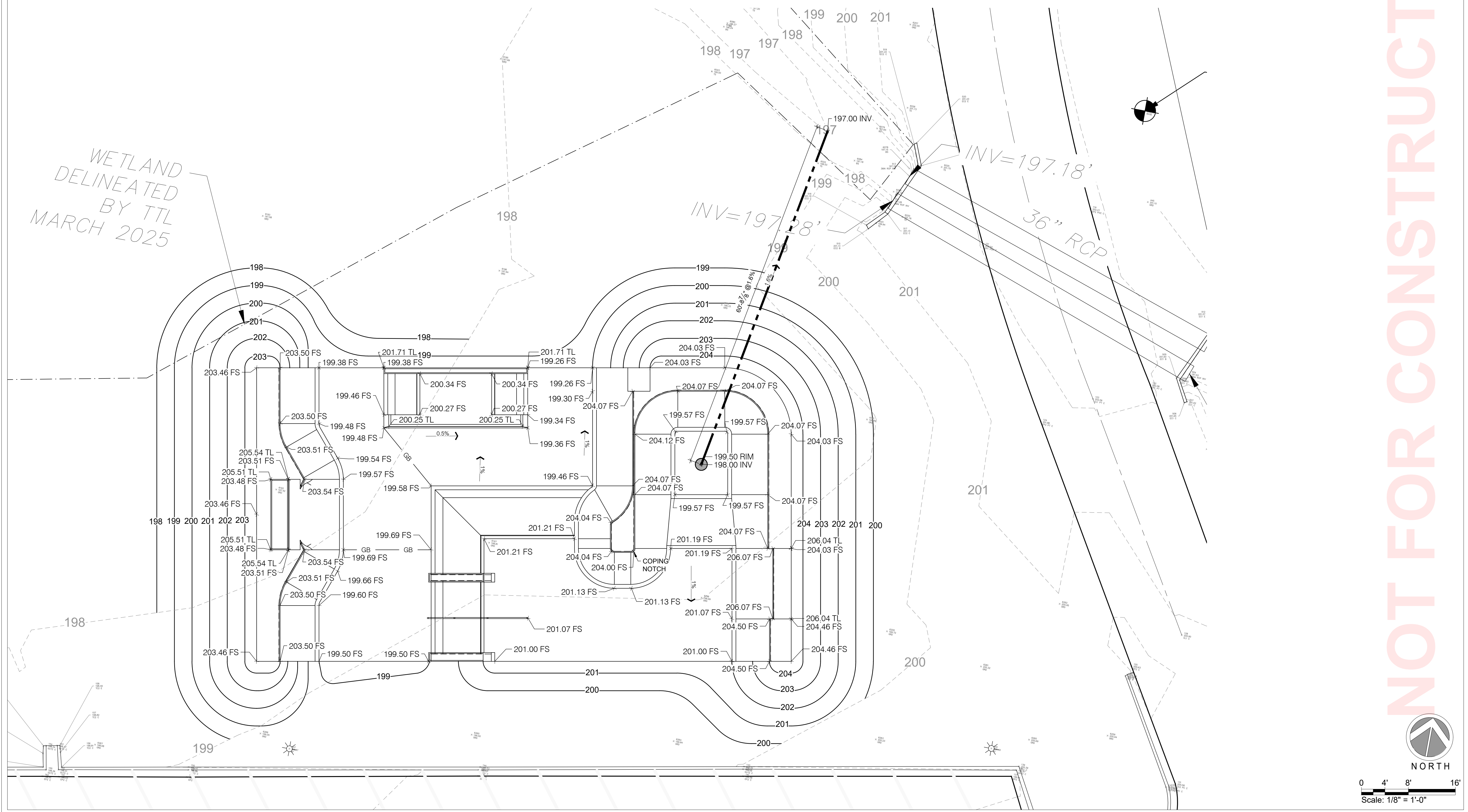
GRADING LEGEND:

- EXISTING CONTOURS
- PROPOSED CONTOURS
- GB — GB — PROPOSED GRADE BREAK
- XXX.XX FS PROPOSED ELEVATIONS
- PROPOSED FLOW DIRECTION
- BS BOTTOM OF STEP
- FG FINISH GRADE
- FS FINISH SURFACE
- HP HIGH POINT
- INV INVERT ELEVATION (MAY CHANGE IN FIELD)
- PA PLANTING AREA
- TD TOP OF DRAIN
- TL TOP OF LEDGE
- TP TOP OF PAD
- TR TOP OF RAIL
- TS TOP OF STEP
- XXX.XX EXISTING ELEVATION (VERIFY IN FIELD)

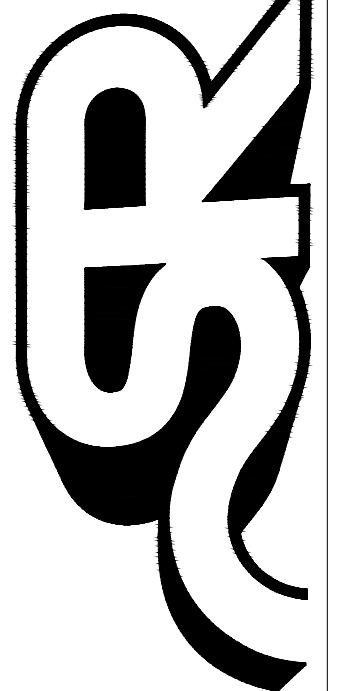
DRAINAGE SCHEDULE

CODE	DESCRIPTION	QTY	DETAIL
L-01	AREA DRAIN	1	3/SK10.0
L-02	4" SDR 35 DRAIN LINE	61 LF	

***INSERT* TYPICAL SLOPE DETAIL**



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PROJECT TITLE
**VALLOTION PARK
SKATEPARK**

SHEET TITLE
GRADING + DRAINAGE PLAN

SHEET
SK7.0
OF XX

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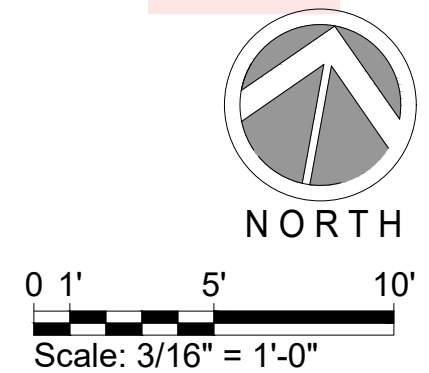
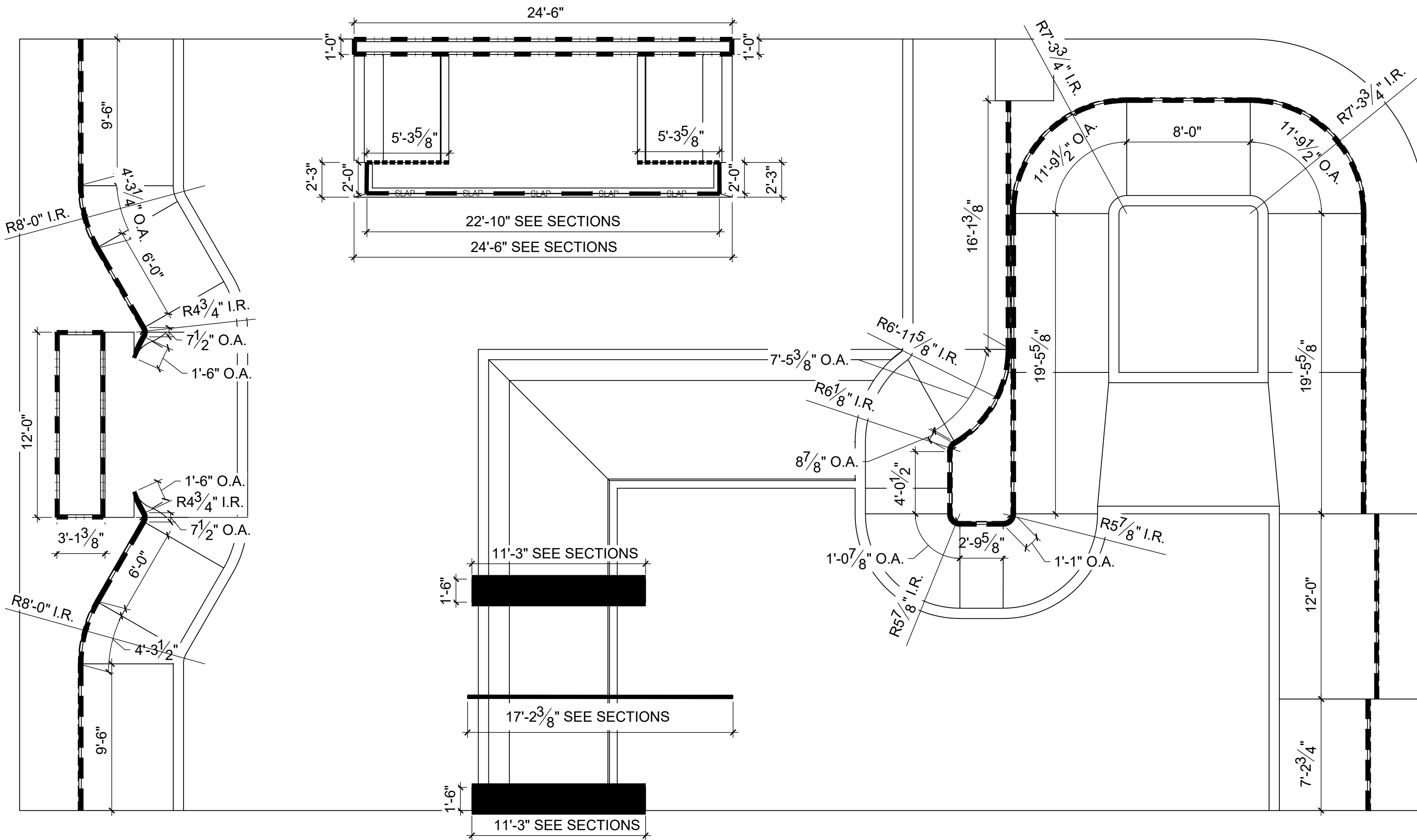
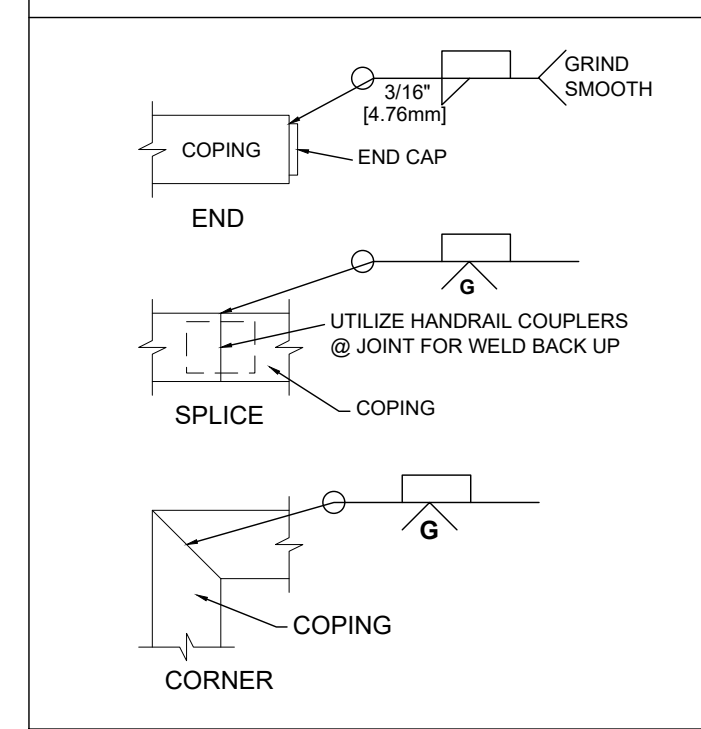
STEEL SCHEDULE

CODE	DESCRIPTION	DETAIL	FINISH
S-01	2-3/8" O.D. SCH. 40 STEEL COPING	13/SK10.0	POWDER COAT RAL #5002
S-02	1.5 X 2 X 3/16" THICK STEEL EDGING	9/SK10.0	POWDER COAT RAL #5002
S-03	STEEL PANNED ELEMENT		POWDER COAT RAL #5002
S-04	GRIND RAIL	12/SK10.0	POWDER COAT RAL #5002
S-05	FOLDED STEEL EDGING	11/SK10.0	POWDER COAT RAL #5002

STEEL NOTES :

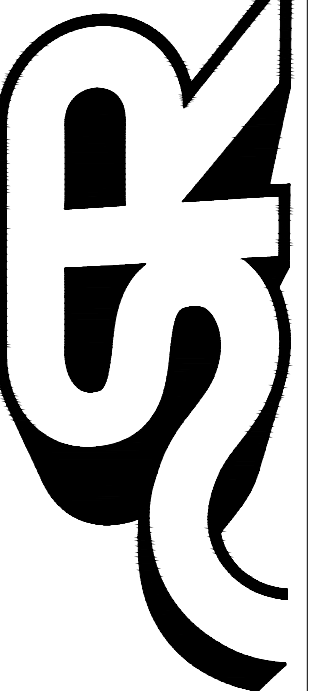
1. STEEL FINISH TO BE POWDER COATED RAL #5002 (ULTRAMARINE BLUE) AS INDICATED IN LEGEND FINISH.
2. FINISH MUST OCCUR AFTER ALL WELDING IS COMPLETE.
3. CAP ALL EXPOSED TUBE OR PIPE ENDS AND ROUND ALL SHARP EDGES.
4. ALL WELDS TO BE ALL AROUND.
5. GRIND ALL WELDS SMOOTH BEFORE FINISHING.
6. FABRICATE STEEL GRIND EDGES IN LONG SECTIONS THAT WILL WORK FOR SHIPPING AND REDUCE THE NUMBER OF WELDS IN THE FIELD.
7. CLEAN METAL EDGES AFTER PLACEMENT OF CONCRETE.
8. POWDER COATING REPAIR - USE AN APPROPRIATELY COLOR MATCHED POWDER COAT TOUCH-UP SPRAY PAINT ON WELDED OR DAMAGED POWDER COATED SURFACES.
9. SEE SECTION 05 50 00 - METAL FABRICATIONS OF SPECBOOK FOR SKATEPARKS FOR ALL STEEL SPECIFICATIONS.

