

SPRING STREET POCKET PARK

Bid Documents



Town of
Friday Harbor

Spring Street
Pocket Park

Friday Harbor, WA



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Misty Philbin
MISTY PHILBIN
CERTIFICATE NO. 722

DESIGNED BY: TPG
DRAWN BY: PL

Date	Issue
5/20/16	90% Construction Documents
9/7/16	100% Construction Documents

Sheet Title
Cover Sheet

Sheet Number
L-0

GENERAL NOTES

- THESE PLANS ARE PART OF A SET OF CONTRACT DOCUMENTS AND SHALL NOT BE CONSIDERED THE SOLE SOURCE OF CONSTRUCTION INFORMATION. WRITTEN PROJECT SPECIFICATIONS SUPERCEDE THE DRAWINGS WHERE DISCREPANCIES EXIST. WHERE REFERENCED, AGENCY STANDARDS SUCH AS TOWN OF FRIDAY HARBOR STANDARD DRAWINGS AND WSDOT STANDARD PLANS PREVAIL.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN COMPLIANCE WITH THE LATEST EDITION OF THE WA STATE DEPARTMENT OF HEALTH WATER SYSTEM MANUAL, AWWA STANDARDS, INTERNATIONAL BUILDING CODE, TOWN OF FRIDAY HARBOR WATER STANDARDS AND OTHER REFERENCED STANDARDS AS REQ'D.
- COPIES OF THE CONTRACT DOCUMENTS AND PERMITS SHALL BE AVAILABLE ON SITE AT ALL TIMES
- ALL IMPROVEMENTS SHOWN OR INDICATED ON THESE DRAWINGS ARE TO BE CONSTRUCTED AND/OR INSTALLED BY THE CONTRACTOR IN THIS PROJECT, UNLESS THEY ARE CALLED OUT AS: "EXISTING", "FUTURE", "NIC", "NOT A PART", "BY OTHERS" OR SOME OTHER EXCLUDING NOTATION.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL COMPLY WITH FEDERAL AND STATE OCCUPATIONAL SAFETY AND HEALTH REQUIREMENTS, ADHERE TO ACCEPTED STANDARDS OF SAFETY AT ALL TIMES AND SHALL FURNISH, ERECT AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS AND SIGNS AS NECESSARY TO GIVE ADEQUATE PROTECTION TO SITE VISITORS AND THE PUBLIC. PERSONAL PROTECTIVE EQUIPMENT SHALL BE AVAILABLE ON SITE FOR LOAN TO SITE VISITORS AS NEEDED. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY ARISING IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER OR THIRD PARTY IN VIOLATION OF THE LAW OR IN TRESPASS.
- THE CONTRACTOR SHALL DESIGNATE AND KEEP ON THE PROJECT AT ALL TIMES DURING ITS PROGRESS A COMPETENT SUPERINTENDENT WHO SHALL NOT BE REPLACED WITHOUT A WRITTEN NOTICE TO THE TOWN'S REPRESENTATIVE. THE SUPERINTENDENT SHALL BE THE CONTRACTOR'S REPRESENTATIVE AT THE SITE AND SHALL HAVE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR. ALL COMMUNICATIONS GIVEN TO THE SUPERINTENDENT SHALL BE AS BINDING AS IF GIVEN TO THE CONTRACTOR. DURING PERIODS WHEN THE WORK IS SUSPENDED, THE CONTRACTOR SHALL MAKE APPROPRIATE ARRANGEMENTS FOR ANY EMERGENCY WORK WHICH MAY BE REQUIRED.
- CONTRACTOR SHALL NOTIFY THE TOWN'S REPRESENTATIVE AND ALL OTHER INTERESTED PARTIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF WORK. THE TERM "TOWN'S REPRESENTATIVE" SHALL BE INTERPRETED TO MEAN THE TOWN OF FRIDAY HARBOR'S PUBLIC WORKS DIRECTOR OR THE TOWN ADMINISTRATOR.
- THE CONTRACTOR SHALL CONTINUOUSLY REVIEW JOB SITE CONDITIONS. CONDITIONS REQUIRING CONSTRUCTION DIFFERENT THAN THAT SHOWN ON THE PLANS SHALL BE REPORTED TO THE TOWN'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE AFFECTED CONSTRUCTION.
- THE LANDS AND RIGHTS-OF-WAY FOR THE FACILITY TO BE CONSTRUCTED WILL BE PROVIDED BY THE TOWN. THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS AND PAY ALL EXPENSES FOR ADDITIONAL AREA REQUIRED BY HIM BEYOND THE LIMITS OF THE TOWN'S LANDS AND RIGHTS-OF-WAY.
- WHERE APPLICABLE LAND USE AND SHORELINE PERMITS HAVE BEEN OBTAINED BY THE OWNER PRIOR TO BIDDING THE PROJECT AND WILL BE PROVIDED UPON AWARD OF CONTRACT. ALL OTHER REQUIRED PERMITS AND NECESSARY TOWN BUSINESS LICENSE(S) SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
- GRADING, UNDERGROUND AND WORK NOT SUBJECT TO PERMITS MAY COMMENCE UPON NOTICE TO PROCEED.

