

ADDENDUM NO. 2

**TOWN OF LAKEVIEW  
MCDONALD PARK SPLASH PAD**

This addendum is hereby made part of the Contract Documents to the same extent as though it were originally included therein.

Issued this 29th day of November 2022

The following changes, additions or alterations to the contract documents are hereby made a part of the requirements and conditions of Addendum No. 2.



EXPIRES 6/30/24

Adkins Consulting Engineering, LLP  
1435 Esplanade Ave.  
Klamath Falls, OR 97601  
(541) 884-4666

**ITEM NO. 1****DRAWINGS**

See attached revised plan sheets C4, S1 and S4.

**ITEM NO. 2****SPECIAL PROVISIONS****00120.00 Prequalification of Bidders:**

After the sentence that ends with "Standard Specifications", add the following:

Bidders must be listed on QuestCDN's Plan Holders List in order to be qualified.

**ITEM NO.3****PRE-BID SIGN IN SHEET**

See attached sign in sheet.

**ITEM NO.4****QUESTIONS AND ANSWERS FROM PRE-BID MEETING**

- Q1: It seems that sod may not be harvested by local sod suppliers until late May which might push the project past the completion date.  
A1: The Town recognizes the variability of sod supply and will consider a contract time adjustment if the availability of sod will delay the project.
- Q2: Will the survey staking be by the Town or by the contractor?  
A2: See Special Provisions Section 00150.
- Q3: What is the slope for the path  
A3: Path slope should follow ODOT Highway Design Manual for minimum slopes.
- Q4: Are the new sprinklers for the entire park?  
A4: The new sprinklers should cover the entire park. Contractor shall submit a sprinkler layout to engineer for approval.
- Q5: Should screws be 2-1/2" on detail 2 sheet S4?  
A5: See revised plan sheets.
- Q6: Should the roof decking be tongue and groove?  
A6: See detail 1 sheet A1.
- Q7: Should the shade structure and splash pad be bonded together?  
A7: Contractor should follow electrical code for all bonding. No need to bond pads together unless electrical code requires it.

**ITEM NO.5****BIDDER'S PACKET****BID FORM**

Revised Bid Form attached.

**ITEM NO.6****QUESTIONS AND ANSWERS FROM SUBMITTED RFI'S**

Q1: They state in the plans 330 cubic yards of concrete. Does that include these:

- a. the length of sidewalks
- b. the thickened edges for the splash pad
- c. the shade structure footings for the posts
- d. the individual spray jet posts
- e. curb and gutter and transition panel to the handicap ramp
- f. the concrete is tested and it fails who pays for the replacement

A1: The concrete quantity in the bid form is the estimate of concrete required to build the pathways including the pads for the benches, actual quantity will be paid by concrete in place to construct the paths per the plans and specifications. Other items such as the ramp, shade structure and splash pad are lump sum items.

Q2: Adam just found a spot that they want all this broken down bid wise in the different areas and then it said 330 yards for the sidewalks? So, is the 330 yards just the sidewalks?

A2: Correct, the concrete quantity for sidewalks is just for sidewalks.

Q3: So it makes it hard to quote out the concrete on this because of the delivery and they charge \$500/day to open the plant in the winter months which she has put out there to the end of April. (if we know how much is for each area we can estimate the delivery)

A3: Concrete quantity estimate is provided for the walkways, contractor should estimate all other concrete quantities.

Q4: If the lumber suppliers cannot find a 3x6 cedar tongue and groove for the shade structure roof, are there alternatives.

A4: Contractor may submit a substitution request per the specifications.

Q5: The plans are calling for 2 1/2" screws to hold a 3" board down - how does that work????

A5: This was answered in the pre-bid questions, see attached revised plans.

Q6: On the splash pad the slope to the drain is there a maximum slope? 2% ada or more or less

A6: See attached revised plans for clarification.