COPING / RAIL JOINT WELDS



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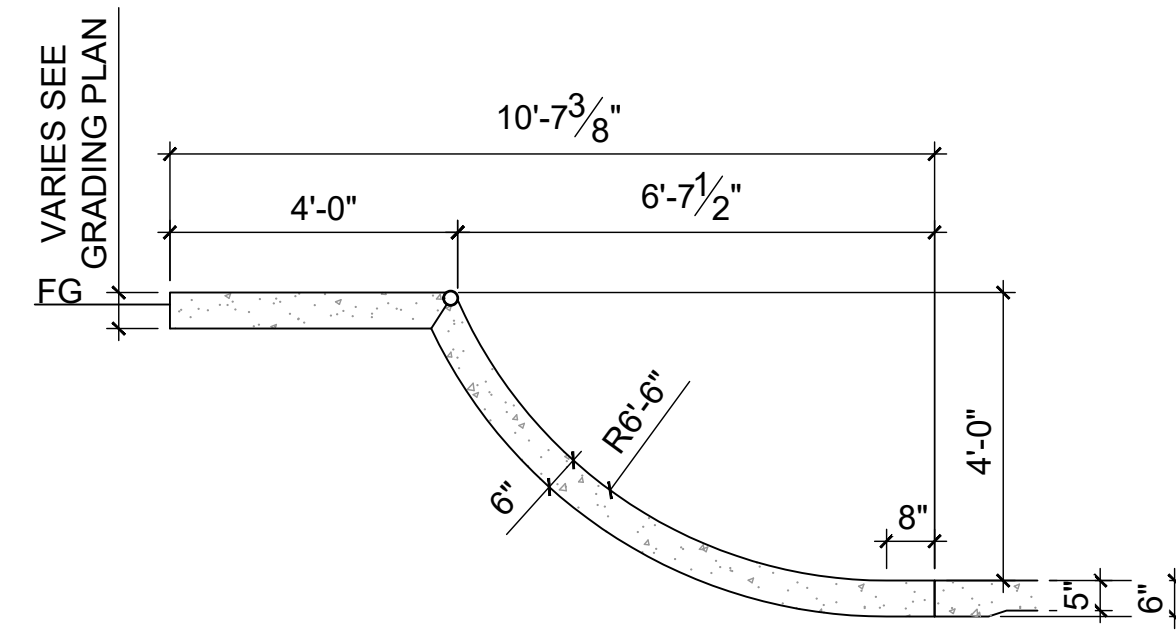
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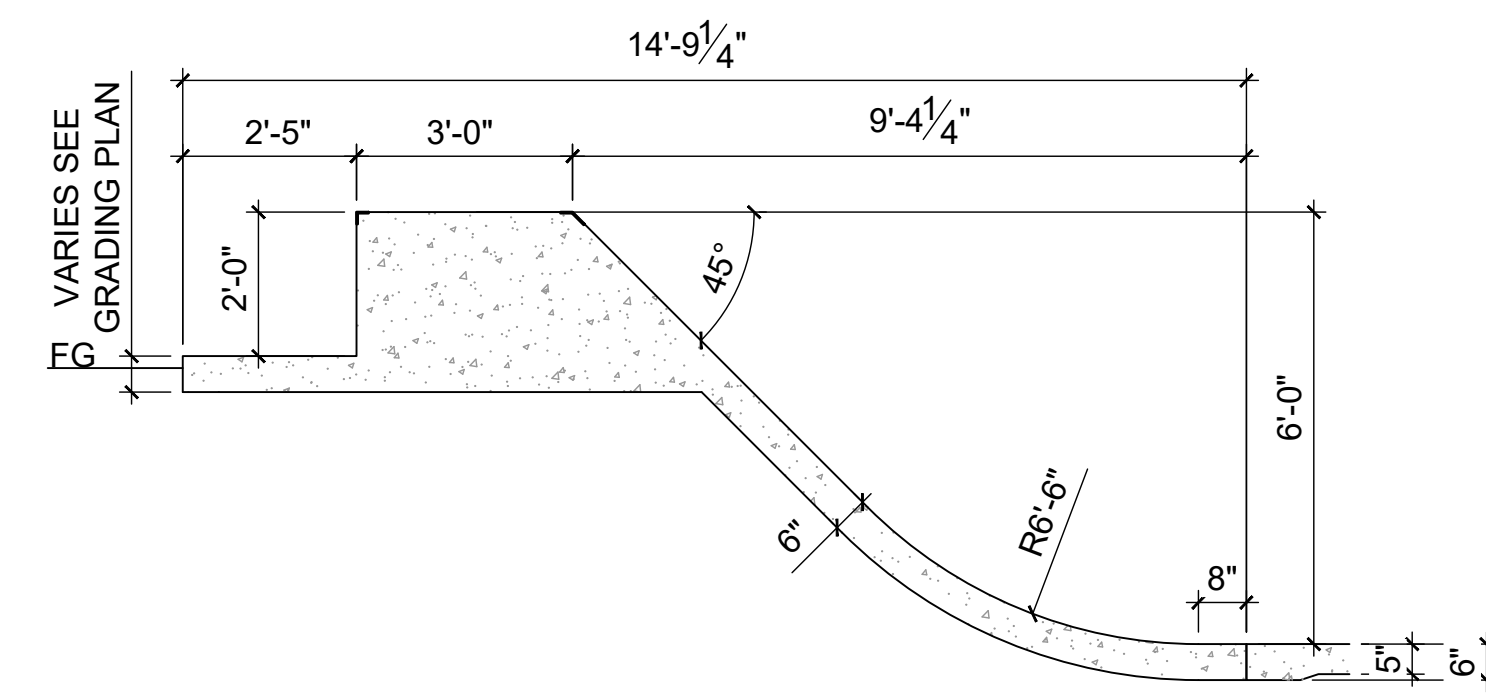
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PLAN CHECKED BY	DH, MB	
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PROJECT TITLE
VALLOTTON PARK SKATEPARK
 SHEET TITLE
STEEL PLAN

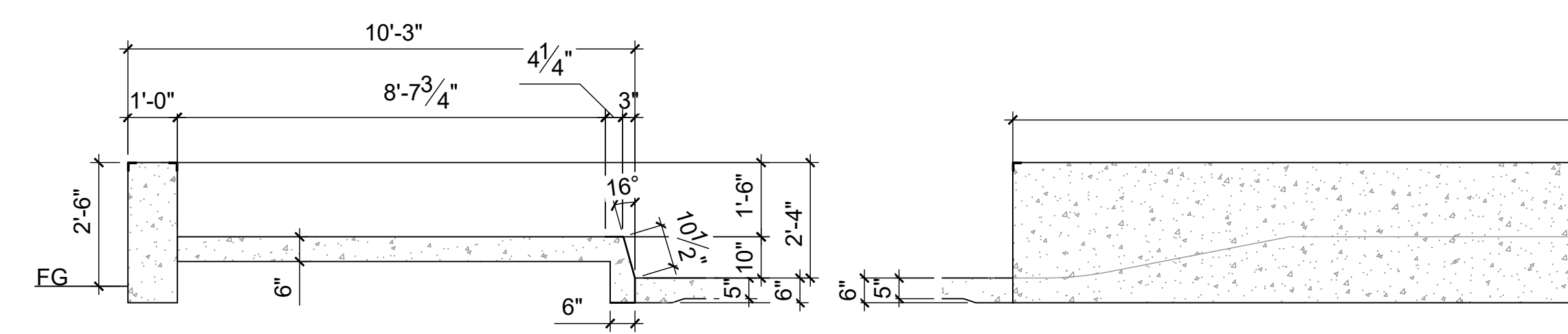
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SK8.0
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SECTION A



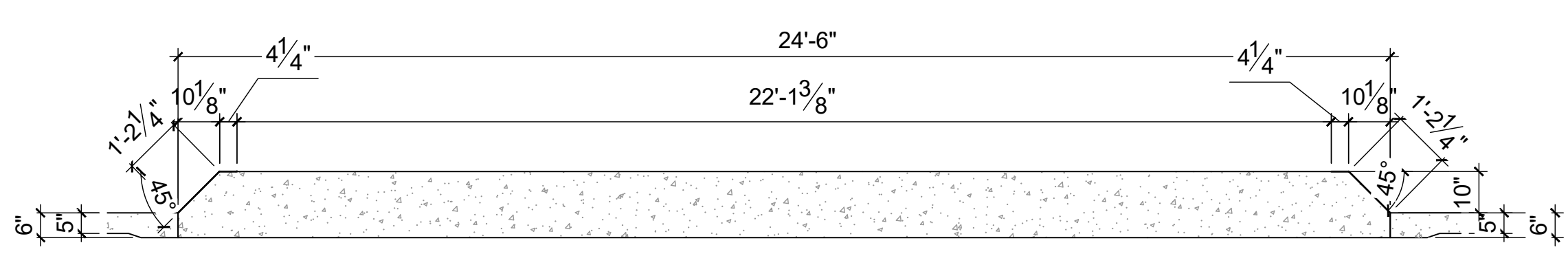
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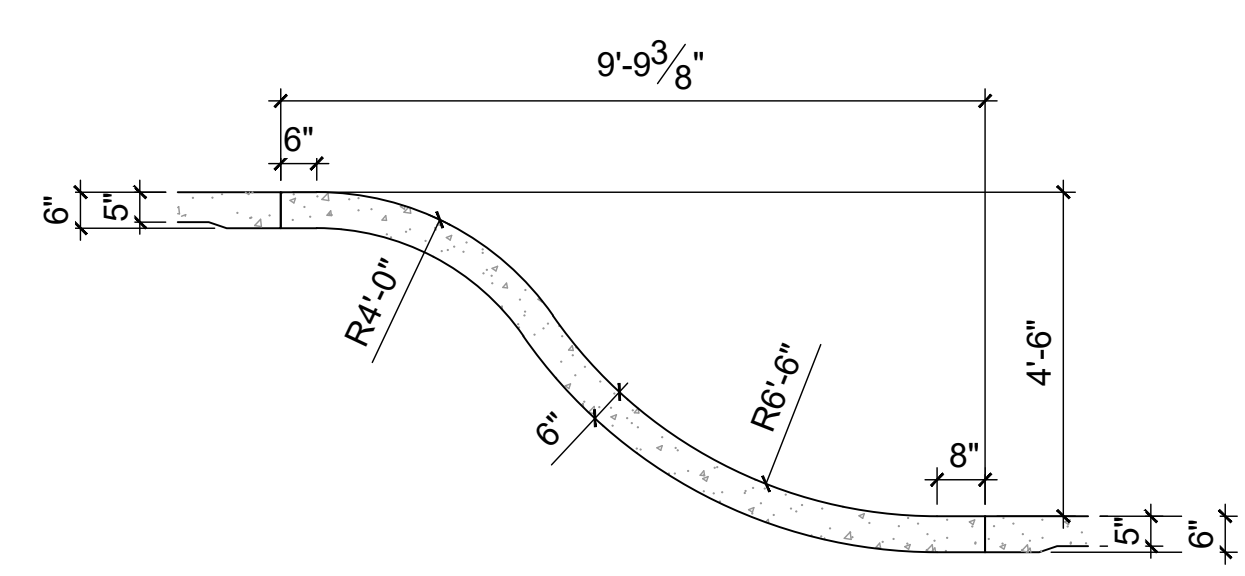
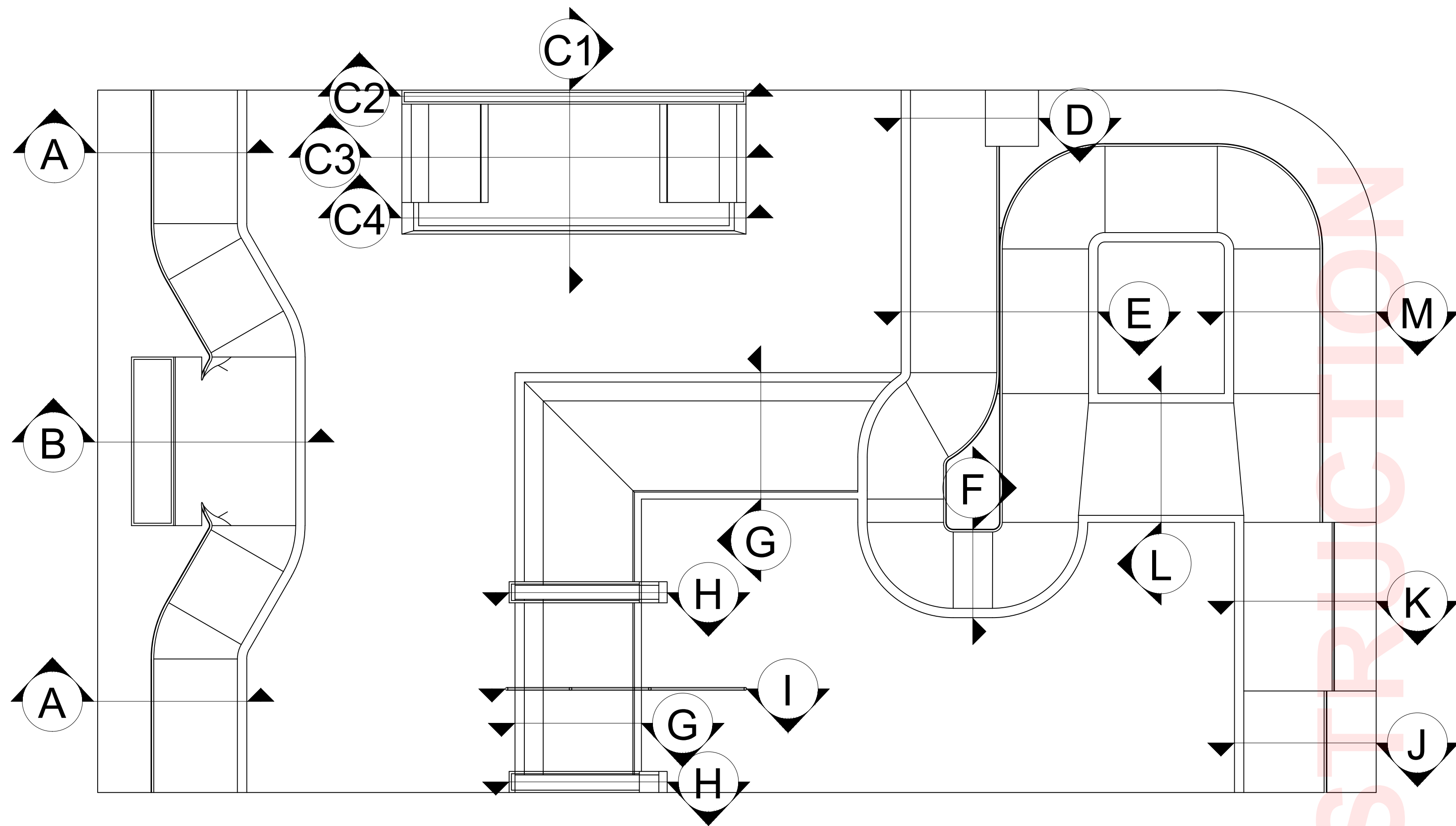
SECTION C1