- THE CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL CONSTRUCTION CHANGES. A SET OF PROJECT DRAWINGS SHALL BE KEPT ON SITE, ON WHICH RECORD INFORMATION SHALL BE PLACED NOTING DEVIATIONS FROM THE PLANS IN THE LOCATION, GRADE, SIZE, TYPE AND SCOPE OF WORK WHICH IS CONSTRUCTED. AT THE END OF THE JOB THE CONTRACTOR SHALL DELIVER CERTIFIED "AS-BUILT" REDLINED PLANS TO THE TOWN BEFORE THE PROJECT WILL BE CONSIDERED COMPLETE OR RECOMMENDED FOR ACCEPTANCE.
- THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID INJURY TO SURVEY MONUMENTS, EXISTING IMPROVEMENTS OR FACILITIES, UTILITY FACILITIES, ADJACENT PROPERTY, AND TREES AND SHRUBBERY THAT ARE NOT TO BE REMOVED. ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE TOWN'S REPRESENTATIVE. CORNER MONUMENTS DAMAGED OR DESTROYED SHALL BE RE-SET TO CURRENT STANDARDS AND A RECORD OF SURVEY FILED.
- AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 AND REQUEST THAT UTILITY OWNERS MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR FACILITIES. BEFORE COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL POTHOLE AND EXPOSE THE EXISTING UTILITIES AT ALL CROSSINGS AND AT THE POINT OF TIE-IN AND SHALL VERIFY AND RECORD THE ELEVATION OF THE EXISTING FACILITIES. THE TOWN'S REPRESENTATIVE SHALL BE IMMEDIATELY NOTIFIED OF ANY POTENTIAL CONFLICTS BETWEEN EXISTING FACILITIES AND CONSTRUCTION OF NEW IMPROVEMENTS.
- UNDERGROUND UTILITIES OR STRUCTURES ON OR CONTIGUOUS TO THE SITE ARE INDICATED ON THE PLANS WITH THEIR APPROXIMATE LOCATION AND EXTENT. INFORMATION PERTAINING TO EXISTING UNDERGROUND FACILITIES IS BASED ON RECORD INFORMATION AND DATA PROVIDED TO THE TOWN BY THE OWNERS OF SUCH FACILITIES AND IS BELIEVED TO BE CORRECT, BUT THE TOWN DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS THEREOF. THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT HE AGREES TO HOLD THE TOWN HARMLESS FOR ANY LIABILITY FOR DAMAGE TO UNDERGROUND FACILITIES, WHETHER OR NOT SHOWN IN THE PLANS OR LOCATED IN THE FIELD. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT EXISTING UNDERGROUND FACILITIES FROM DAMAGE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.
- DURING ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBSERVE, FOLLOW AND IMPLEMENT ALL THE REQUIREMENTS OF THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN AND KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE TOWN'S REPRESENTATIVE THROUGHOUT THE CONSTRUCTION OPERATION.
- WHEN THE WORK OR ANY PORTION OF IT IS SUFFICIENTLY COMPLETE TO BE UTILIZED OR PLACED INTO SERVICE, THE TOWN SHALL HAVE THE RIGHT UPON WRITTEN NOTIFICATION TO THE CONTRACTOR TO UTILIZE SUCH PORTIONS OF THE WORK AND TO PLACE THE OPERABLE PORTIONS INTO SERVICE AND TO OPERATE SAME. UPON SAID NOTICE AND COMMENCEMENT OF UTILIZATION OR OPERATION BY THE TOWN, THE CONTRACTOR SHALL BE RELIEVED OF THE DUTY OF MAINTAINING THE PORTIONS SO UTILIZED OR PLACED INTO OPERATION; PROVIDED, HOWEVER, THAT NOTHING IN THIS NOTE SHALL BE CONSTRUED AS RELIEVING THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR COMPLETING THE WORK IN ITS ENTIRETY, FOR MAKING GOOD DEFECTIVE WORK AND MATERIALS, FOR PROTECTING THE WORK FROM DAMAGE, AND FOR BEING RESPONSIBLE FOR DAMAGE.
- UNTIL THE ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL HAVE RESPONSIBLE CHARGE AND CARE OF THE WORK AND MATERIALS TO BE USED THEREIN (INCLUDING MATERIALS FOR WHICH PARTIAL PAYMENT HAS BEEN RECEIVED OR MATERIALS WHICH HAVE BEEN FURNISHED BY THE TOWN) AND SHALL BEAR THE RISK OF INJURY, LOSS, OR DAMAGE TO ANY PART THEREOF BY THE ACTION OF ELEMENTS OR FROM ANY OTHER CAUSE, WHETHER ARISING FROM THE EXECUTION OR FROM THE NON-EXECUTION OF THE WORK.