No.	REVISION	DATE
01	REVISION 1	11/22/2022 TSL
BY		

**McDONALD PARK SPLASH PAD  
FOR THE  
TOWN OF LAKEVIEW**

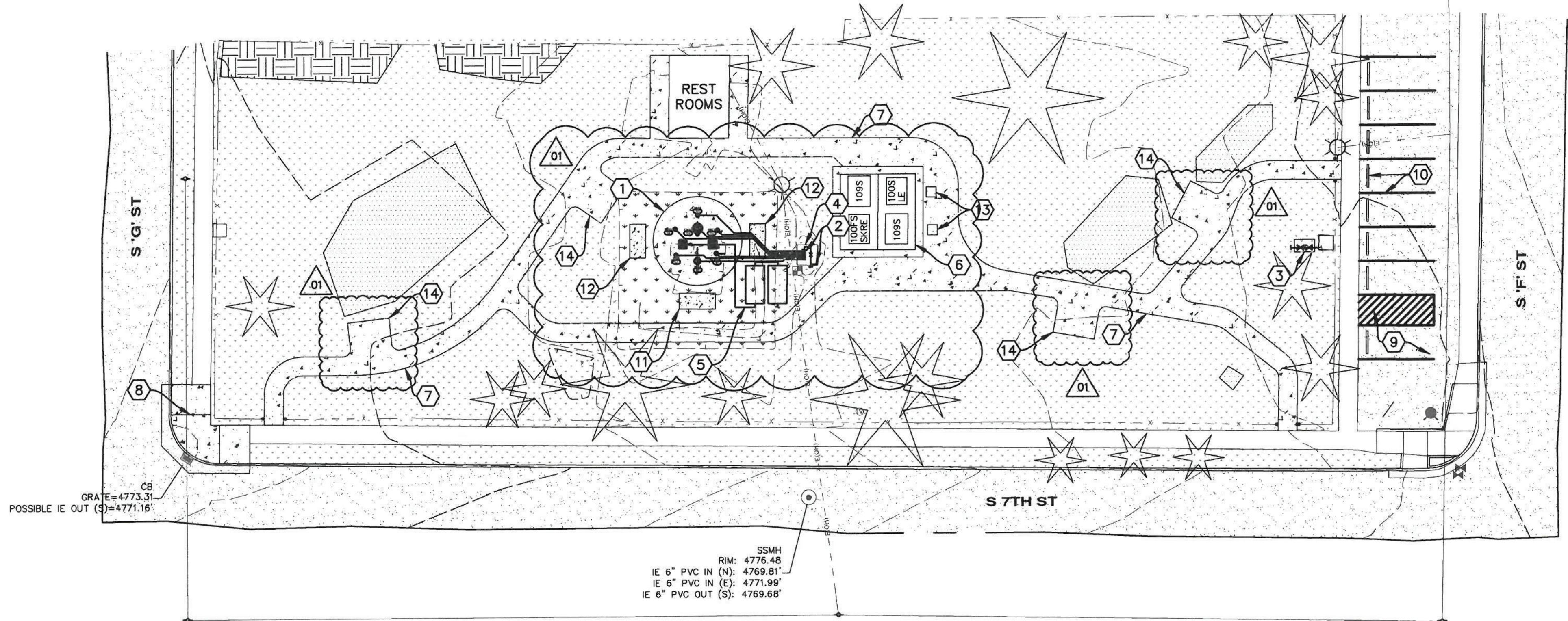
**SITE PLAN**

**ADKINS** o / 541.844.4666  
w / AdkinsEngineering.com  
1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601  
SERVING S. OREGON & N. CALIFORNIA  
ENGINEERING • SURVEYING • PLANNING • TESTING

DATE: 11-07-2022  
PROJECT: 3948-02  
FILE: SITE PLAN  
DESIGNED BY: TSL  
DRAWN BY: TSL  
CHECKED BY: DBS  
SURVEYED BY: N/A  
SCALE: AS SHOWN  
SHEET: 4 OF 11