SECTION C2

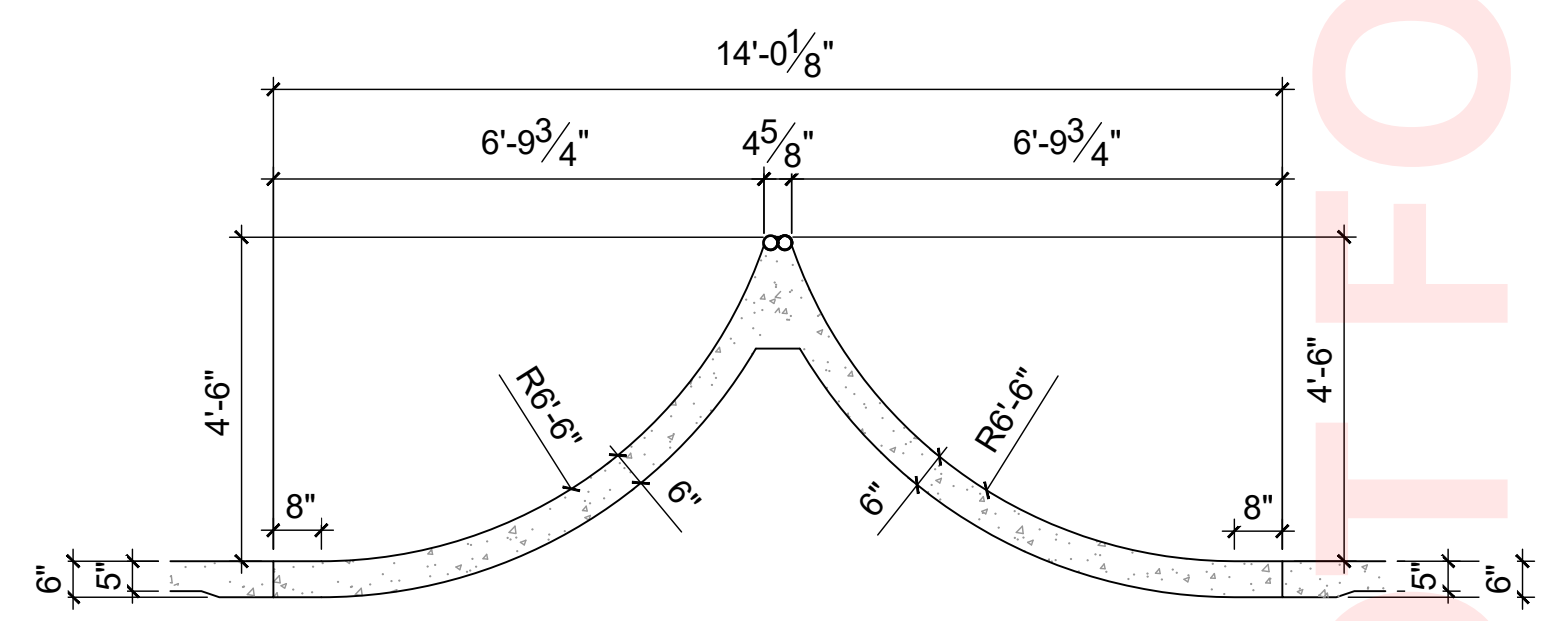
SECTION C3



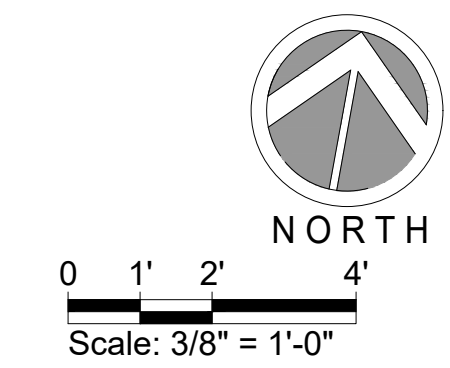
SECTION C3



SECTION D



SECTION E



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DH, MB			5/1/2026

PROJECT TITLE
VALLOTION PARK SKATEPARK

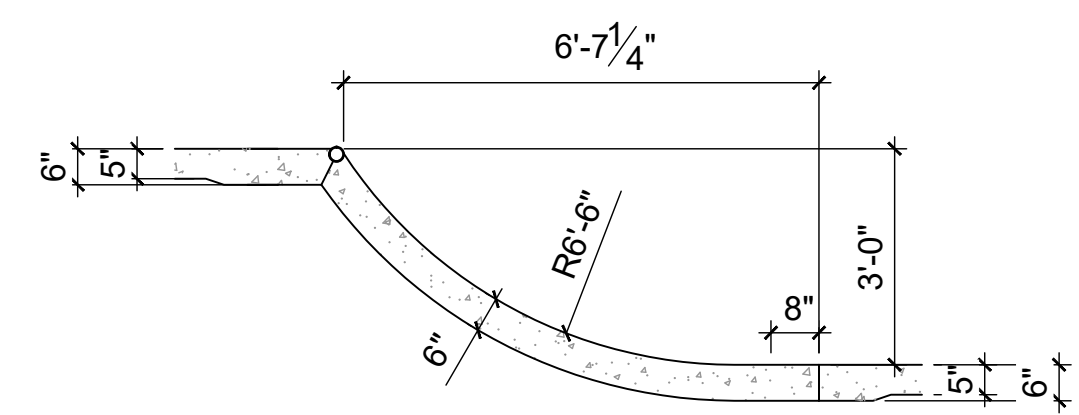
SHEET TITLE
SECTIONS

SHEET
SK9.0

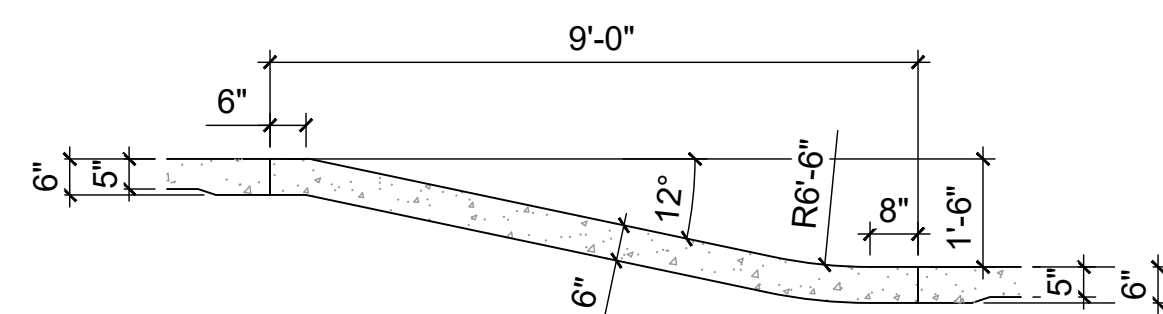
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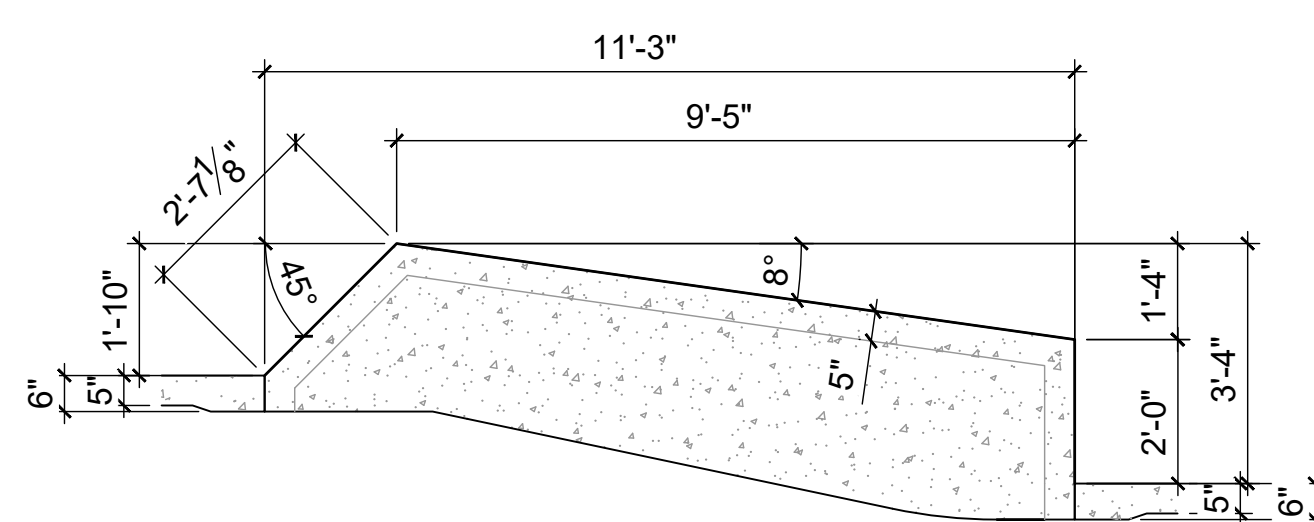
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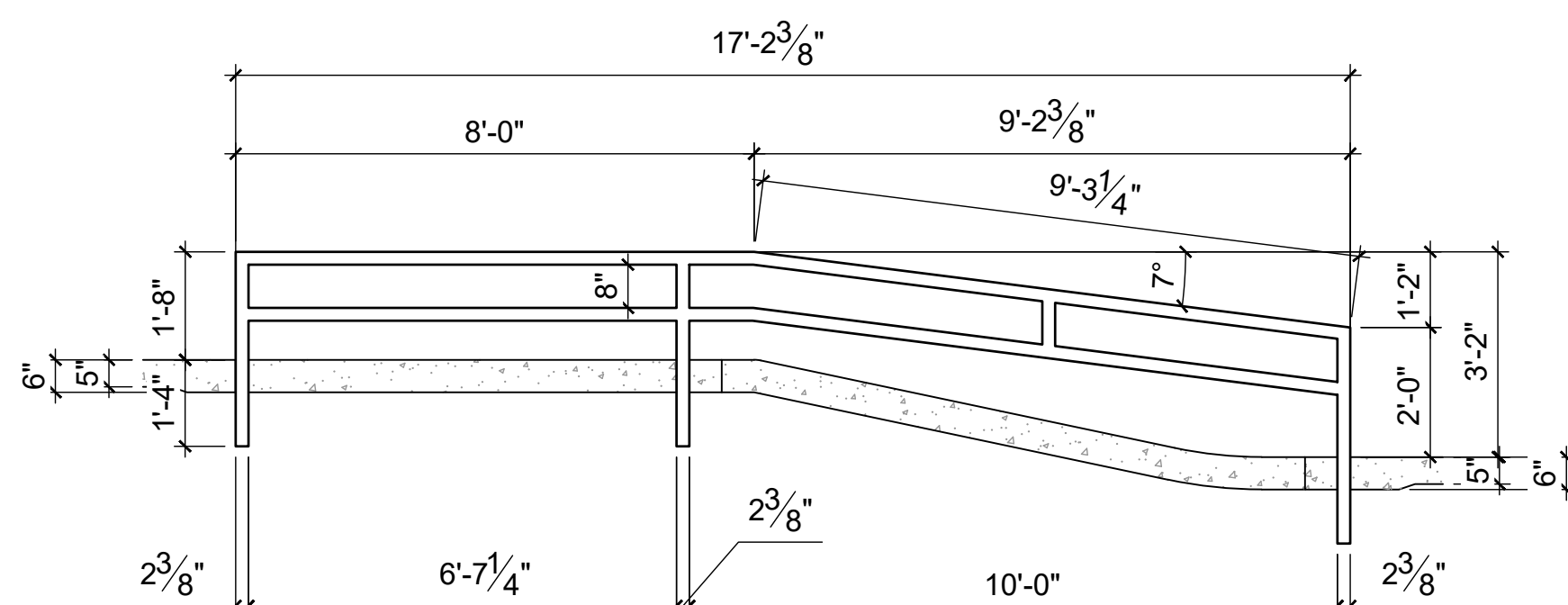
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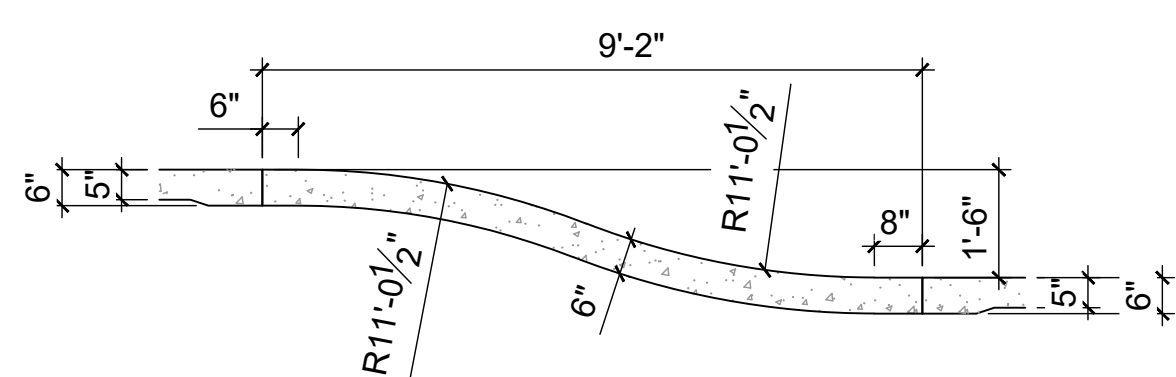
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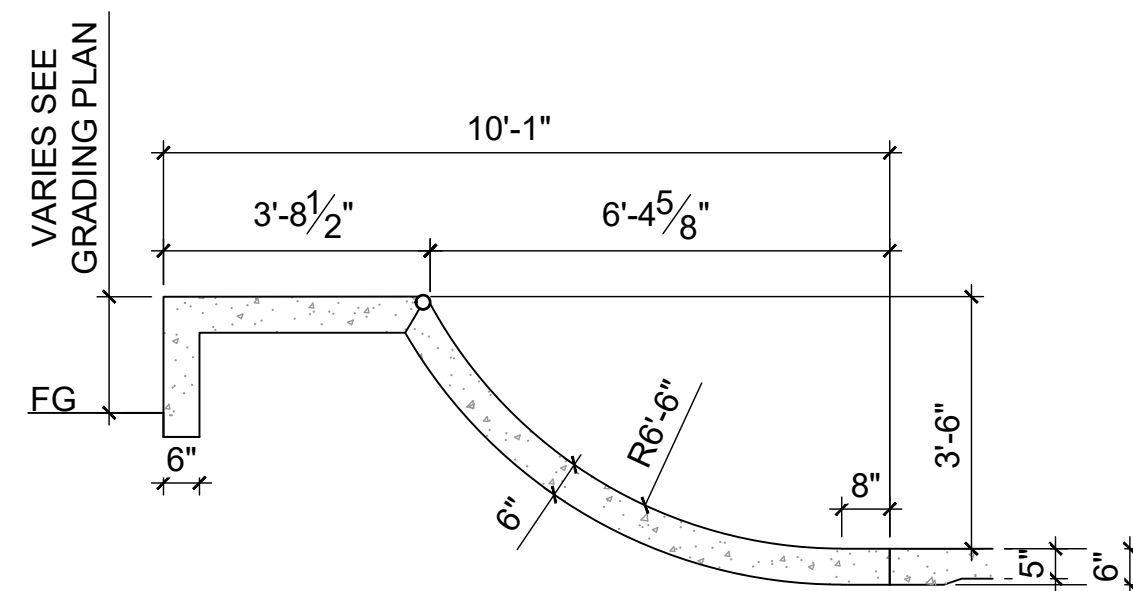
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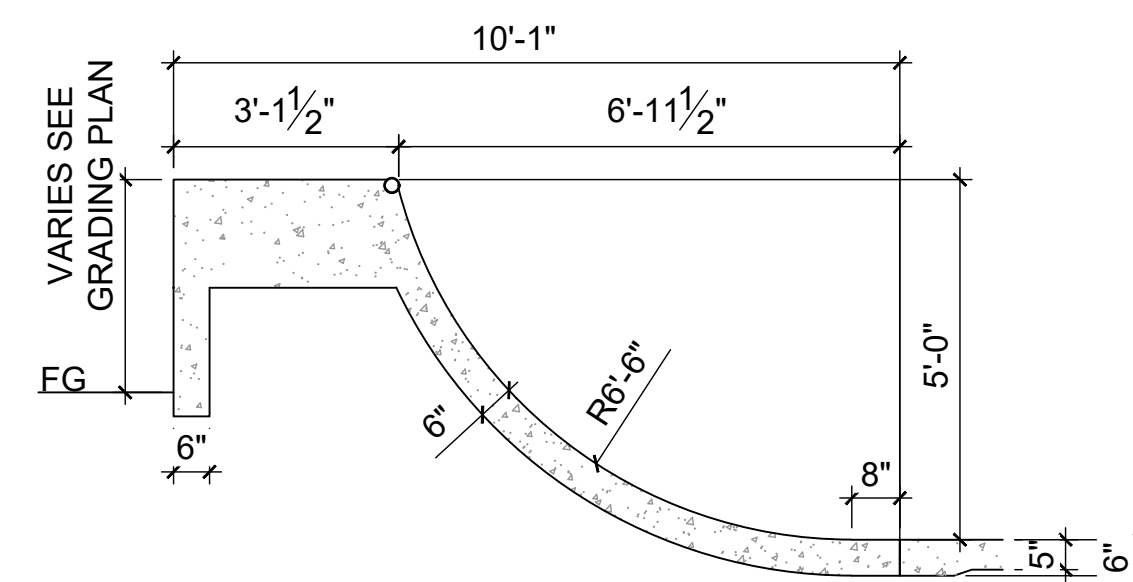
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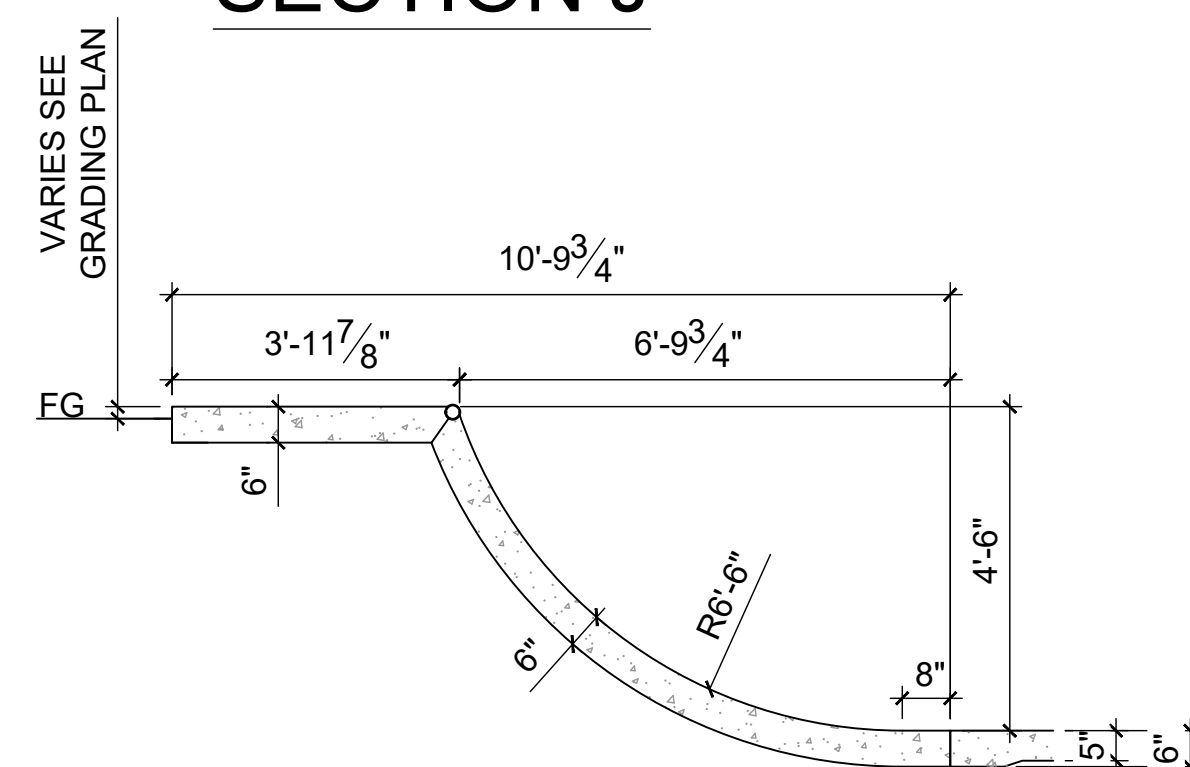
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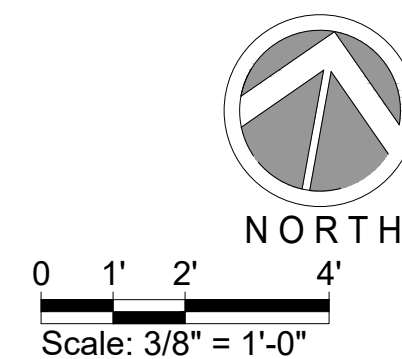
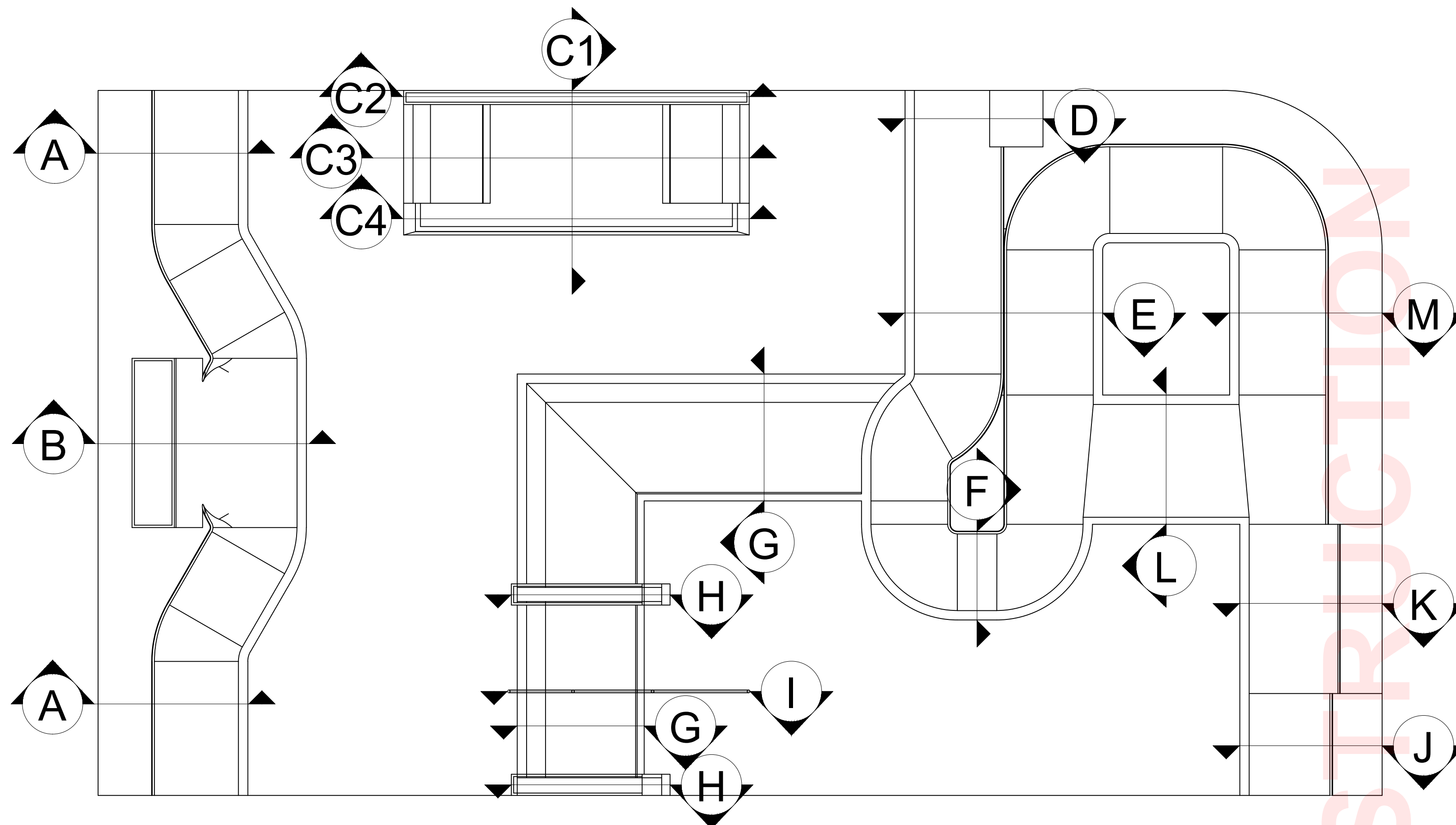
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SECTION K