WORK IN PUBLIC RIGHT-OF-WAY

- THE CONTRACTOR SHALL SO CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES, AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED AND TEMPORARY CROSSINGS SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION. NO MORE THAN ONE CROSSING OR INTERSECTION STREET OR ROAD SHALL BE CLOSED AT ANY ONE TIME.
- BARRICADES, TRAFFIC CONTROL AND WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE CURRENT STATE TRAFFIC MANUAL AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND OBTAIN A TOWN RIGHT-OF-WAY PERMIT BEFORE BEGINNING WORK.

GENERAL WATER SYSTEM NOTES

- CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH, MATERIAL AND SIZE OF EXISTING WATER LINES AT POINTS OF PROPOSED CONNECTION. IF PIPE DATA IS MISREPRESENTED ON PLANS, THE TOWN'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY AND NO CONNECTION SHALL BE MADE TO THE WATER SYSTEM AT THAT POINT UNTIL APPROVAL FROM THE DESIGN ENGINEER AND THE TOWN IS RECEIVED BY THE CONTRACTOR.
- WATER MAINS, FIRE HYDRANTS, AND SERVICE STUBS SHALL BE INSTALLED AS SHOWN ON THE PLANS UNLESS OTHERWISE APPROVED BY THE DESIGN ENGINEER AND THE TOWN IN WRITING.
- WORK PERTAINING TO WATER FACILITIES CONSTRUCTION SHALL BE DONE BY A CONTRACTOR POSSESSING A VALID, APPROPRIATE STATE OF WASHINGTON CONTRACTORS LICENSE.
- ALL MATERIAL SHALL CONFORM TO THE LATEST AWWA AND ASTM SPECIFICATIONS AND NSF STANDARDS 60 AND 61.
- TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ALL PAVING AND REPAVING DONE IN CONJUNCTION WITH WATER FACILITIES CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH TOWN OF FRIDAY HARBOR STREET STANDARDS, DRAWING NO. 4-8.
- DURING CONSTRUCTION, A TRACER WIRE SHALL BE INSTALLED ALONG THE TOP OF ANY NON-METALLIC WATER MAIN AND BROUGHT TO THE FINISHED SURFACE AT EACH VALVE BOX.
- A FOUR MIL BLUE PLASTIC TAPE MARKED "CAUTION -BURIED POTABLE WATER LINES" SHALL BE INSTALLED TWO FEET ABOVE TOP OF CONSTRUCTED POTABLE WATER MAIN.
- ALL WATER LINE IMPROVEMENTS AND EXTENSIONS SHALL BE PRESSURE TESTED PER TOWN STANDARDS AND AFTER DISINFECTION.
- ALL WATER LINE IMPROVEMENTS AND EXTENSIONS SHALL BE DISINFECTED PER TOWN STANDARDS BEFORE BEING PLACED IN SERVICE, BUT AFTER CONNECTION TO THE EXISTING TOWN WATER SYSTEM. A VALVE SHALL BE INSTALLED IN THE CLOSED POSITION AT THE CONNECTION POINT TO THE EXISTING TOWN WATER SYSTEM. THE VALVE SHALL BE OPERATED BY TOWN WATER DEPARTMENT PERSONNEL ONLY.
- WHERE NEW WATER MAIN IS BEING INSTALLED, SERVICE STUBS SHALL BE INSTALLED FOR EACH LOT TO BE SERVED BY THE NEW MAIN.

ROADWAY CONSTRUCTION

- TO ASSURE SATISFACTORY OUTCOMES FOR HMA PAVING THE TOWN HAS SPECIFIED MINIMUM EQUIPMENT AND MANPOWER REQUIREMENTS FOR SPREADING, PLACEMENT AND COMPACTION OF HMA. SEE SPECIFICATION SECTION 02500.
- DURING CONSTRUCTION TAKE SPECIAL CARE TO MARK, PROTECT AND PRESERVE EXISTING PROPERTY CORNER MONUMENTS. MONUMENTS THAT ARE DISTURBED MUST BE RESET BY A LICENSED SURVEYOR. STATE LAW REQUIRES THAT A RECORD OF SURVEY BE FILED. THIS CAN COST ABOUT \$1500 OR MORE PER MONUMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE AND PAY FOR DAMAGED MONUMENTS TO BE RESET. IF HE/SHE FAILS TO DO SO THE TOWN WILL DO SO AND DEDUCT THE COST FROM PAYMENTS DUE THE CONTRACTOR. NONE OF THIS WILL BE NECESSARY IF MONUMENTS ARE CLEARLY MARKED AND PRESERVED DURING CONSTRUCTION. IF A MONUMENT IS FOUND TO INTERFERE WITH PLANNED CONSTRUCTION, CONTACT THE ENGINEER FOR INSTRUCTIONS.