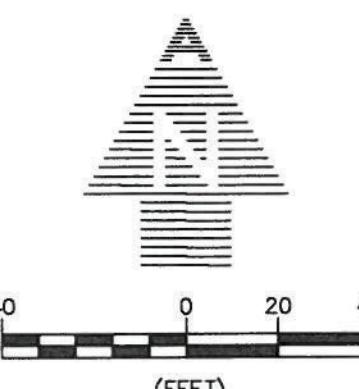
**C4**

REGISTERED PROFESSIONAL  
ENGINEER  
88332PE  
OREGON  
DECEMBER 9, 2015  
DANIEL B. SCALAS  
EXPIRES 6/30/24

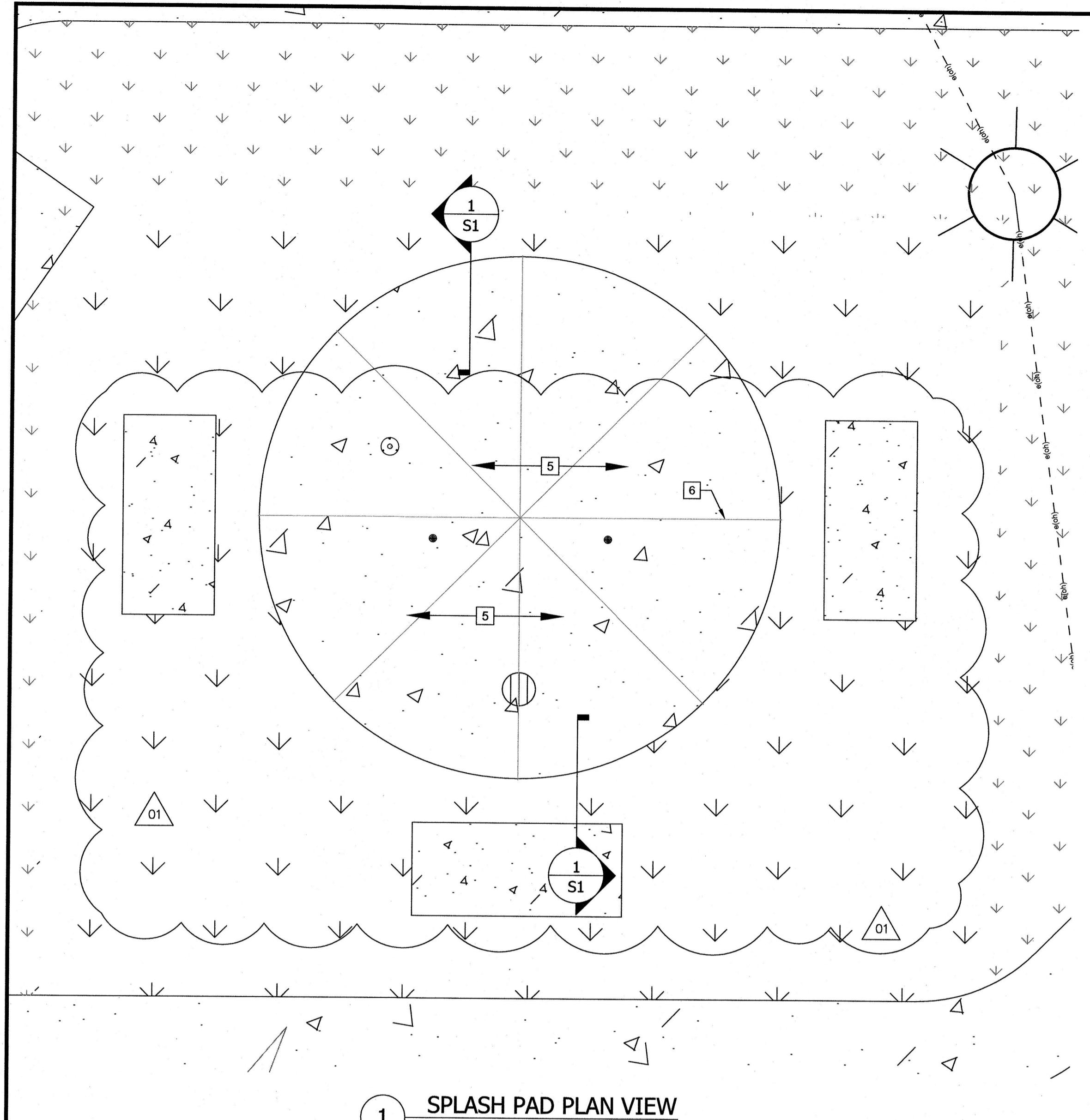


#### CONSTRUCTION NOTES

- ① INSTALL WATER ODYSSEY EQUIPMENT ON 23'-7" DIAMETER CONCRETE PAD, AT GRADE. REFER TO SHEET S1 FOR CONCRETE AND REINFORCEMENT REQUIREMENTS. CONTRACTOR TO SLOPE PAD FROM OUTSIDE EDGE TO WATER ODYSSEY DRAINS AT 1.50%, TYP.. CONTRACTOR TO INSTALL SOD IN AREA BETWEEN DEMOLISHED WADING POOL AND PROPOSED SPLASH PAD. SOD AREA IS APPROXIMATELY 1,250 SQUARE FEET.
- ② INSTALL CONTROL STATION AND NEW VALVES, PER DETAIL 2/C5, IN EXISTING VAULT. SPLASH PAD SHALL BE SUPPLIED FROM EXISTING WATER LINE AND ELECTRICAL SOURCE. CONTRACTOR TO VERIFY THAT THE POWER SOURCE IS SUFFICIENT PER WATER ODYSSEY REQUIREMENTS.
- ③ INSTALL NEW CONCRETE VULT AND REDUCED PRESSURE BACK FLOW PREVENTION DEVICE SEE DETAIL 1/C5. CONTRACTOR TO FIELD LOCATE EXISTING LINE, SPLICE IN PROPOSED VALVE, WITHOUT DAMAGING OTHER INFRASTRUCTURE. CONTRACTOR TO ABANDON EXISTING IRRIGATION SYSTEM, IN PLACE, AND PROVIDE NEW IRRIGATION SYSTEM. SYSTEM TO BE SUPPLIED PRIMARILY FROM SPLASH PAD RE-USE WATER, THEN MUNICIPAL RESOURCES AS SECONDARY. CONTRACTOR TO SUBMIT PROPOSED IRRIGATION PLAN TO ENGINEER FOR APPROVAL.
- ④ EXISTING SERVICE CONNECTION VAULT SEE DETAIL 3, SHEET C5.
- ⑤ CONNECT SPLASH PAD DRAIN TO PROPOSED UNDERGROUND IRRIGATION STORAGE TANKS. CONTRACTOR TO PROVIDE 5,000 GALLONS OF ORENCO FIBERGLASS, OR APPROVED EQUAL, TRAFFIC-RATED STORAGE CAPACITY FOR SPLASH PAD WASTEWATER. CONTRACTOR TO INSTALL ORENCO BIOTUBE PROPAK PUMP PACKAGE, OR APPROVED EQUAL, EFFLUENT PUMPING SYSTEM TO IRRIGATION CONNECTION. TANK OVERFLOW SYSTEM TO BE CONNECTED TO EXISTING DRAIN. CONTRACTOR TO INSTALL RELAY WIRE FROM EFFLUENT PUMP LOW FLUID LEVEL FLOAT TO MUNICIPAL WATER SUPPLY VALVE AS SUPPLEMENTAL WATER IS REQUIRED.
- ⑥ INSTALL SHADE STRUCTURE AND ASSOCIATED CONCRETE PAD PER STRUCTURAL-SHEETS.
- ⑦ INSTALL 5'-WIDE MEANDERING ADA-ACCESSIBLE SIDEWALK THROUGHOUT PARK PER OREGON DEPARTMENT OF TRANSPORTATION STANDARD DETAIL RD720. PROVIDE CONSTRUCTION JOINTS PER ODOT RD722. INSTALL FENCE GAP, POSTS, AND TRANSITIONS AS REQUIRED. CONTRACTOR TO FIELD GRADE SIDEWALK TO ALLOW FOR ADEQUATE DRAINAGE WITHOUT PONDING.
- ⑧ INSTALL ADA-ACCESSIBLE RAMP ACCORDING TO OREGON DEPARTMENT OF TRANSPORTATION STANDARD DETAIL RD-922 OPTION PL-4 AND ASSOCIATED ASPHALT PATCHING REQUIRED.
- ⑨ INSTALL ADA-ACCESSIBLE VAN PARKING SIGNAGE, WHEEL STOP, AND PAINTED ACCESS AISLE PER CURRENT ADA STANDARDS, CHAPTER 5. CONTRACTOR TO VERIFY EXISTING PAD DOES NOT EXCEED 2% SLOPE IN ANY DIRECTION. IF EXCESS SLOPE IS ENCOUNTERED, CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY.
- ⑩ INSTALL WHEEL STOP PER TOWN OF LAKEVIEW REQUIREMENTS. CLEAN EXISTING ASPHALT CONCRETE, FOG COAT, AND PAINT PARKING STALL STRIPING PER TOWN OF LAKEVIEW STANDARDS @ 9'-0" O.C.
- ⑪ INSTALL 4'X10' CONCRETE PAD FOR FUTURE BENCH, TYP.
- ⑫ INSTALL 4'X9 CONCRETE PAD FOR FUTURE BENCH, TYP.
- ⑬ INSTALL REPLACEMENT BBQ KIT, PER OWNER, TYP.
- ⑭ INSTALL 9'X11' CONCRETE PAD FOR FUTURE TABLE, TYP.