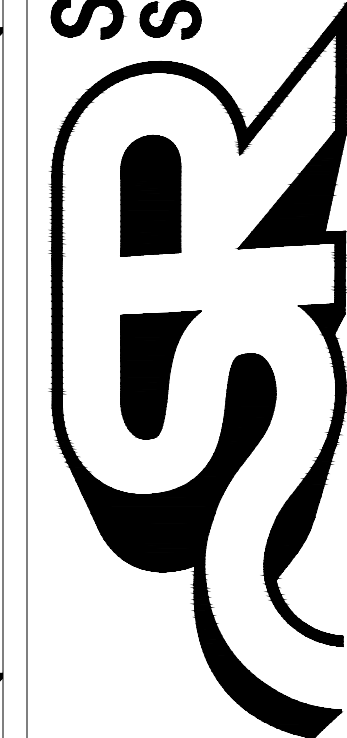


SECTION M



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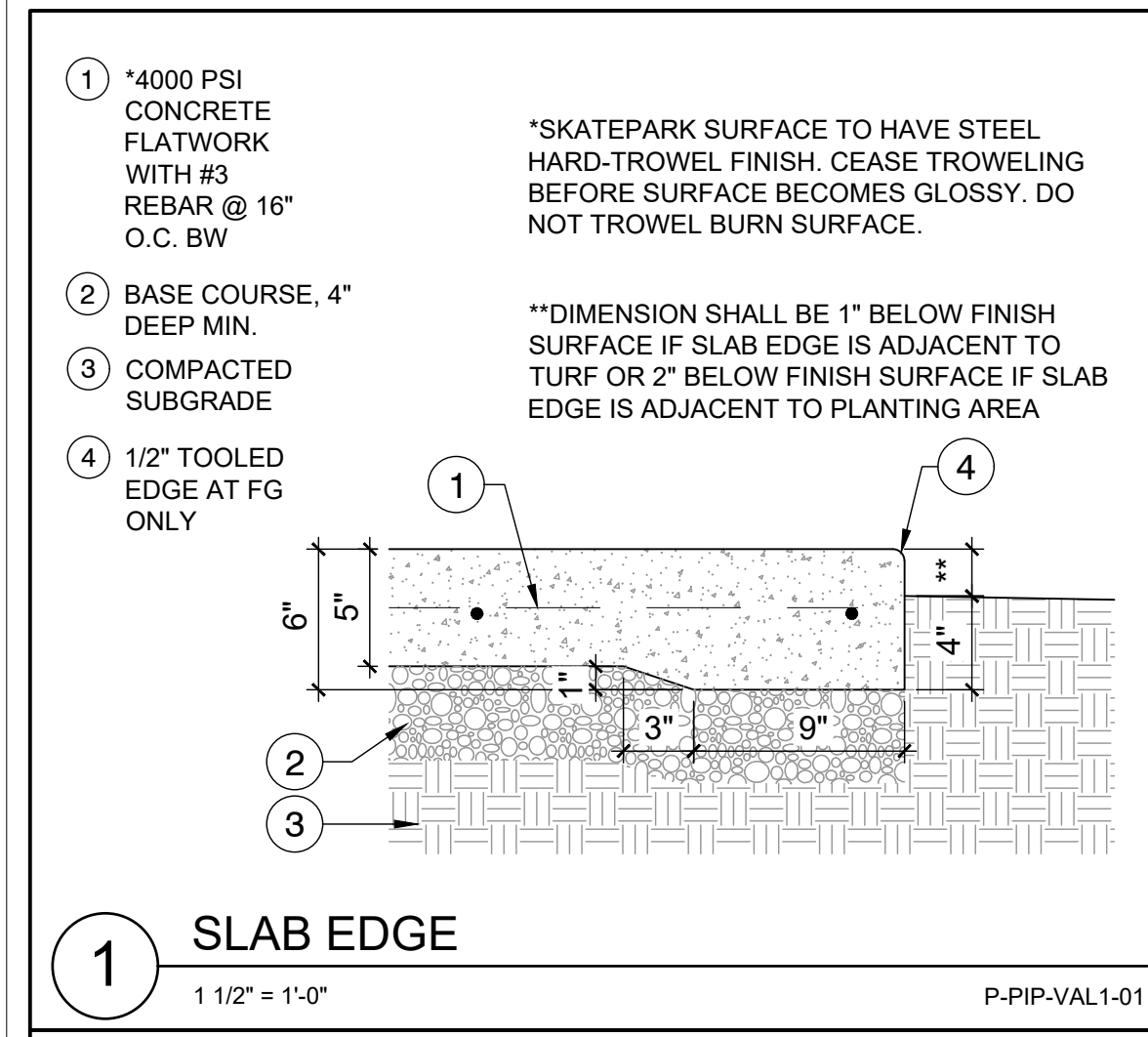
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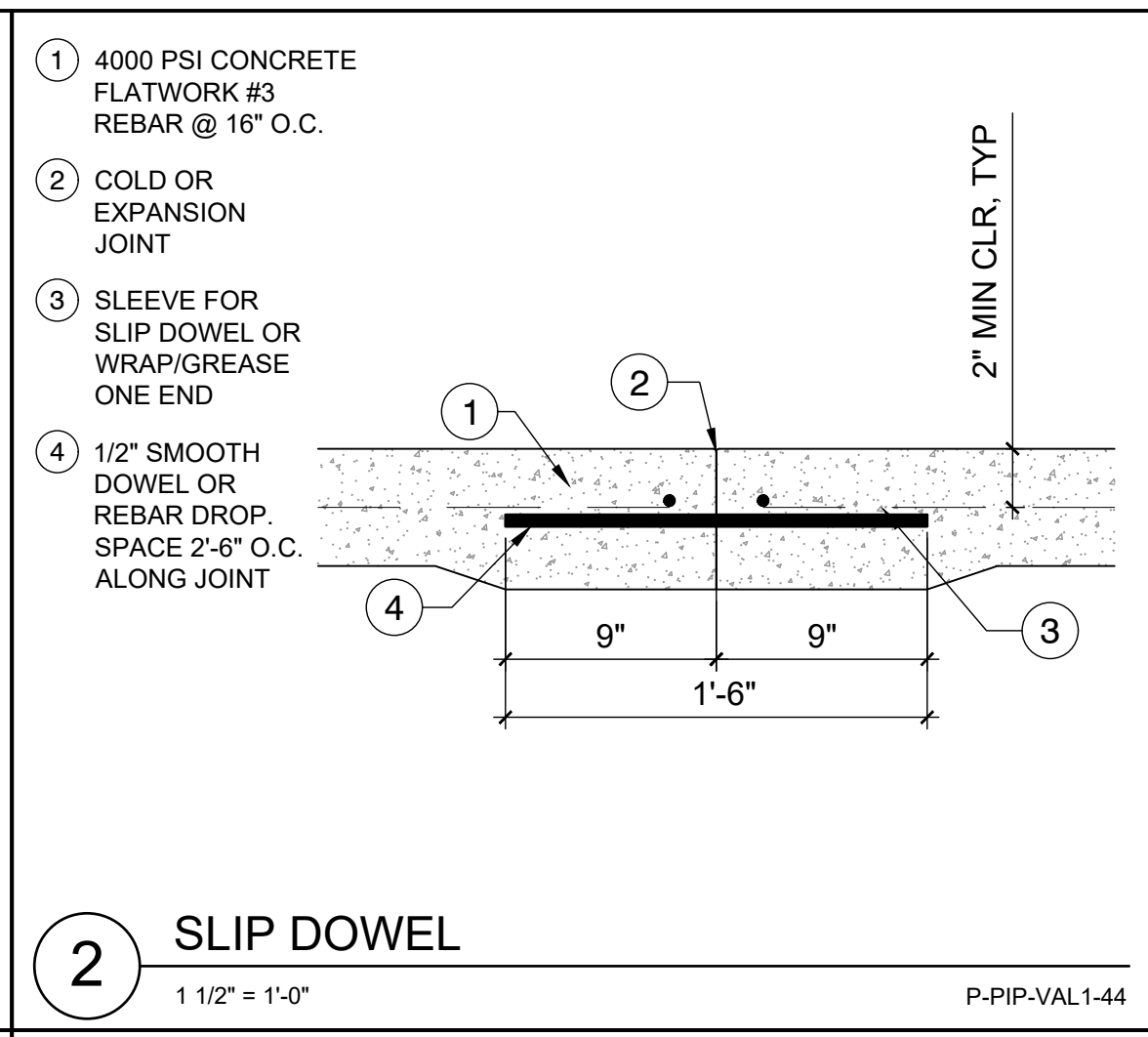
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PLAN CHECKED BY	DH, MB		
DATE	5/1/2026		

PROJECT TITLE
VALLOTTON PARK
SKATEPARK
 SHEET TITLE
SECTIONS

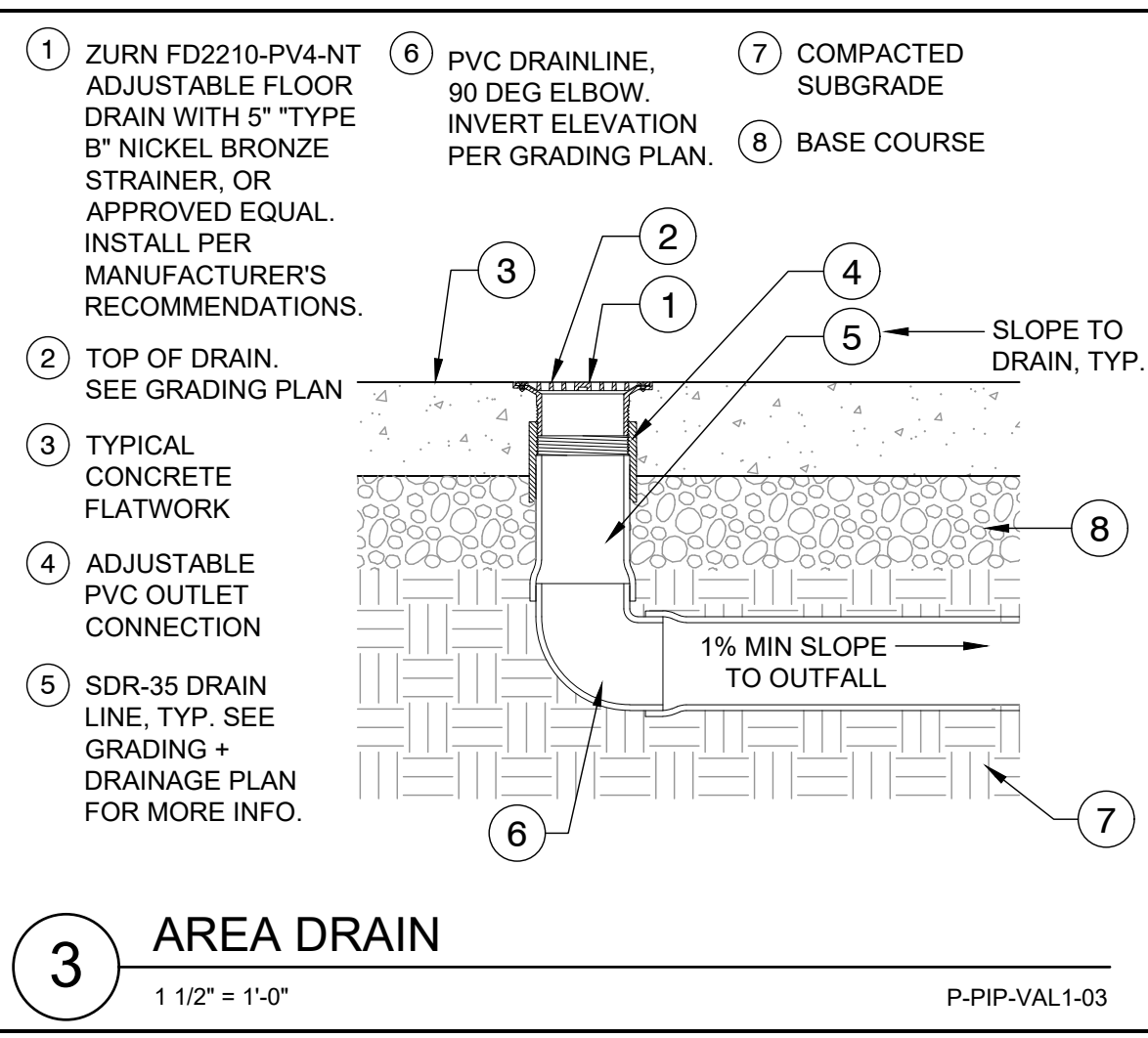
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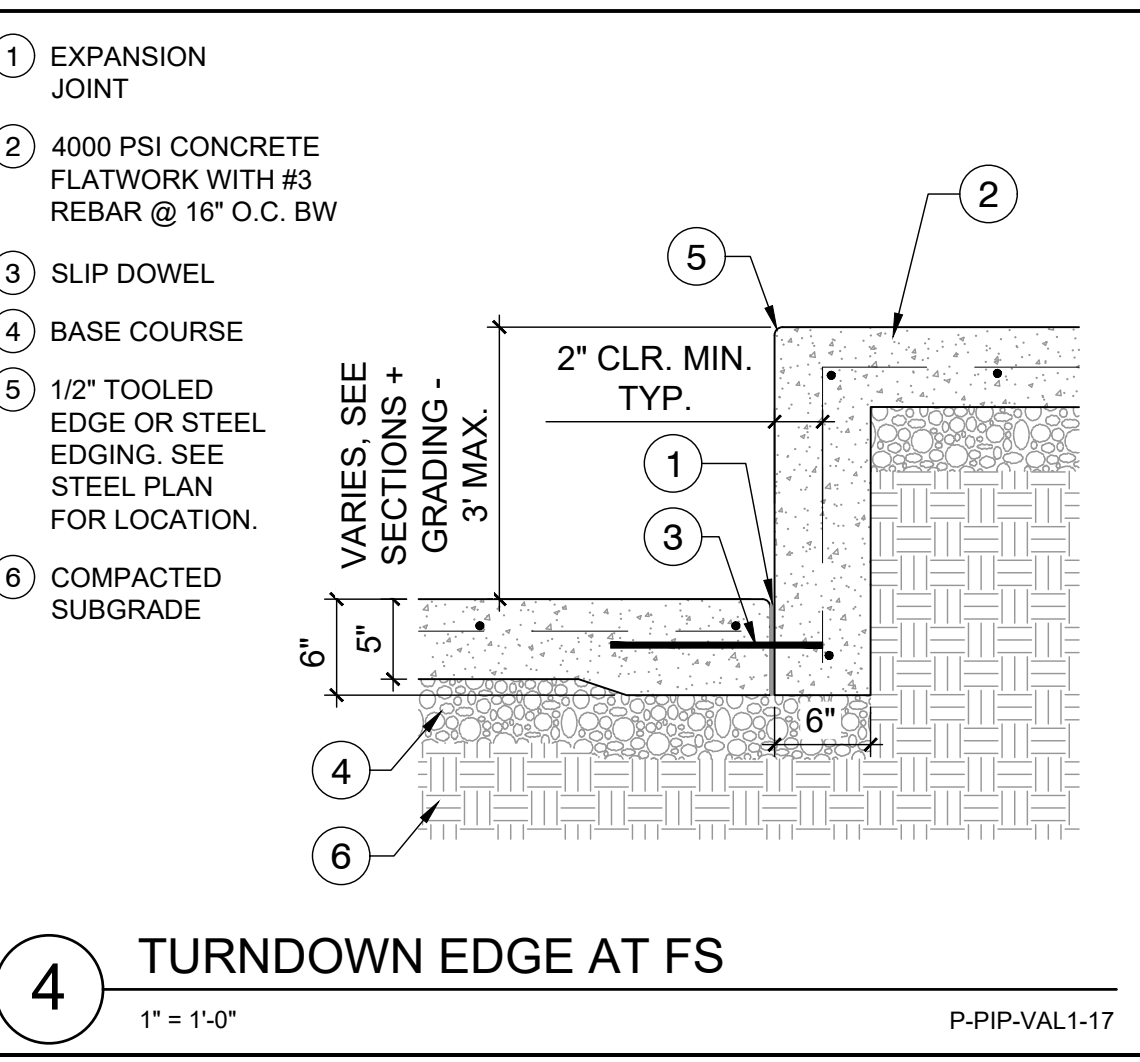
1 SLAB EDGE
1 1/2" = 1'-0"
P-PIP-VAL1-01