SURVEY INFORMATION:

THE CIVIL ENGINEERING INFORMATION IS BASED ON A SURVEY DONE BY STARR SURVEYING (360) 378-5072 FOR THE TOWN OF FRIDAY HARBOR APRIL 2015. STARR SURVEYING JOB #1974

VERTICAL DATUM: NAVD 88 PER FIELD VERIFICATION OF PUBLISHED WSDOT MONUMENT ID NUMBER 3543, DESIGNATION BM28-1, USGS QUAD FOR FRIDAY HARBOR, SAN JUAN COUNTY, WASHINGTON; ELEVATION = 19.53'.

HORIZONTAL DATUM: NAD 83/91.

THE LANDSCAPE DESIGN DRAWINGS ARE REFERENCED TO LANDMARKS LOCAL TO THE SITE AND REFERENCE NO HORIZONTAL OR VERTICAL COORDINATES.

REV	DATE	BY	DESCRIPTION

TOWN OF FRIDAY HARBOR
 PO Box 216
 Friday Harbor, WA 98250
 (360) 378-2390

DESIGNED:
 DRAWN:
 CHECKED:
 QA/QC:
 CONSTRUCTABILITY:

Wayne R. Haeefe
 WAYNE R. HAEFELE, P.E.

12/06/16
 DATE



0 1/2 1 2
 THIS BAR IS 2 INCHES AT FULL SCALE. IF NOT 2 INCHES, THEN SCALE ACCORDINGLY.
 SCALE
 HORIZONTAL: NONE
 VERTICAL: NONE

SPRING STREET POCKET PARK
 PUBLIC WORKS DEPARTMENT
 GENERAL NOTES
 PROJECT INFORMATION

PROJECT NUMBER
 S.44.15.09
 DRAWING NUMBER
 G-2
 SHEET NUMBER
 2 OF 14

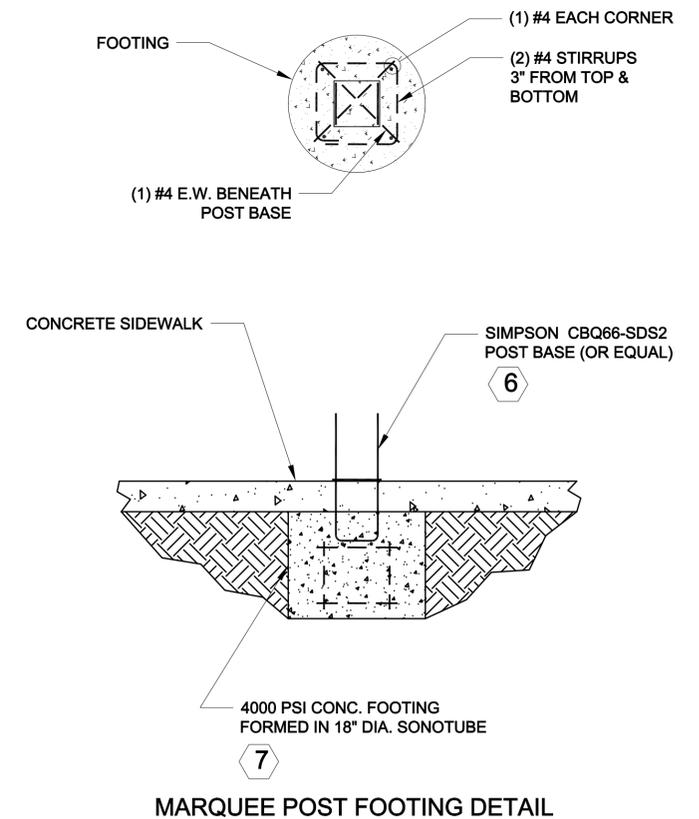
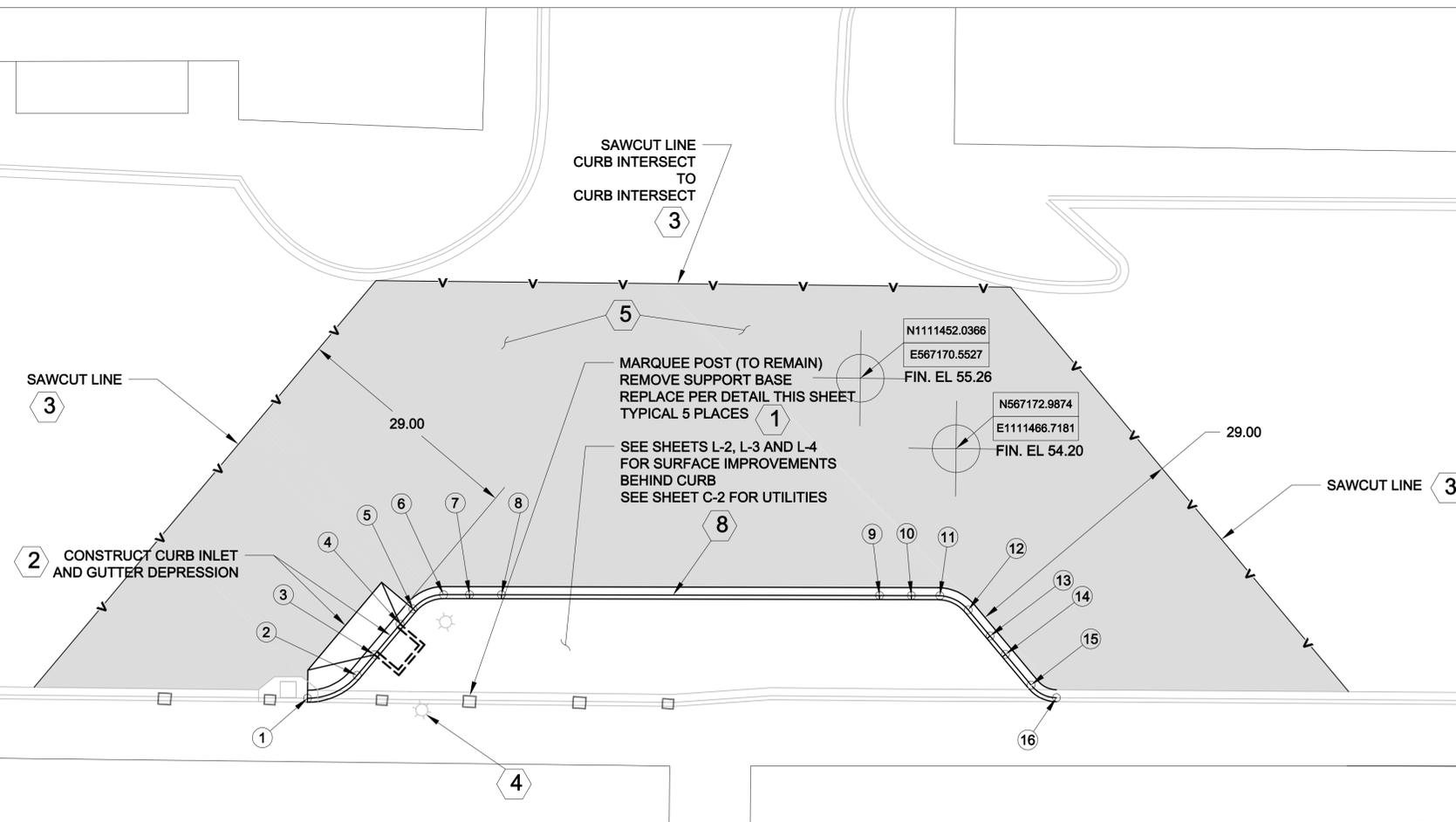
CONSTRUCTION NOTES