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1 SPLASH PAD PLAN VIEW  
Scale: 3" = 1' - 0"

## # FOUNDATION NOTES:

- REFER TO THIS SHEET FOR TYPICAL STRUCTURAL REQUIREMENTS.
- THE CONTRACTOR SHALL REFER TO CIVIL PLANS FOR ALL DIMENSIONS. DO NOT SCALE DRAWINGS.
- FINISH GRADE SHALL BE SLOPED AWAY FROM THE PAD AT  $\frac{1}{2}$ " PER 1'-0" FOR 10'-0" MIN.
- ALL FOUNDATION SYSTEMS SHALL BEAR ON FIRM UNDISTURBED NATIVE SOIL OR COMPAKTED STRUCTURAL FILL. MAXIMUM BEARING PRESSURE IS ASSUMED TO BE 1,500PSI UNLESS INDICATED OTHERWISE.
- 4" THICK CONCRETE SLAB ON GRADE WITH #4 REBAR @ 12" O.C. EACH WAY AT SLAB MID THICKNESS OVER 6  $\frac{3}{4}$ " - 0" COMPAKTED TO 98% MAXIMUM DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR). PENETRATIONS THROUGH SLAB SHALL HAVE MIN. 3" CLEAR SPACE BETWEEN REBAR AND PENETRATION, TYP. SLAB IS TO BE BROOM FINISHED WITH STROKES RUNNING FROM PAD CENTER TO PERIMETER.
- CONTROL JOINT PER DETAIL 3, TYP.
- PENETRATIONS THROUGH SLAB SHALL BE PER DETAIL 2, TYP.

## STRUCTURAL GENERAL NOTES - APPLICABLE TO ALL CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS

### A. DESIGN SCOPE

- Structural Design shown on Sheet S1 by Adkins Engineering & Surveying, LLP, ACE, includes the following items.
  - Foundation Plan
  - Structural design shown on Sheet S1 may not include:
    - Mechanical, Electrical, or Plumbing items as it relates to the project. Refer to Civil/MEP plans for additional information.
  - Typical structural details provided for this project illustrate "nominal" conditions. They are not necessarily drawn to scale. The intent is to show important construction information such as member size, number and size of fasteners etc. The contractor is solely responsible for verifying specific dimensions/angles and other conditions that may exist.