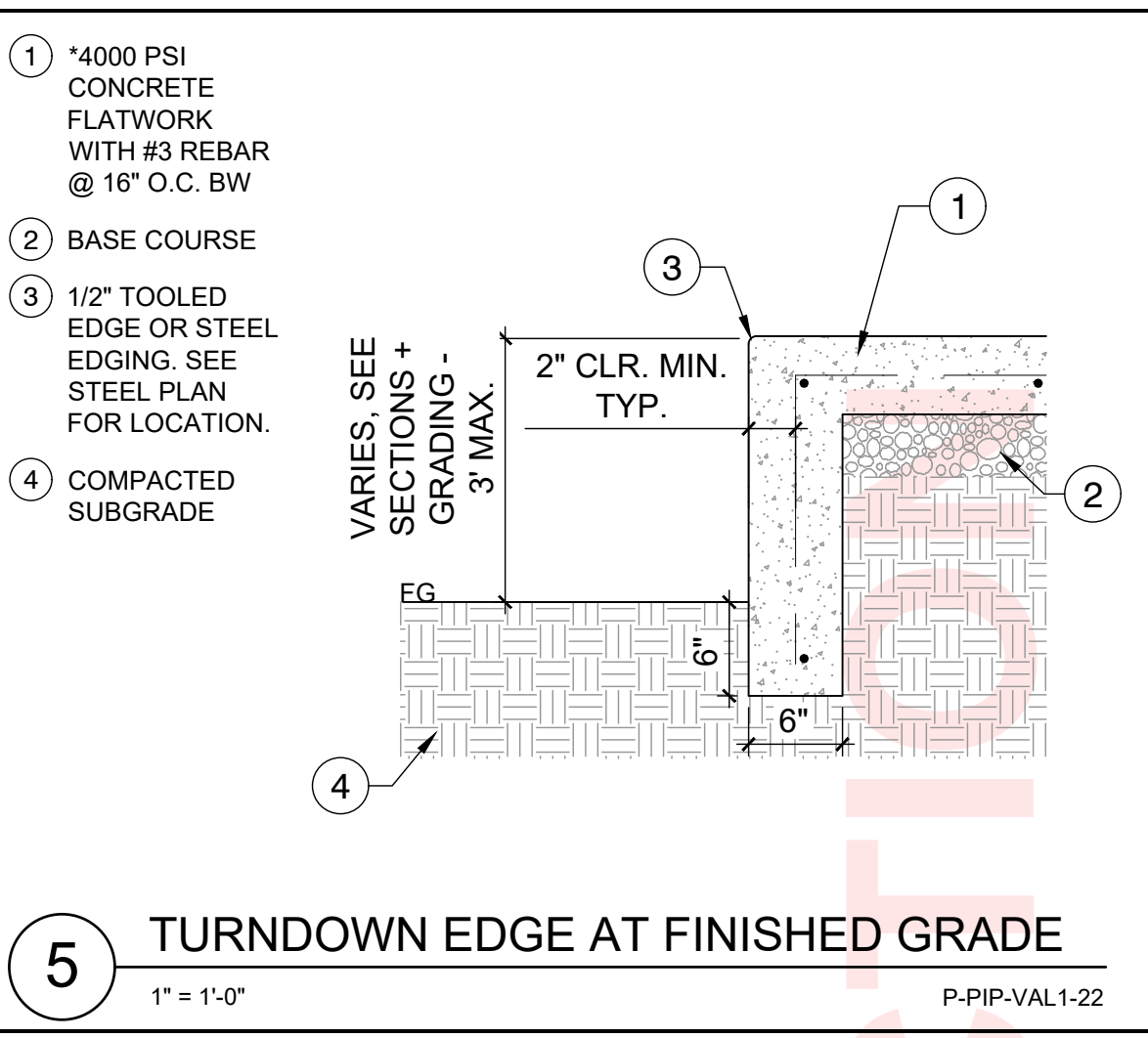
2 SLIP DOWEL
1 1/2" = 1'-0"
P-PIP-VAL1-44



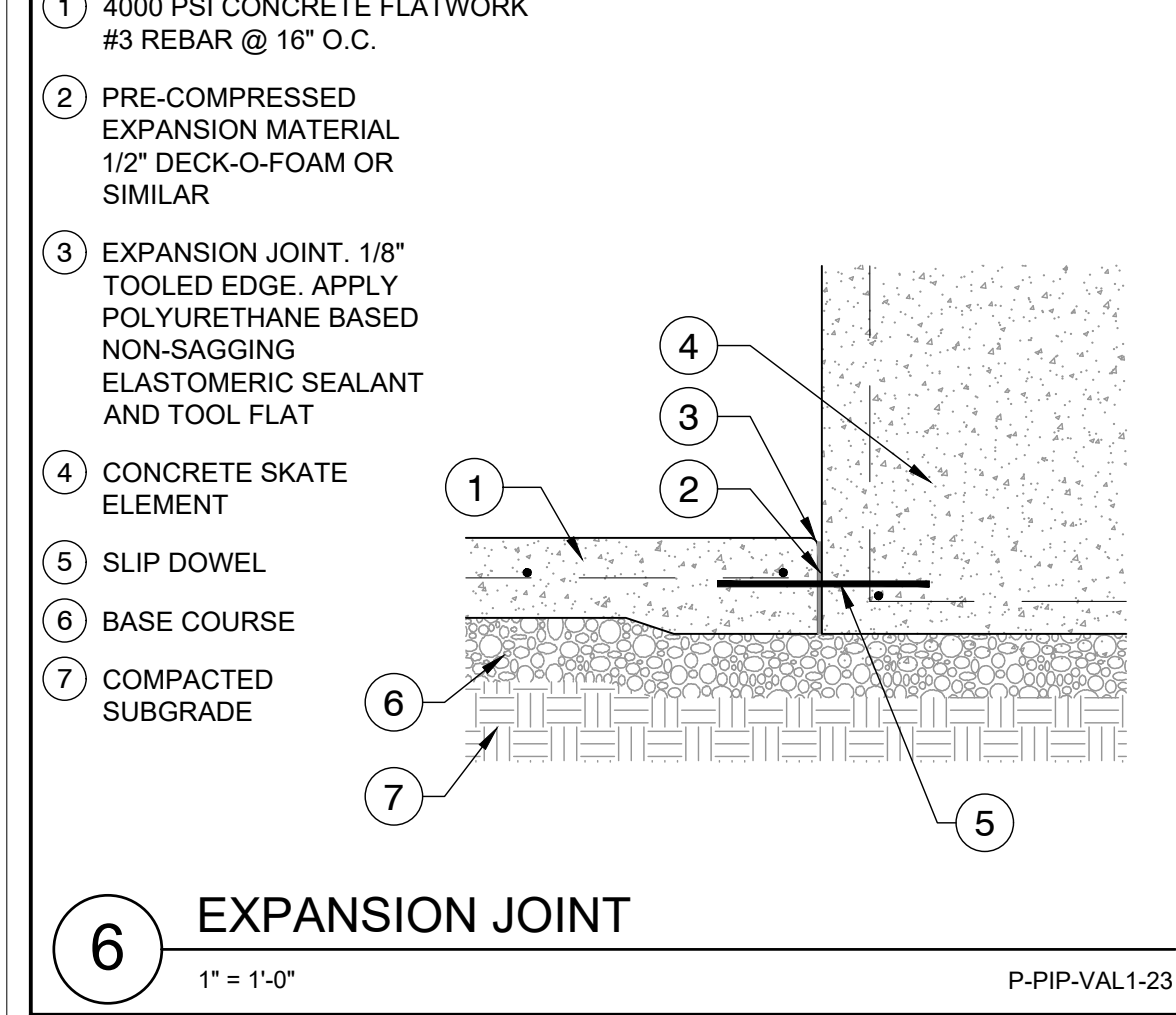
3 AREA DRAIN
1 1/2" = 1'-0"
P-PIP-VAL1-03



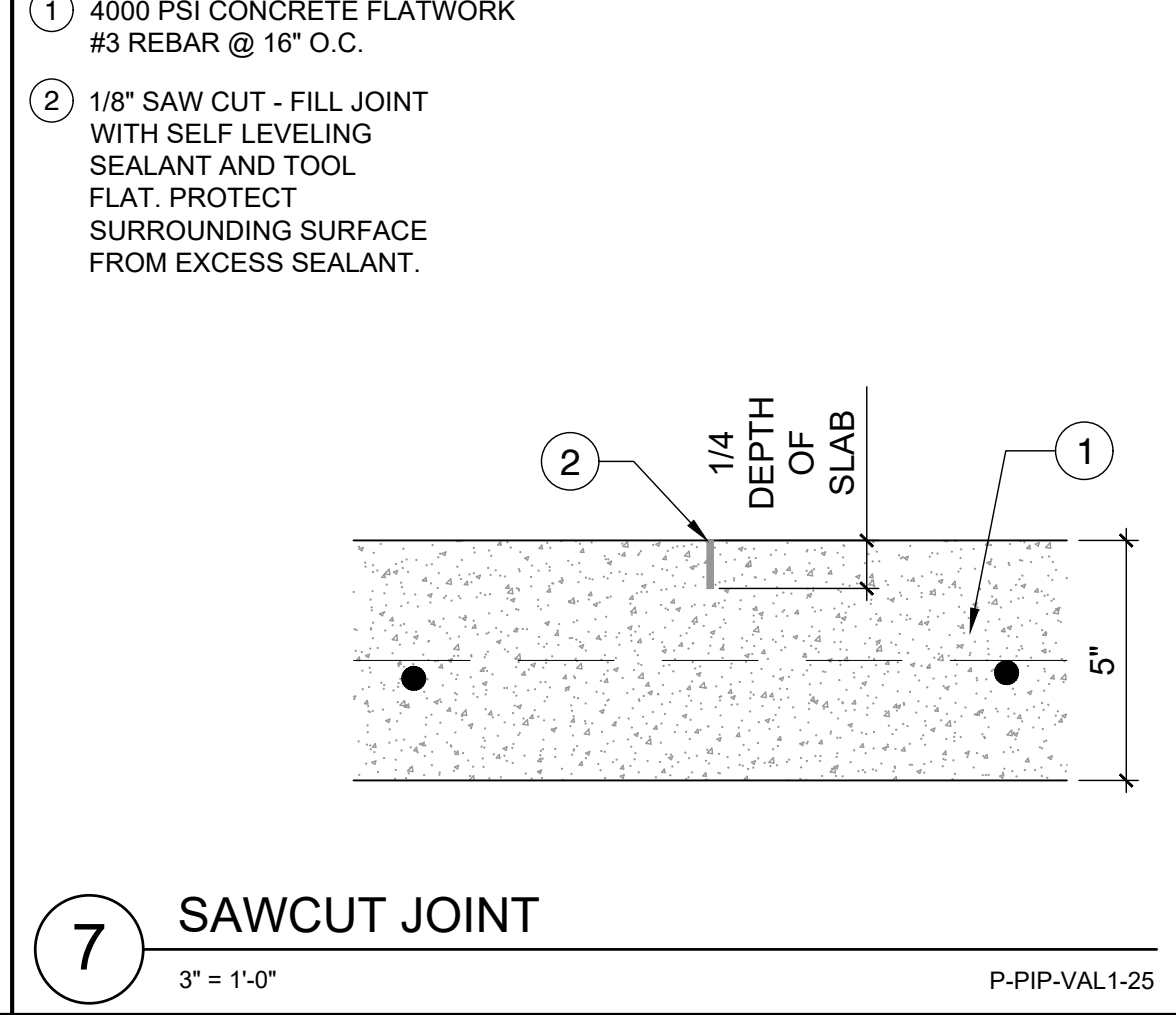
4 TURNDOWN EDGE AT FS
1" = 1'-0"
P-PIP-VAL1-17



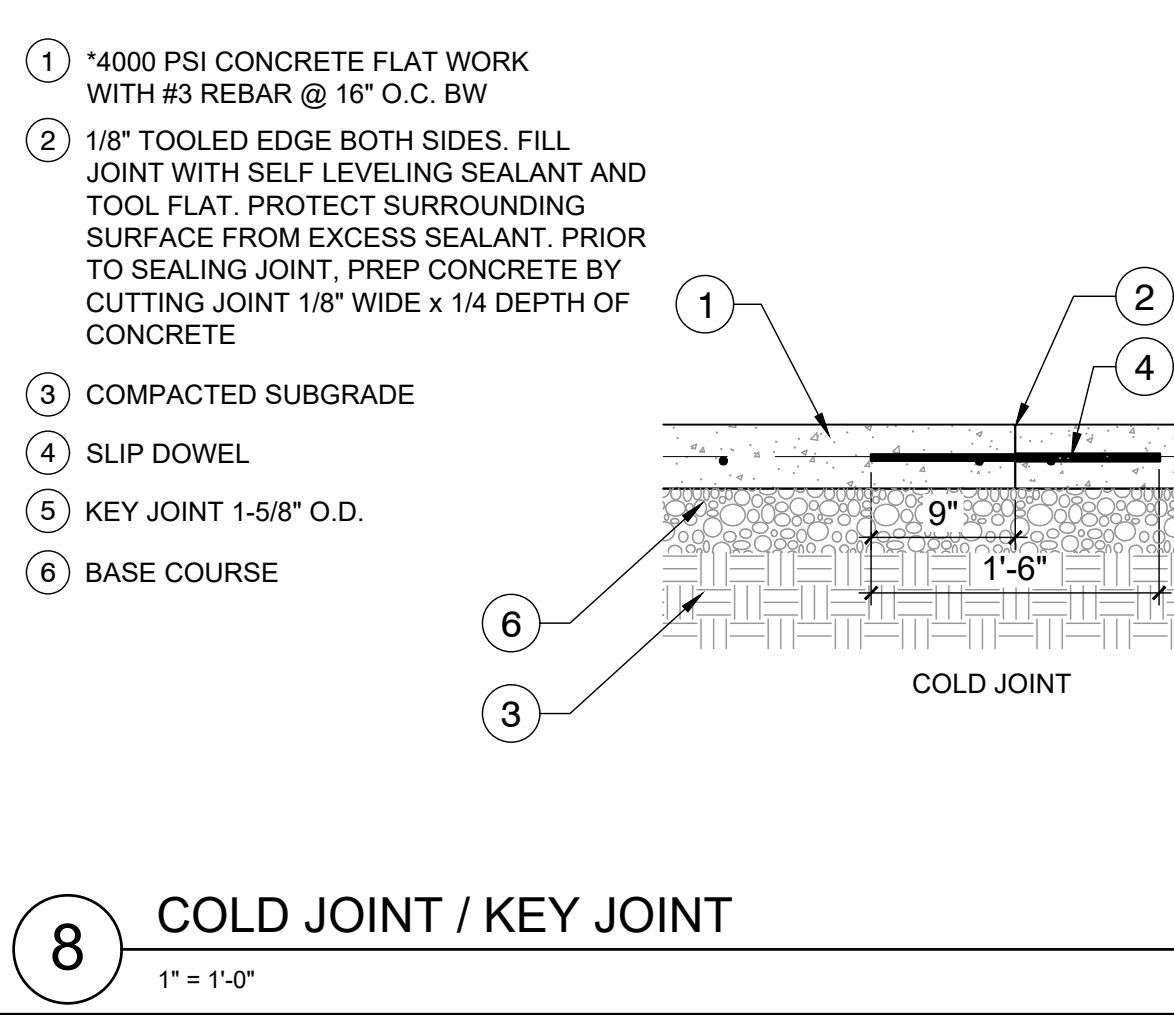
5 TURNDOWN EDGE AT FINISHED GRADE
1" = 1'-0"
P-PIP-VAL1-22