- 1 DEMOLISH COLUMN FOOTINGS AND CONSTRUCT NEW FOOTINGS IN ACCORDANCE WITH THE DETAIL THIS SHEET. PROVIDE TEMPORARY SUPPORT FOR MARQUEE PRIOR TO DEMOLISHING EXISTING COLUMN BASES.
- 2 FOUNDARY PARTS FOR CURB INLET WILL BE FURNISHED BY OWNER.
- 3 CONFORM TO EXISTING.
- 4 EXISTING LIGHT POLE. COORDINATE REMOVAL OF LIGHT AND POLE WITH OPALCO. DEMOLISH EXISTING POLE BASE TO BELOW GRADE SUFFICIENTLY SO THAT CONSTRUCTION OF IMPROVEMENTS IS NOT AFFECTED.
- 5 SAWCUT AND REMOVE EXISTING PAVEMENT. ADJUST SUBGRADE AS REQUIRED. PAVE BACK ROADWAY SECTION TO FINAL GRADE ELEVATIONS SHOWN WITH 0.30' 1/2" PG64 HMA IN TWO 0.15' LIFTS OVER 0.30' CSTC.
- 6 EMBED IN FOOTING BEFORE SIDEWALK IS POURED. POUR SIDEWALK UNDER POST BASE. SET POST BASE TO SIDEWALK FINAL GRADE AT TIME OF FOOTING CONSTRUCTION.
- 7 POUR AGAINST UNDISTURBED EARTH. OPTIONAL: PLACE BASE COURSE OF 5/8" MINUS COMPACTED TO 95%.
- 8 CONSTRUCT VERTICAL CONCRETE CURB AND GUTTER PER FRIDAY HARBOR STANDARD DRAWING 4-16