### B. GENERAL REQUIREMENTS

- All work shall conform to the requirements of the 2019 Oregon Structural Specialty Code and any applicable local ordinances except where characteristics are more restrictive.
- Drawings are not to be scaled. Written dimensions shall govern construction. The contractor shall verify dimensions with the architectural drawings and the site conditions prior to construction and any discrepancies shall be brought to the attention of the architect and the engineer so that clarification can be made. All dimensions related to existing conditions shall be verified by the contractor.
- The contractor shall notify the engineer in writing of any discrepancies on the drawings requiring clarification or revisions before commencing work.
- At all times the contractor shall be solely responsible for conditions at the jobsite. Neither the owner nor Architect/Engineer will enforce safety measure/regulations. The contractor shall design, construct, and maintain all safety devices and programs, including safety of persons and property, design, adequacy, and safety of temporary shoring, bracing, formwork, scaffolding, erection sequence and methods etc.
- The engineer's structural observation and site visits are not intended to include review of the above items.
- The contractor shall furnish all labor, materials, and equipment necessary to complete the work shown or inferred by these drawings.
- Where construction details are not shown or noted for any part of the work, such details shall be the same as for similar work shown on the drawings.
- In case of conflict, notes and details on the drawings take precedence over the general notes and typical details.
- The contractor shall provide manufacturer's product evaluation reports (ICC - ES Reports) and a list of all proposed substitutions to the Engineer for review and written approval before fabrication. Such review shall be on a time and materials basis with no guaranteed approval will be granted.
- Pipes, ducts, sleeves, chases, etc. shall not be placed in slabs, beams, or walls unless specifically shown or noted nor shall any structural member be cut for pipe, ducts, etc., unless specifically shown. Obtain written approval prior to installation of any additional holes, ducts, etc.
- Locate and protect underground or concealed conduit, plumbing or other utilities where new work is being performed.
- All existing construction is shown schematic only. The contractor is responsible to verify actual conditions and allow for them in his bid.
- All communication shall be in writing. No verbal communications, decisions, instructions or approvals shall be valid.

### C. FOUNDATION (Spread Footings)

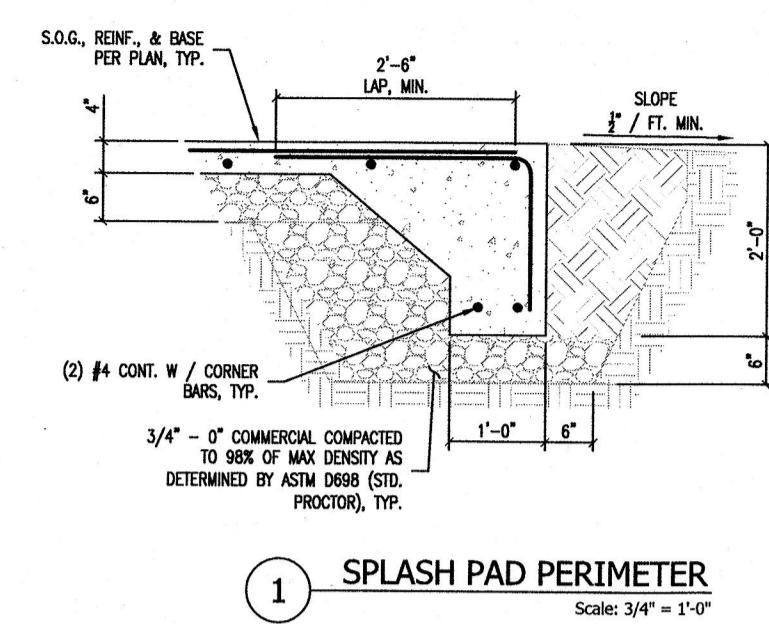
- Adkins Engineering & Surveying recommends that the owner/contractor hire a Geotechnical Engineer licensed by the state of Oregon to evaluate the site and prepare a report of their findings. Due to the lack of such a report for this site, the foundation has been designed using a 1,500 psi presumptive allowable bearing capacity per OSSC table 1804.2. The contractor shall report in writing to the engineer, any condition mitigating the above assumption.
- Footings shall be founded a minimum of 12" below undisturbed ground surface. The footings shall also extend below the frost line as determined by the local Building Official. Frost depth for Lake County is 24" below finished grade.
- If the stated bearing capacity, as determined by the Building Official or a Geotechnical Engineer, is not encountered, the contractor shall notify the Engineer of Record (EOR), in writing.
- Footings and concrete slabs on grade shall bear on undisturbed native soil or approved structural fill compacted to a minimum of 95% under slab and 98% under footings of the maximum dry density as determined by ASTM test method D-698 (Standard Proctor).
- Soft soil shall be removed and replaced with approved structural fill and compacted per note 4 above or the contractor may provide lean concrete.
- Wherever practical native soil and/or compacted structural fill shall be proof rolled with a fully loaded dump or water truck (loaded to 20 tons). If excessive rutting or pumping occurs the proof-roll has failed.
- All excavation, soil removal, proof rolling and/or compaction shall be observed and tested by a geotechnical engineer. Observation and compaction reports shall be sent to the Architect, Engineer, and the Building Official.
- Excavation shall be properly backfilled. Back fill for walls shall be pervious material acceptable to the Geotechnical Engineer. Do not place back fill behind walls before they have attained their design strength. Shore and protect walls from lateral loads until the supporting members are in place and have developed specified strength.
- Use light weight equipment to compact the soil within 2 feet around foundation/basement walls.
- Footings shall be stepped as required to maintain 12" below undisturbed native soil and also below frost depth noted above.
- Roof and area drainage shall be directed away from the foundation.
- Finish grade shall slope away from the foundation at a rate of 1/2 inch per foot for a minimum of 10 feet unless an engineer approved alternate drainage system is provided.