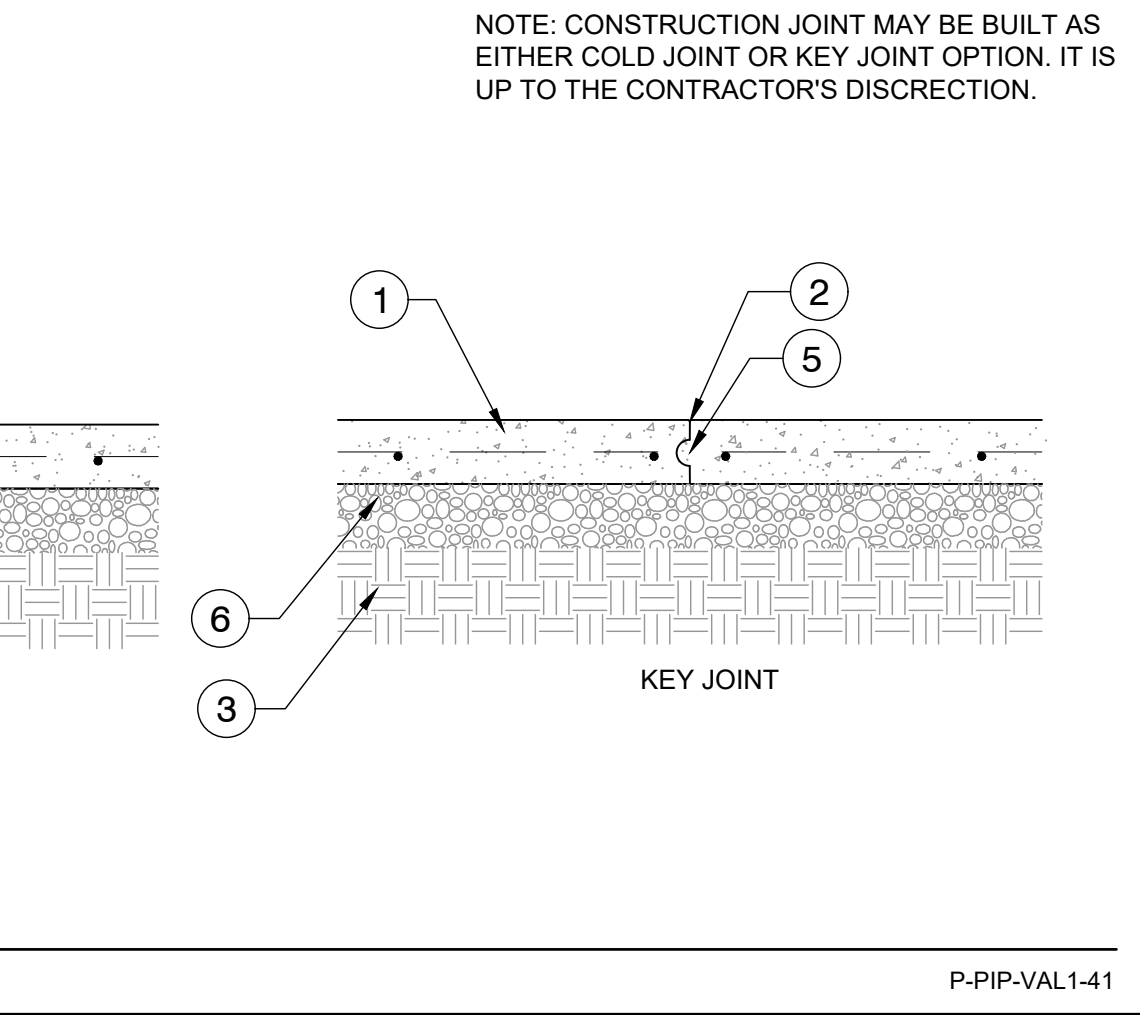
6 EXPANSION JOINT
1" = 1'-0"
P-PIP-VAL1-23



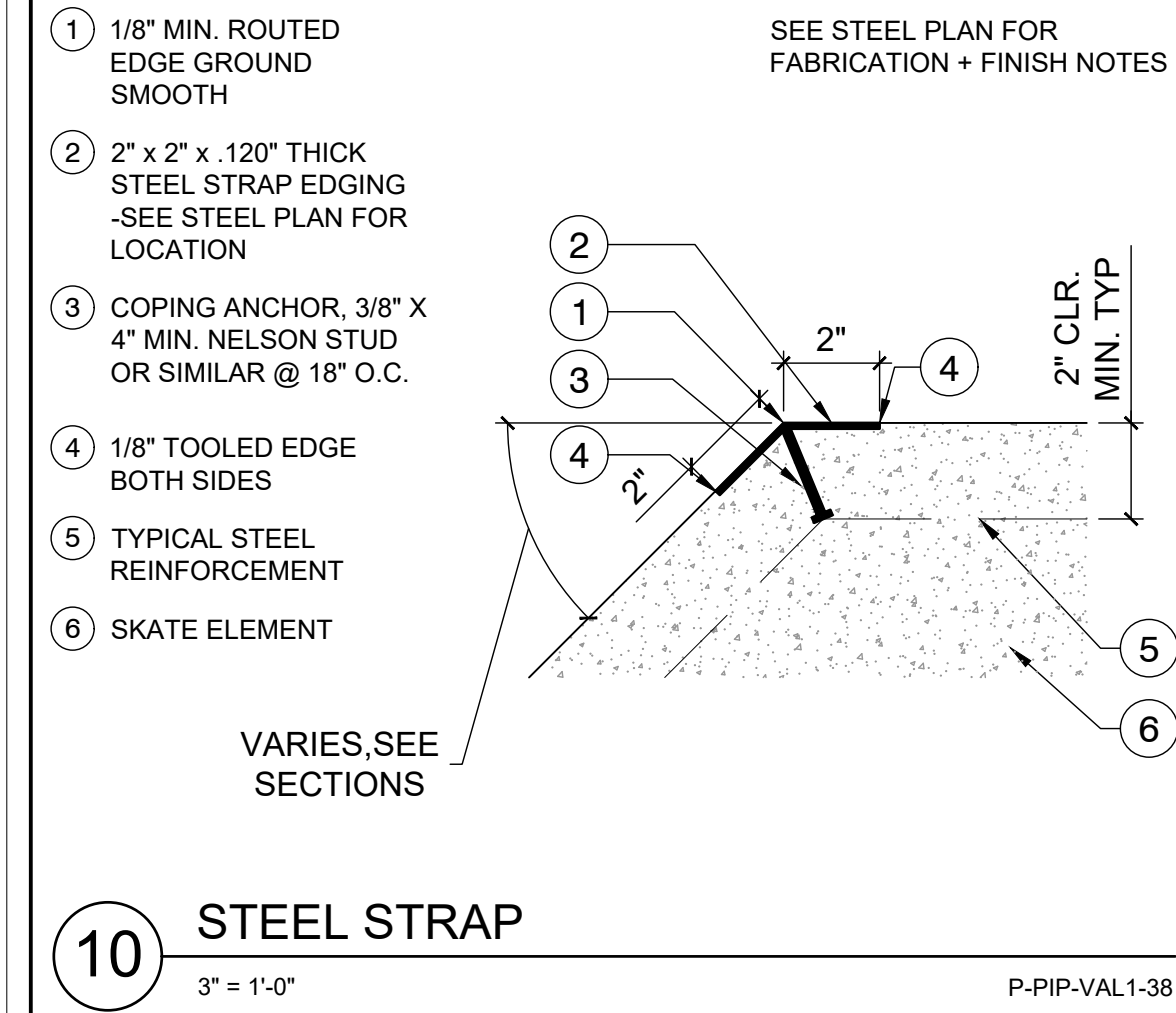
7 SAWCUT JOINT
3" = 1'-0"
P-PIP-VAL1-25



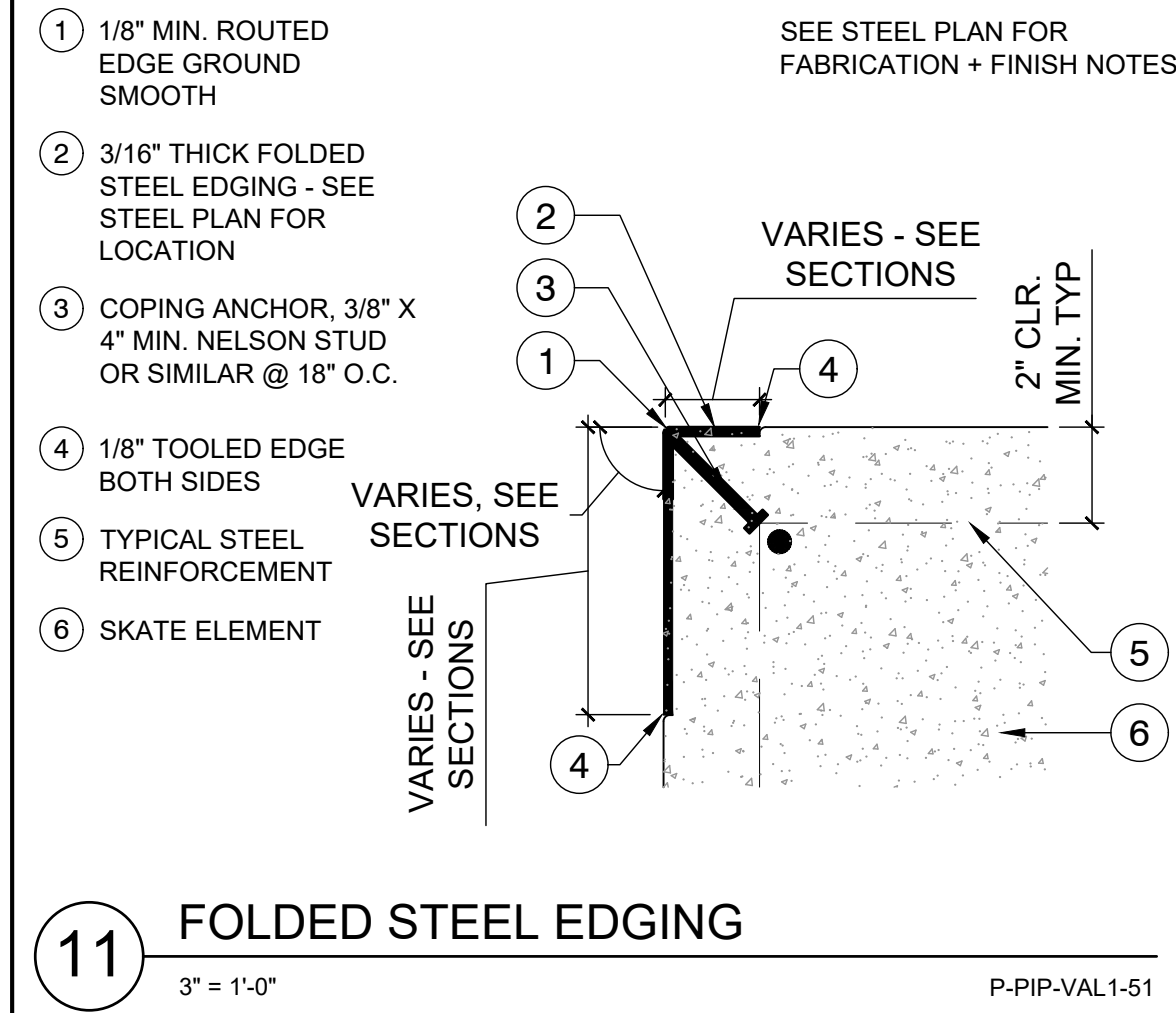
8 COLD JOINT / KEY JOINT
1" = 1'-0"
P-PIP-VAL1-41