CURB RETURN TABLE

NUMBER	NORTHING	EASTING	ELEVATION	POINT TYPE	CURB HEIGHT	DESCRIPTION
1	567092.9855	1111432.2360	55.04	FLOW LINE	3.5"	SAWCUT EXISTING CURB. CONFORM TO EXISTING CURB HEIGHT, VERIFY ELEVATION
2	567099.4321	1111434.5332	NOTE 1	FLOW LINE	NOTE 1	TANGENCY OF RADIUS
3	567102.7993	1111434.2056	54.40	FLOW LINE	8.5	LOW POINT OF INLET GUTTER DEPRESSION
4	567107.7758	1111433.7213	54.25	FLOW LINE	8.5	LOW POINT OF INLET GUTTER DEPRESSION
5	567110.2641	1111433.4792	54.39	FLOW LINE	6"	TANGENCY OF RADIUS
6	567114.2482	1111434.8848	54.26	FLOW LINE	6"	TANGENCY OF RADIUS
7	567116.5758	1111437.1661	NOTE 2	FLOW LINE	6"/0.5"	CURB CUT FOR RAMP
8	567119.4320	1111439.9654	NOTE 2	FLOW LINE	0.5'/6"	CURB CUT FOR RAMP
9	567153.2952	1111473.1546	NOTE 2	FLOW LINE	6"/0.5"	CURB CUT FOR RAMP
10	567156.1513	1111475.9539	NOTE 2	FLOW LINE	0.5'/6"	CURB CUT FOR RAMP
11	567158.7040	1111478.4557	53.30	FLOW LINE	6"	TANGENCY OF RADIUS
12	567159.9982	1111482.2178	53.23	POINT TYPE	NOTE 3	TANGENCY OF RADIUS
13	567159.6755	1111486.4622	NOTE 3	POINT TYPE	NOTE 3/0.5"	CURB CUT FOR RAMP
14	567159.4481	1111489.4534	NOTE 3	POINT TYPE	0.5'/NOTE 3	CURB CUT FOR RAMP
15	567159.0692	1111494.4379	53.04	POINT TYPE	NOTE 3	TANGENCY OF RADIUS
16	567160.2358	1111497.7963	52.98	FLOW LINE	4.5"	SAWCUT EXISTING CURB. CONFORM TO EXISTING CURB HEIGHT, VERIFY ELEVATION

NOTE 1: FOLLOW STRAIGHT GRADE FROM POINT 1 TO POINT 3
 NOTE 2: FOLLOW STRAIGHT GRADE FROM POINT 6 TO POINT 11
 NOTE 3: FOLLOW STRAIGHT GRADE FROM POINT 11 TO POINT 16



REV	DATE	BY	DESCRIPTION

TOWN OF FRIDAY HARBOR
 PO Box 216
 Friday Harbor, WA 98250
 (360) 378-2390

DESIGNED:
 DRAWN:
 CHECKED:
 QA/QC:
 CONSTRUCTABILITY:

Wayne R. Haeffel
 WAYNE R. HAEFELE, P.E.