### D. CONCRETE

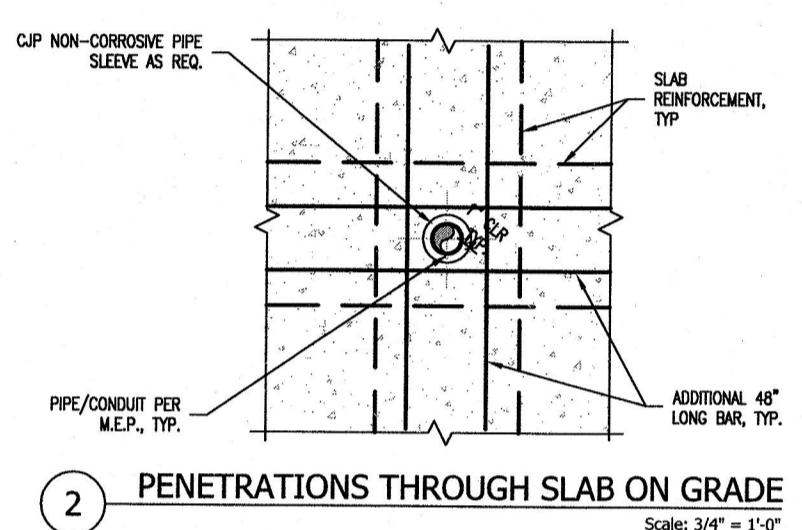
- All concrete work shall conform to Chapter 19 of the 2019 Oregon Structural Specialty Code.
- MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE  $f_c$  (OSSC Table 1904.2.2)

TYPE OR LOCATION OF CONCRETE	MINIMUM SPECIFIED COMPRESSIVE STRENGTH ( $f_c$ @ 28 days, psi)
Basement walls and foundations not exposed to weather	2,500 (a)
Basement slabs and interior slabs on grade, except garage floor slabs	2,500 (a)
Basement walls, foundation walls, exterior walls, and other vertical concrete surfaces exposed to weather	3,000 (b)
Driveways, curbs, walks, patios, porches, carpet slabs, steps and other flatwork exposed to the weather, and garage floor slabs	3,500 (b)(c)

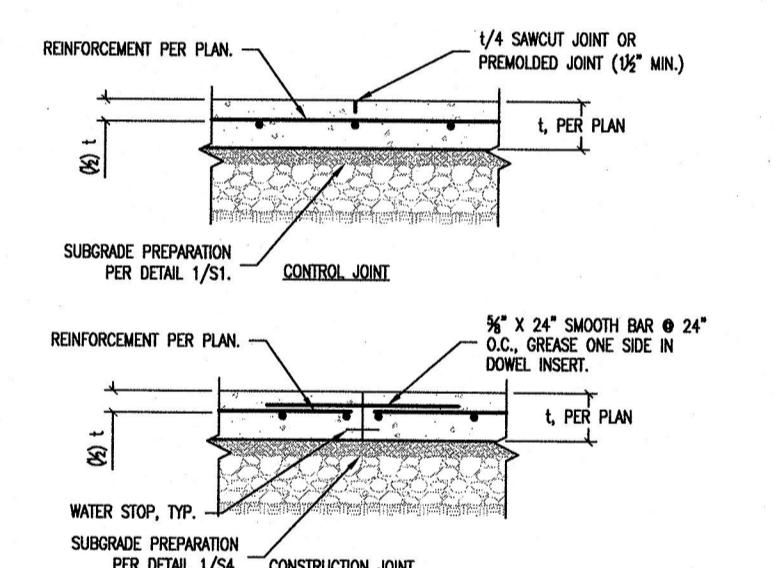
- Concrete in these locations that can be subjected to freezing and thawing during construction shall contain the proper admixtures to obtain 7% air entrainment.
- Concrete in these locations shall contain the proper admixtures to obtain 7% air entrainment.
- For garage floor slabs where a steel trowel finish is used the total air content required by section 1904.2.1 is permitted to be reduced to not less than 3 percent, provided the minimum specified compressive strength of the concrete is increased to 4,000 psi.
- 28 day Concrete compressive strength shall be verified by standard 28 day cylinder tests per ASTM C39.
- Reinforcing Steel:
  - Shall conform to ASTM A615, Grade 60, for deformed bars unless noted otherwise.
  - Splices shall be 48 bar diameters with 24" minimum unless noted otherwise.
  - Where horizontal reinforcing is noted as "continuous" provide 2'-6" X 2'-6" corner bars at corners of bond beams, footings, walls, etc. Corner bars shall be of the same size, spacing, location, and quantity as the continuous reinforcing specified.
  - When air temperature is above 85 degrees Fahrenheit or when wind exceeds 10 mph, place concrete in accordance with ACI 305, Hot Weather Concreting. When the average air temperature is below 40 degree Fahrenheit place concrete in accordance with ACI 306, cold weather concreting.
  - Per the aquatic playground manufacturer, all structural concrete must be a minimum of 3,000psi.