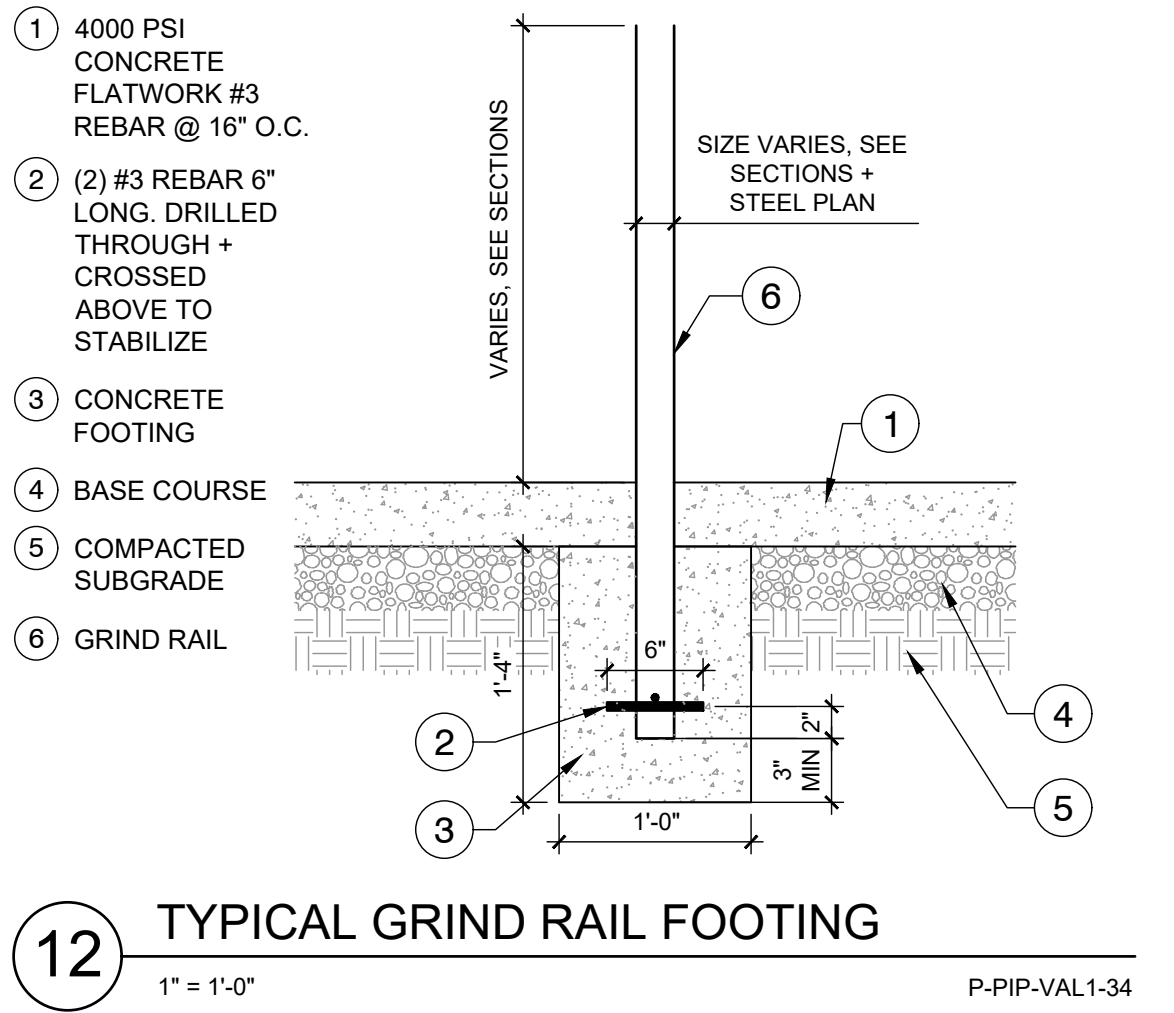
9 STEEL EDGING
3" = 1'-0"
P-PIP-VAL1-35



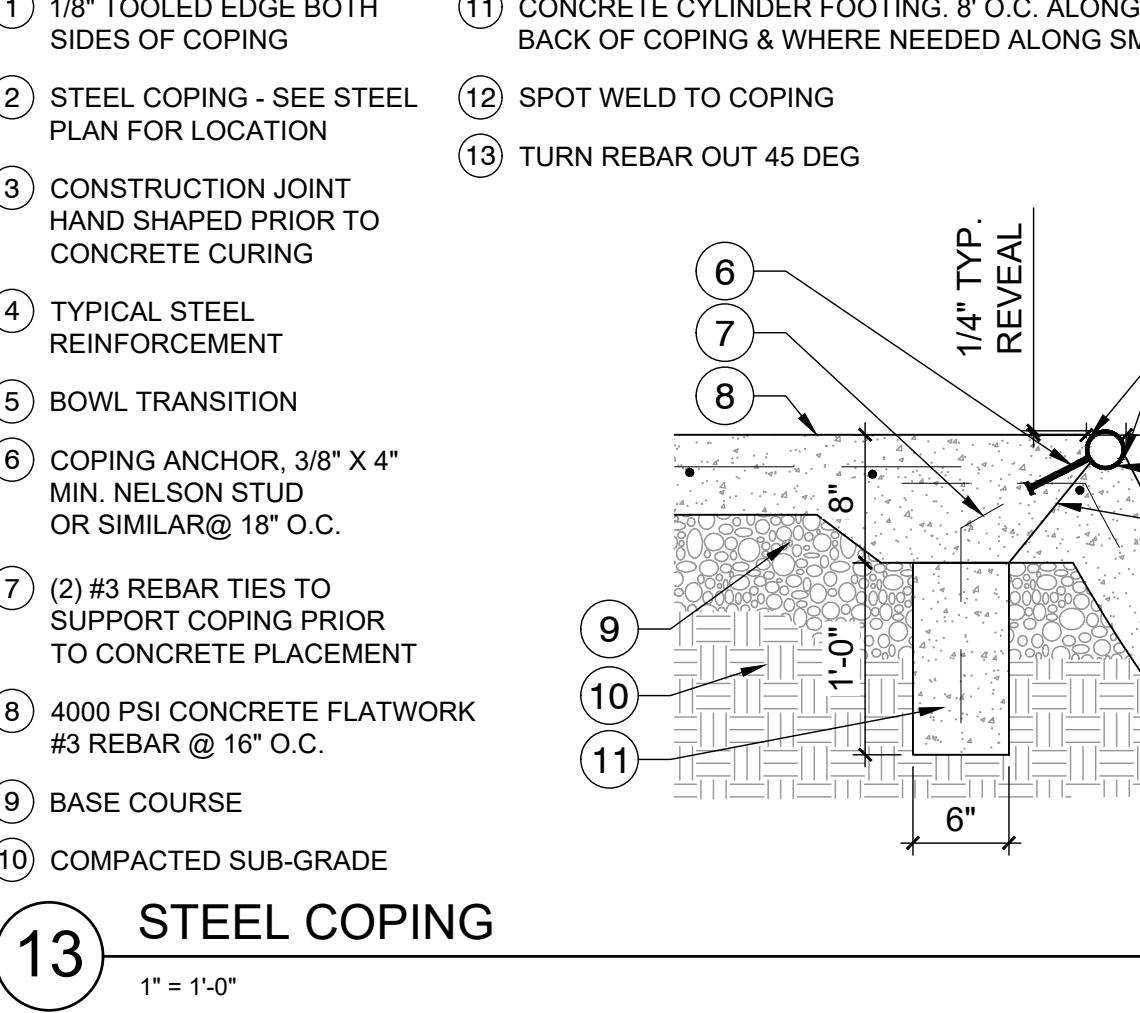
10 STEEL STRAP
3" = 1'-0"
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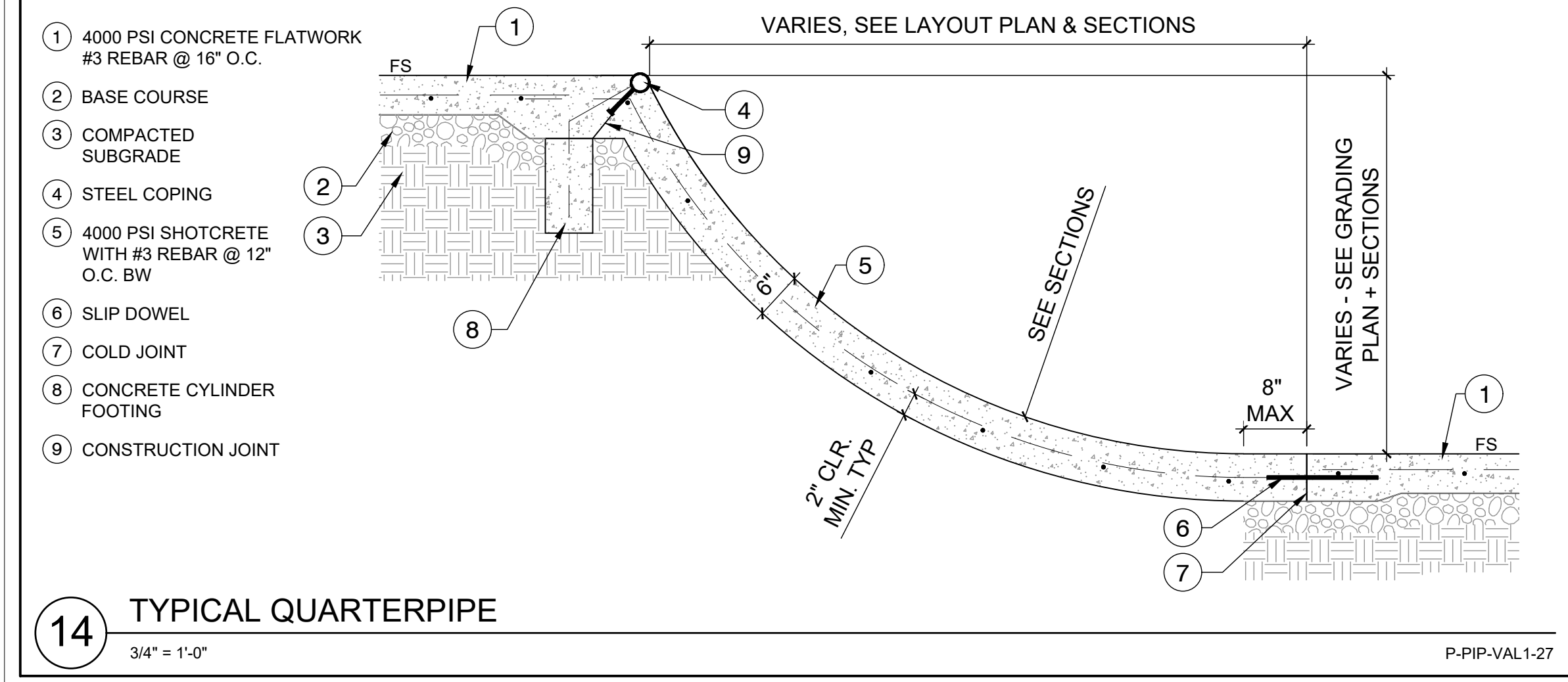
11 FOLDED STEEL EDGING
3" = 1'-0"
P-PIP-VAL1-51



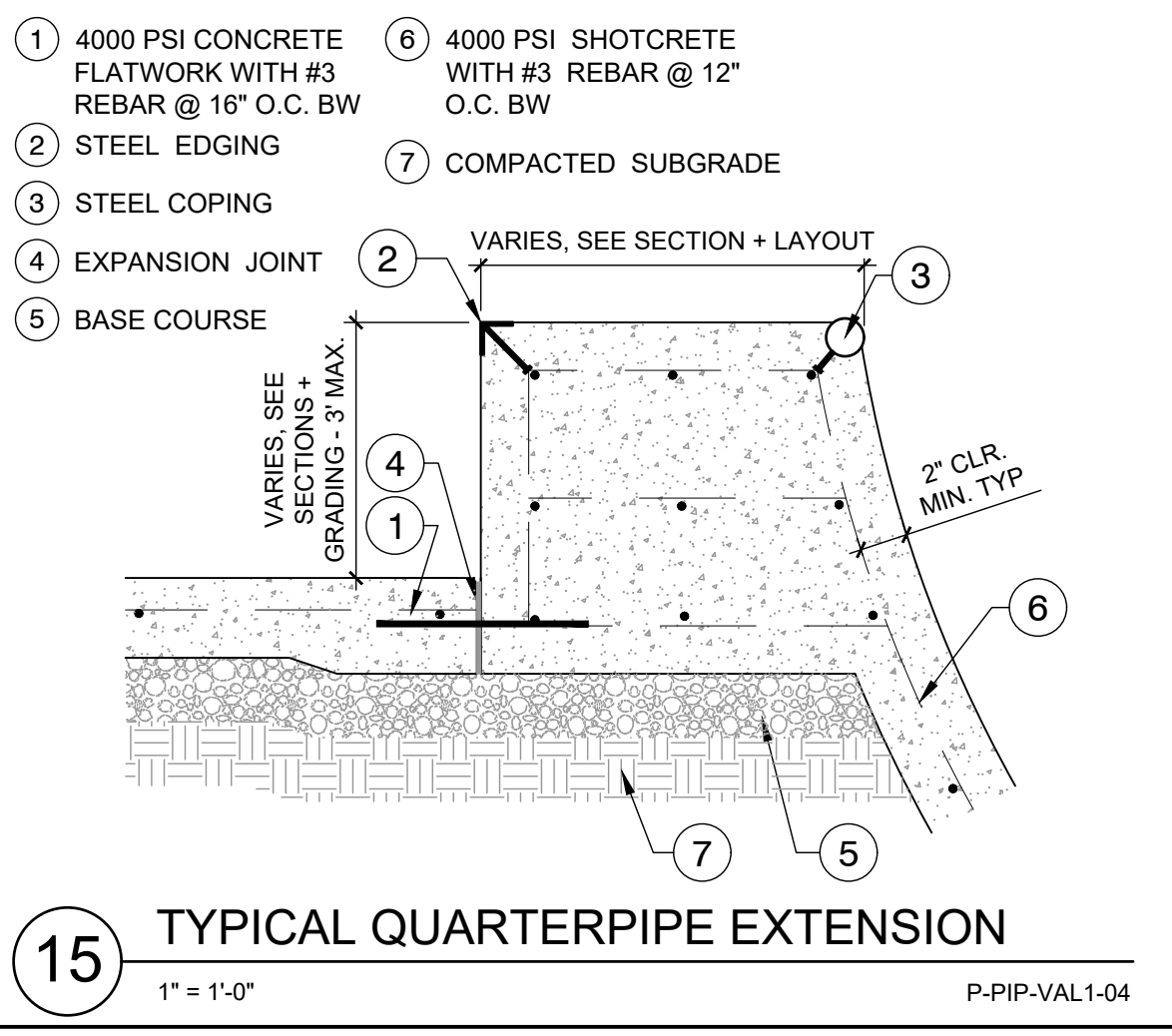
12 TYPICAL GRIND RAIL FOOTING
1" = 1'-0"
P-PIP-VAL1-34



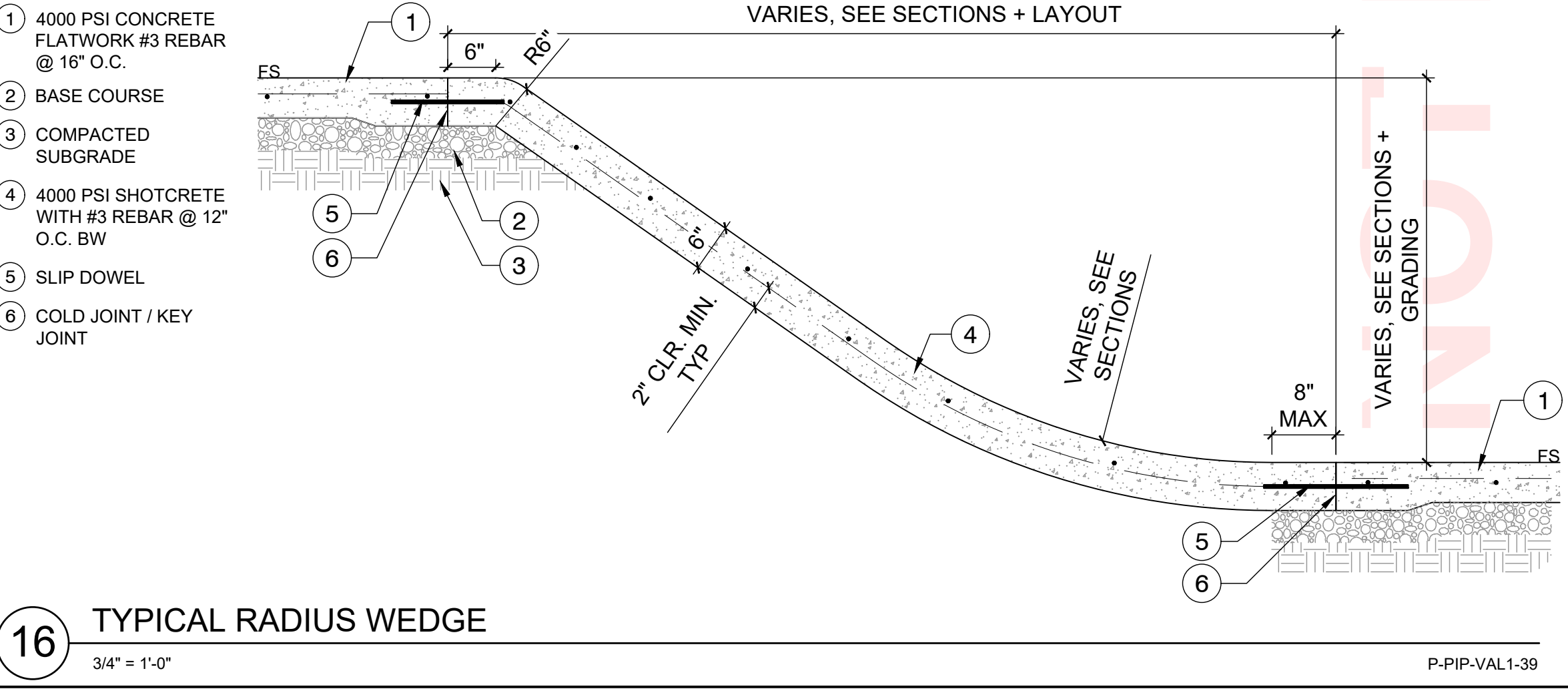
13 STEEL COPING
1" = 1'-0"
P-PIP-VAL1-37



14 TYPICAL QUARTERPIPE
3/4" = 1'-0"
P-PIP-VAL1-27



15 TYPICAL QUARTERPIPE EXTENSION
1" = 1'-0"
P-PIP-VAL1-04



16 TYPICAL RADIUS WEDGE
3/4" = 1'-0"
P-PIP-VAL1-39

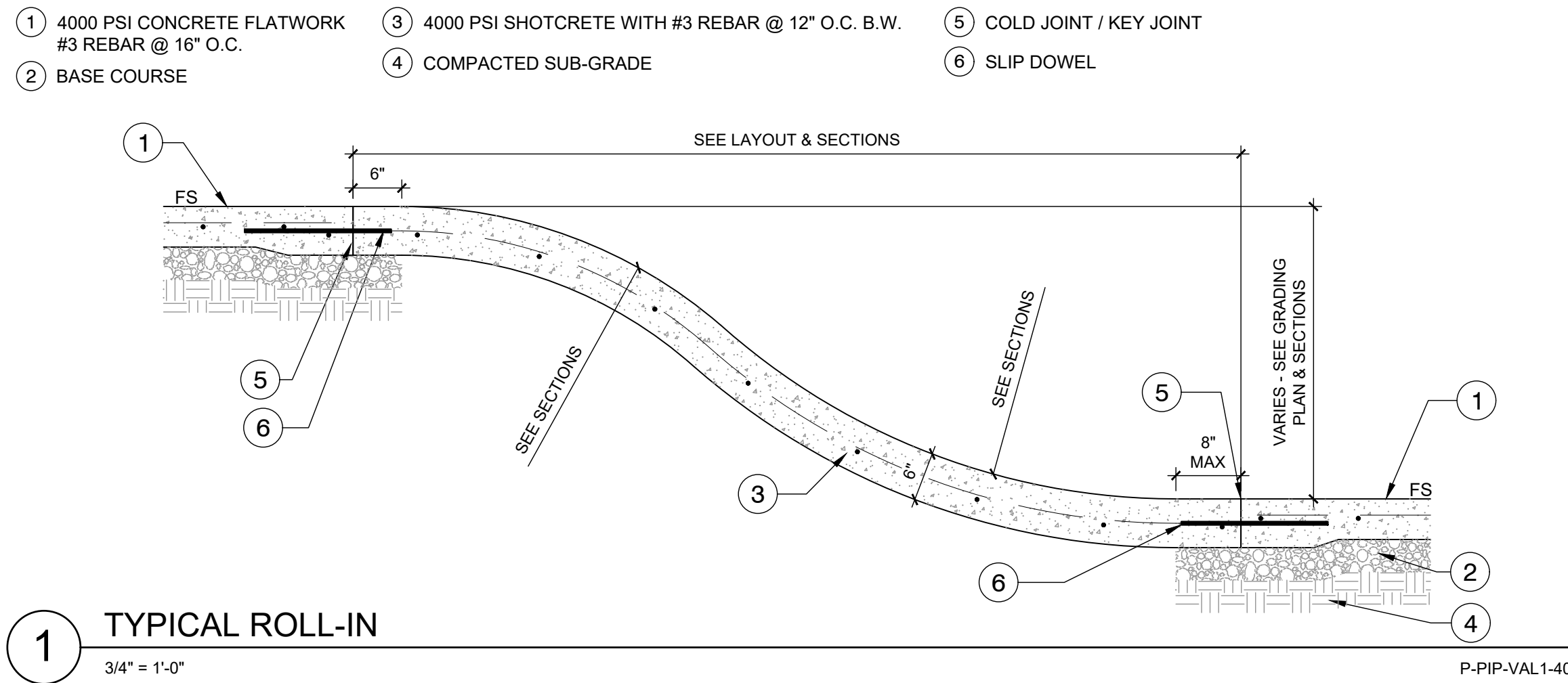
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VALLOTION PARK SKATEPARK
CONSTRUCTION DETAILS
SHEET SK10.0 OF XX