12/06/16
 DATE



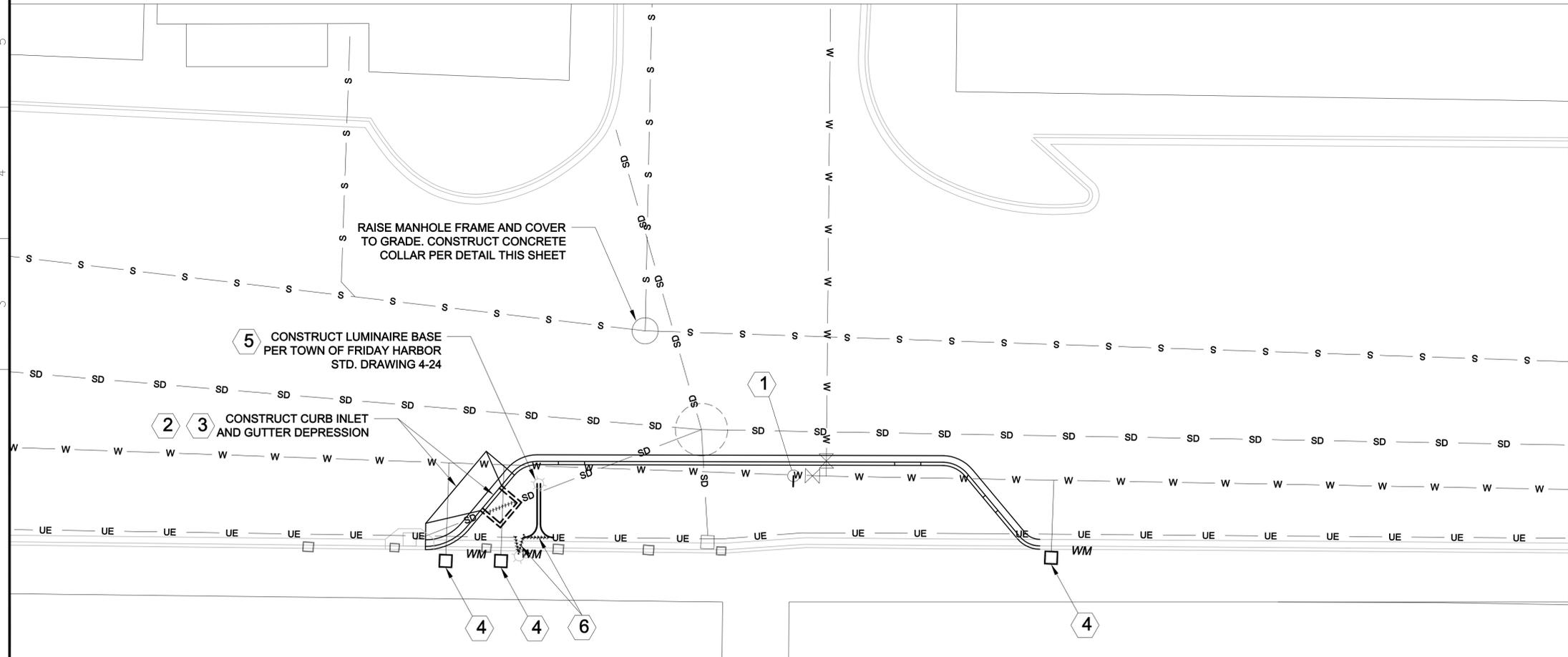
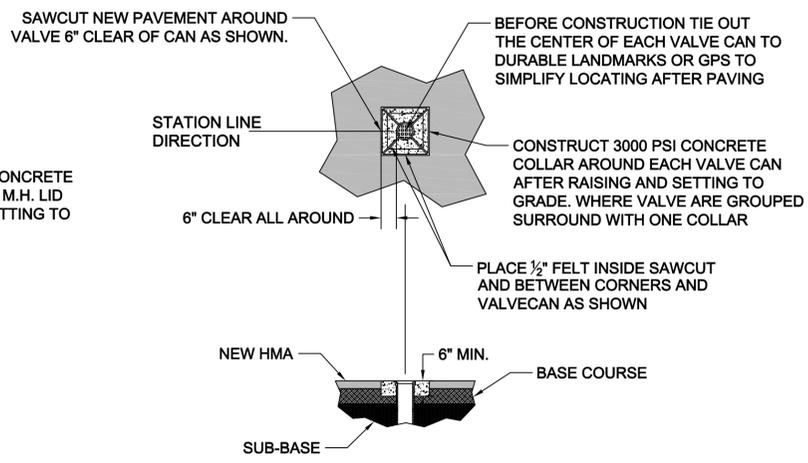
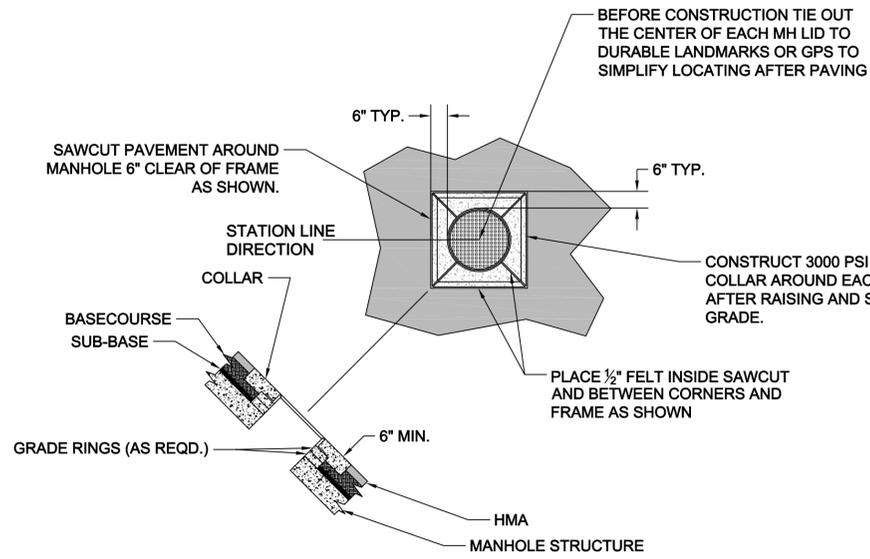
0 1/2 1 2
 THIS BAR IS 2 INCHES AT FULL SCALE. IF NOT 2 INCHES, THEN SCALE ACCORDINGLY.
 SCALE
 HORIZONTAL: 1"=10'-0"
 VERTICAL: 1"=10'-0"