1 SPLASH PAD PERIMETER  
Scale: 3/4" = 1'-0"



2 PENETRATIONS THROUGH SLAB ON GRADE  
Scale: 3/4" = 1'-0"



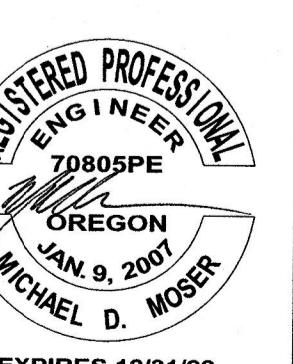
3 SLAB ON GRADE JOINT DETAILS  
Scale: 3/4" = 1'-0"

No.	REVISION	DATE	BY
01	01	11/22/2022	TSL
McDONALD PARK SPLASH PAD FOR THE TOWN OF LAKEVIEW			
STRUCTURAL PLAN			

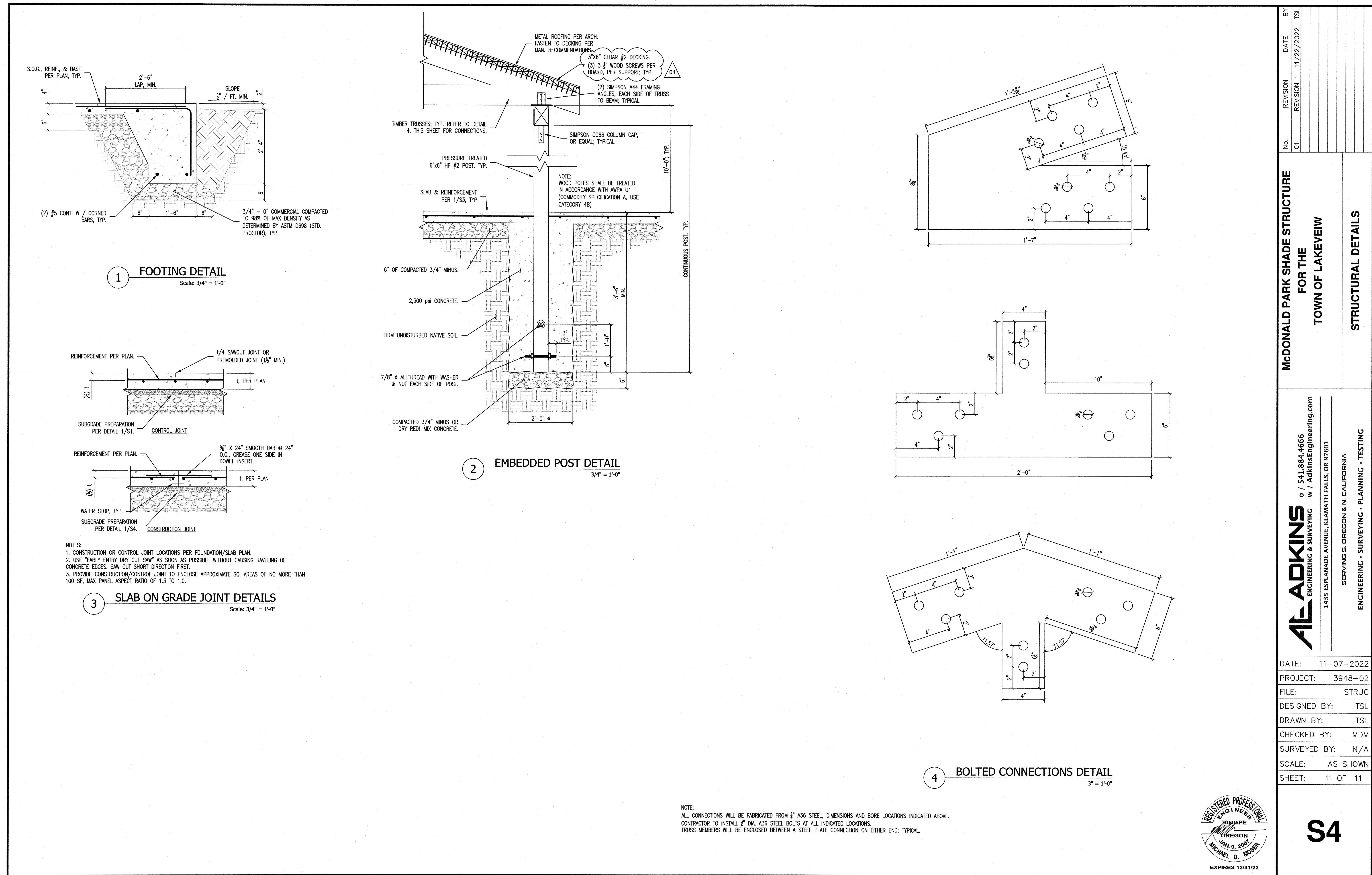
o / 541.884.4666  
w / AdkinsEngineering.com  
1435 ESPANADE AVENUE, KLANATH FALLS, OR 97601  
SERVING S. OREGON & N. CALIFORNIA