NO.	DATE	REVISIONS

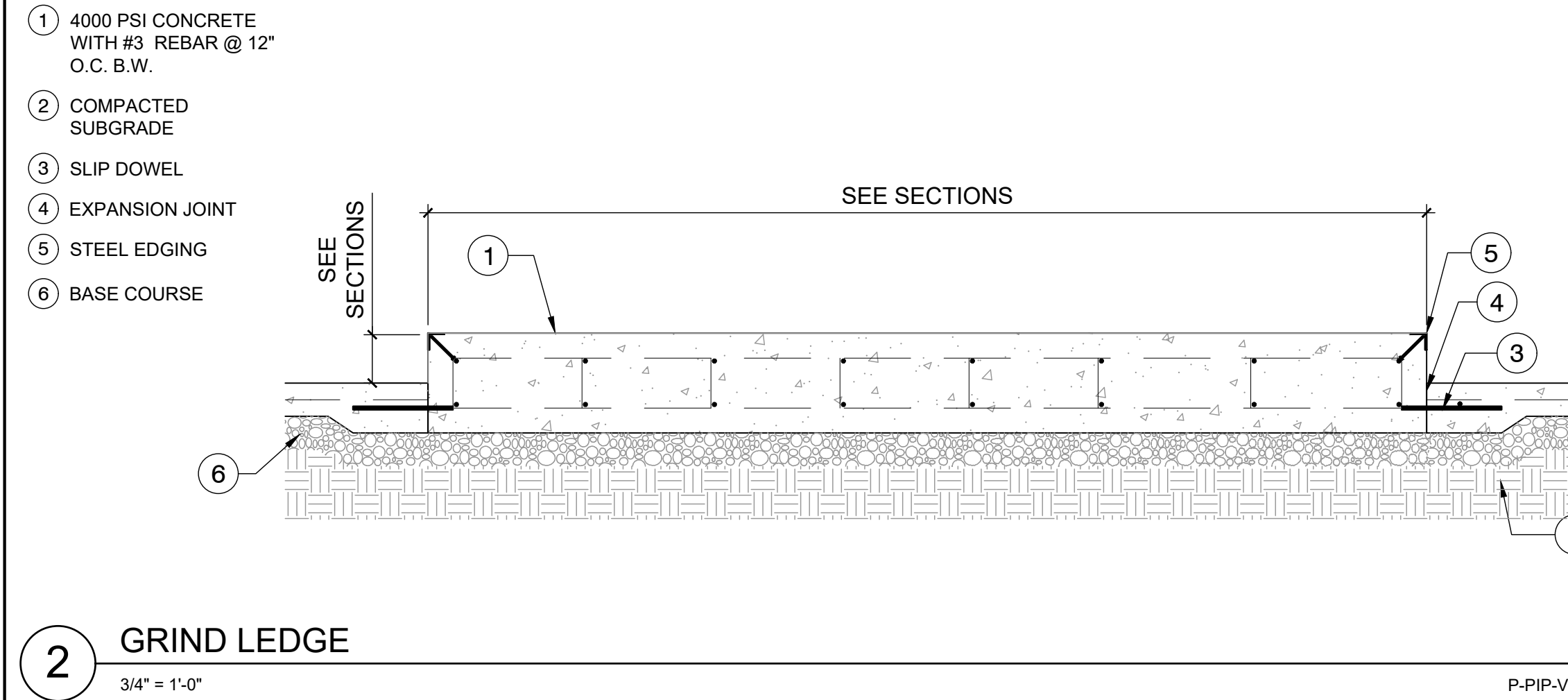
SKATE PARK DESIGNED BY: STAMP: DS
DOCUMENTS BY: AL, CR
PLAN CHECKED BY: DH, MB
DATE: 5/1/2026

PROJECT TITLE: VALLOTION PARK SKATEPARK
SHEET TITLE: CONSTRUCTION DETAILS
SHEET NO.: SK10.0
OF XX



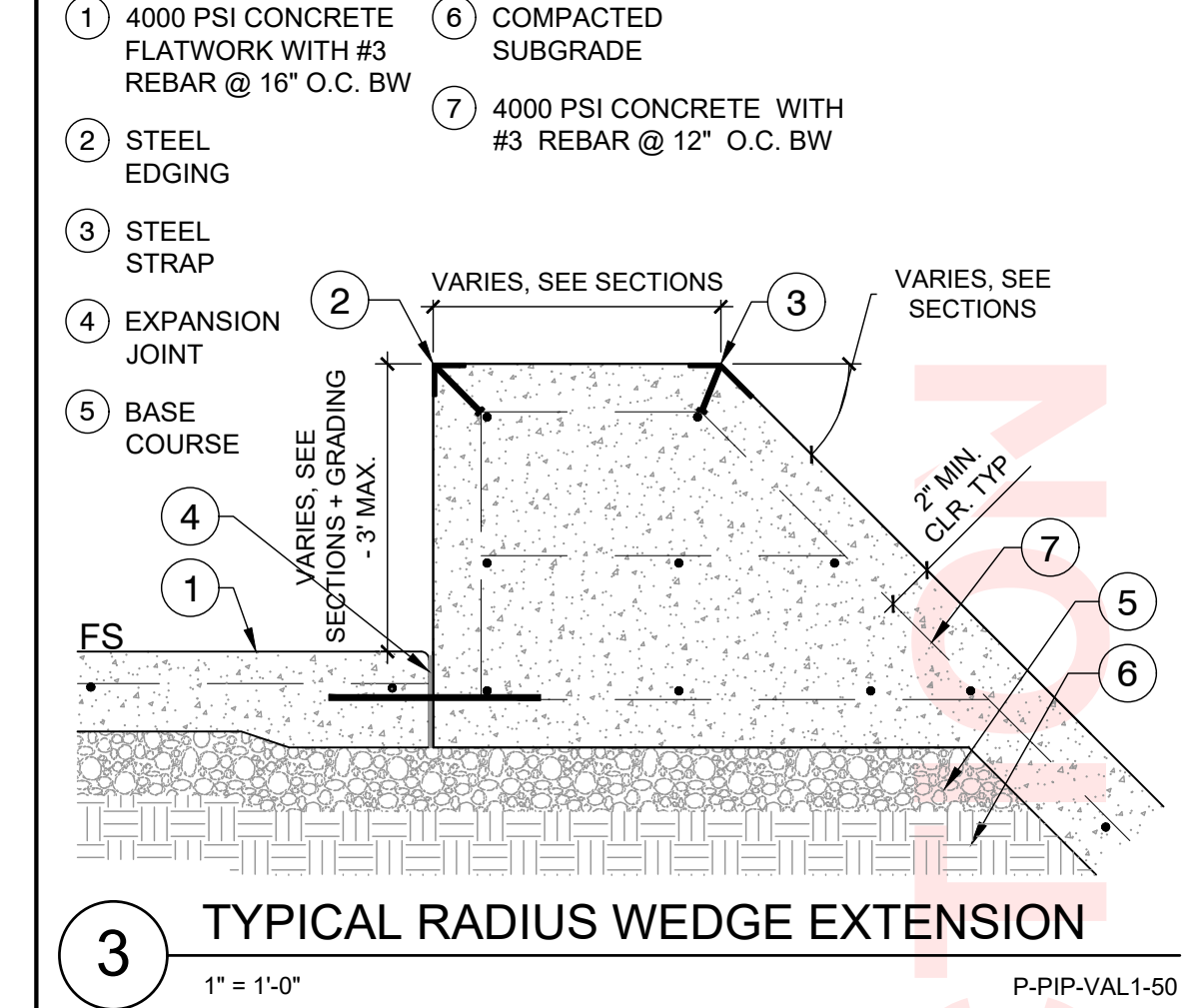
1 TYPICAL ROLL-IN
3/4" = 1'-0"

P-PIP-VAL1-40



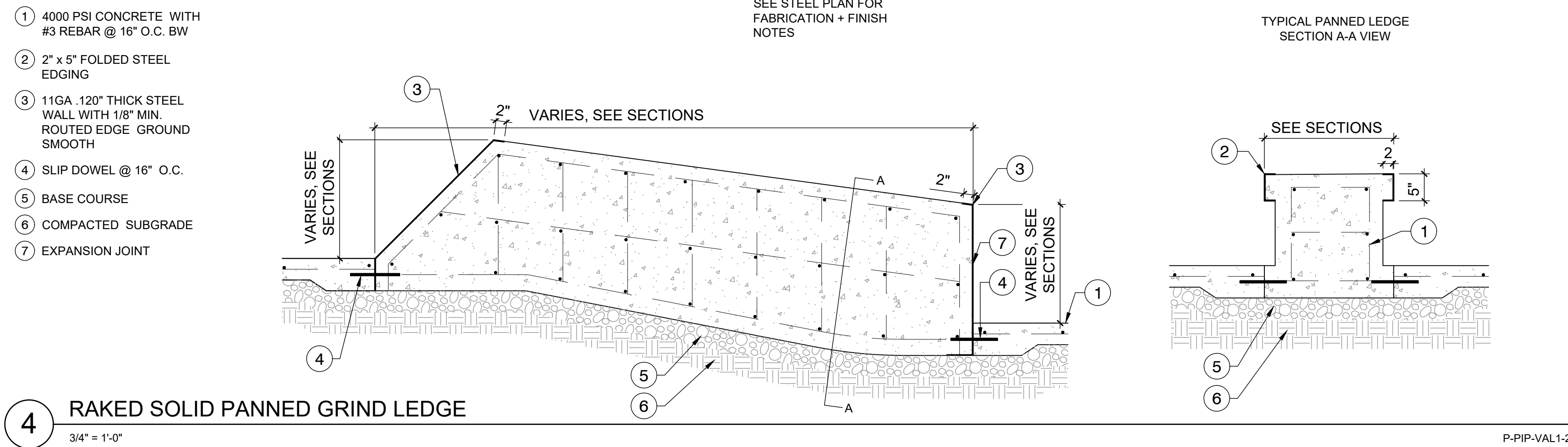
2 GRIND LEDGE
3/4" = 1'-0"

P-PIP-VAL1-47



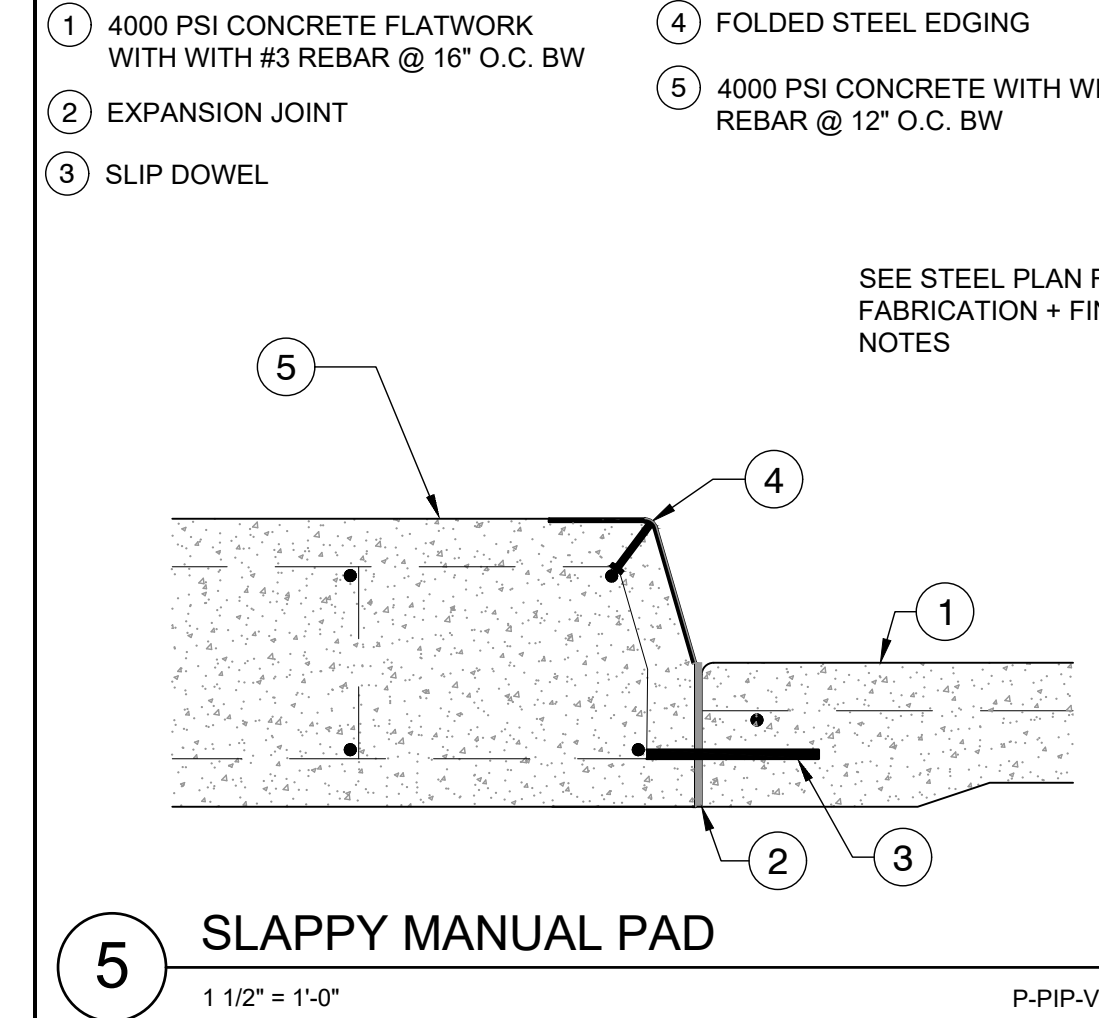
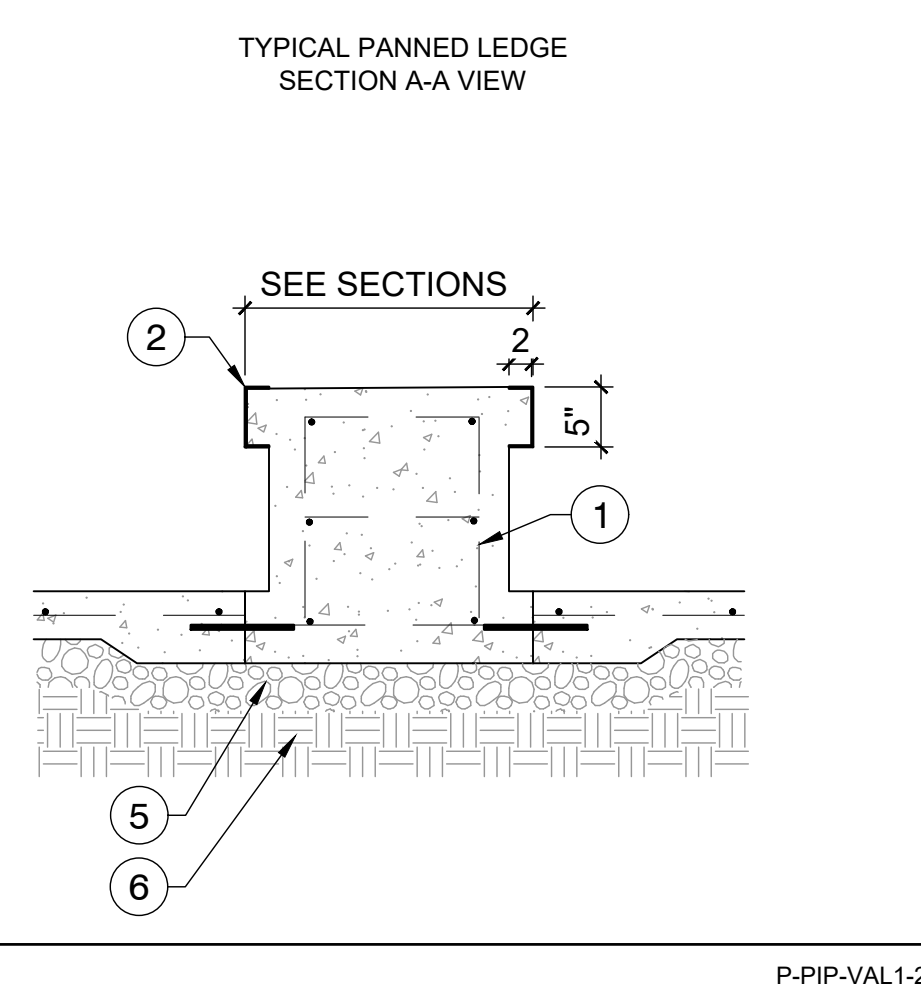
3 TYPICAL RADIUS WEDGE EXTENSION
1" = 1'-0"

P-PIP-VAL1-50



4 RAKED SOLID PANNED GRIND LEDGE
3/4" = 1'-0"

P-PIP-VAL1-29



5 SLAPPY MANUAL PAD
1 1/2" = 1'-0"

P-PIP-VAL1-68

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REVISIONS		SKATE PARK DESIGNED BY		STAMP:	
NO	DATE	DS	AL	CR	DATE

PROJECT TITLE
VALLOTTON PARK SKATEPARK

SHEET TITLE
CONSTRUCTION DETAILS

SHEET
SK10.1

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