**Adkins**  
ENGINEERING & SURVEYING  
1435 Espanade Avenue, Klamath Falls, OR 97601

DATE: 11-07-2022  
PROJECT: 3948-02  
FILE: STRUC  
DESIGNED BY: TSL  
DRAWN BY: TSL  
CHECKED BY: MDM  
SURVEYED BY: N/A  
SCALE: AS SHOWN  
SHEET: 8 OF 11



S1



**Non-Mandatory Pre-Bid Conference for the Construction of  
McDonald Park Splash Pad**

Lakeview, OR

11/17/2022

ACE Project #3948-02

**Attendance:**

	Representative:	Title/Company	Email	Phone#	Prime/Sub
1	Dan Scalas	Project Manager - Adkins Engineering & Surveying	dscalas@adkinsengineering.com	541-884-4666	PM
2	Troy Miller	Public works Director	publicworks@townoflakeview.org	(541) 816-0587	
3	Sean Pettitman	Town of Lakeview	WASTEMASTER@townoflakeview.org	541-244-4837	
4	Scott Lantier	Town of Lakeview			
5	Ron Young	PM Excel Northwest LLC	excelnorthwest@icloud.com	541-419-5654	Prime
6	Adam Albertson	Albertson Construction/Dog Lake construction	albertsonandregmarl.com	541-417-1025	
7	Shelia Strubel	Town of Lakeview	adminpw@townoflakeview.org	541-947-2020	
8	Michele Parry	Town Manager			
9					
10					
11					

ADDENDUM NO. 2

BID FORM

McDonald Park Splash Pad, Lakeview, Oregon

**BID OPENING: 12/6/2022 AT 2:00 P.M. PST**

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein; that this Bid is in all respects fair and without fraud; that this Bid is made without any connection or collusion with any official of the Town of Lakeview, person, firm, or corporation making a Bid for the same Project. Subcontractor disclosure form must be submitted within the time frame stated in the Standard Specifications and Certificate of non-discrimination and Certificate of Compliance with ORS 305-380 & 305.385 must accompany bidder's proposal.

The Bidder further declares that he/she has carefully examined the Plans, Standard Specifications and Special Provisions for the construction detailed therein, that he/she has personally inspected the site; that he/she has satisfied him/herself to the quantities of Materials, items of Equipment, and conditions of the Work involved.

The Bidder agrees to furnish all machinery, tools, labor apparatus and other means of construction, and do the Work and furnish all the Materials necessary to complete the Work in accordance with the Plans, Standard Specifications, Special Provisions, and instructions of the Engineer.

The Bidder further agrees to commence work in accordance with Section 00180.40 of the Special Provisions and complete all Work to be done under this Contract not later than the date shown in Section 00180.50(h) of the Special Provisions. The Bidder further agrees to accept as full payment for the proposed Work, the unit price amounts as follows:

BID ITEM	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT QUANTITY	UNIT PRICE	TOTAL PRICE
1	00210	Mobilization	LS	1	_____	_____
2	00221	Temporary Work Zone Traffic Control, Complete-In-Place	LS	1	_____	_____
3	00310	Removal of wading pool and associated appurtenances	LS	1	_____	_____
4	00310	Removal of shade structure and concrete pad	LS	1	_____	_____
5	00405	Trench excavation bedding and backfill for splash pad supply and drainpipe	LF	200	_____	_____
6	00445	Install drainpipe for splash pad	LF	30	_____	_____
7	00570	Construct new shade structure	LS	1	_____	_____
8	00759	Construct new concrete splash pad	LS	1	_____	_____
9	00759	Construct new concrete shade structure pad	LS	1	_____	_____
10	01040	Plant sod lawn around new splash pad	SY	150	_____	_____
11	01120	Install reduced-pressure backflow device	LS	1	_____	_____

## ADDENDUM NO. 2

BID ITEM	SPEC NO.	ITEM DESCRIPTION	UNIT	UNIT QUANTITY	UNIT PRICE	TOTAL PRICE
12	01140	Install pipe for splash pad supply	LF	170	_____	_____
13	01140	Install pipe for backflow device	LF	20	_____	_____
14	N/A	Install splash pad spray equipment, valves, controller and associated appurtenances	LS	1	_____	_____
15	N/A	Install irrigation reuse system, tanks, valves, pumps and associated appurtenances	LS	1	_____	_____
16	01120	Install complete irrigation system, valves, controller, pipe, sprinklers and associated appurtenances	LS	1	_____	_____
17	00759	Concrete walks	SY	380	_____	_____
18	00759	New sidewalk ramp	EA	1	_____	_____
19	00867	Install wheel stops and striping	LS	1	_____	_____
20	00705	Fog coat parking lot	SY	408	_____	_____
21	00150	Construction Surveying	LS	1	_____	_____

Total: \_\_\_\_\_