SPRING STREET POCKET PARK
 PUBLIC WORKS DEPARTMENT
 CIVIL SITE PLAN

PROJECT NUMBER
 S.44.15.09
 DRAWING NUMBER
 C-1
 SHEET NUMBER
 3 OF 14

CONSTRUCTION NOTES

- 1 EXISTING SADDLE AND CORP STOP FOR POCKET PARK WATER SERVICE BURIED 5' WEST OF WATER MAIN ISOLATION VALVES APPROXIMATELY 2' BELOW EXISTING PAVEMENT GRADE. FIND AND USE FOR POCKET PARK WATER SERVICE CONNECTION. PLACE METER SETTER AND METER BOX AS DIRECTED IN THE FIELD.
- 2 CONSTRUCT NEW CURB INLET AROUND EXISTING 12" STORM LATERAL. CUT EXISTING PIPE FLUSH TO WALLS PRIOR TO CONSTRUCTING MONOPOUR TOP AND GUTTER DEPRESSION. CONSTRUCT CURB INLET IN ACCORDANCE WITH DETAIL DRAWING D-01.0, D-01.1, D02.0, D02.1 AND D-03.1 INCLUDED IN THE PROJECT MANUAL EXCEPT AS OTHERWISE SHOWN IN THE PLANS.
- 3 PARTS FOR CURB INLET WILL BE FURNISHED BY OWNER.
- 4 EXISTING WATER SERVICES. PROTECT IN PLACE
- 5 SET TOP OF FOOTING APPROXIMATELY 6" BELOW FINAL GRADE. PLACE AND LEVEL POLE SO THAT POLE BASE IS AT GRADE. FILL BETWEEN POLE BASE AND TOP OF FOOTING WITH HIGH STRENGTH GROUT. STRIKE OFF GROUT TO PROVIDE CLEAN APPEARANCE.
- 6 FIND STREETLIGHTING CONDUIT AND RE-ROUTE TO NEW LUMINAIRE BASE USING LONG SWEEPS. CUT OUT AND REMOVE EXISTING CONDUIT BETWEEN SWEEPS. INSTALL PER STD DWG 4-9C.



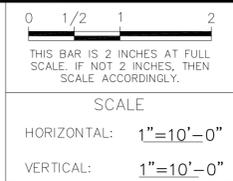
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TOWN OF FRIDAY HARBOR
 PO Box 216
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 (360) 378-2390

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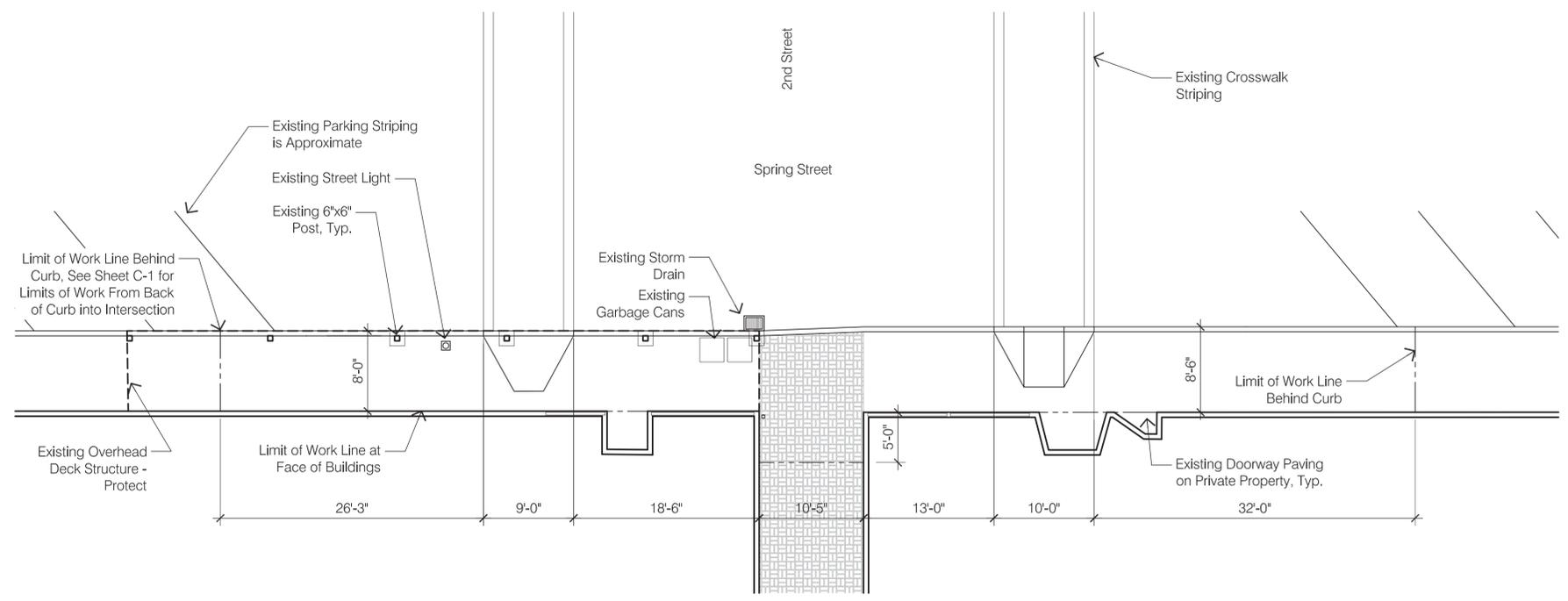
Wayne R. Haeffel
 WAYNE R. HAEFELE, P.E.

12/06/16
 DATE

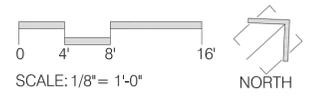


SPRING STREET POCKET PARK
 PUBLIC WORKS DEPARTMENT
 SITE UTILITY PLAN

PROJECT NUMBER
 S.44.15.09
 DRAWING NUMBER
 C-3
 SHEET NUMBER
 4 OF 14



1 EXISTING CONDITIONS PLAN
 SCALE: 1/8" = 1'-0"

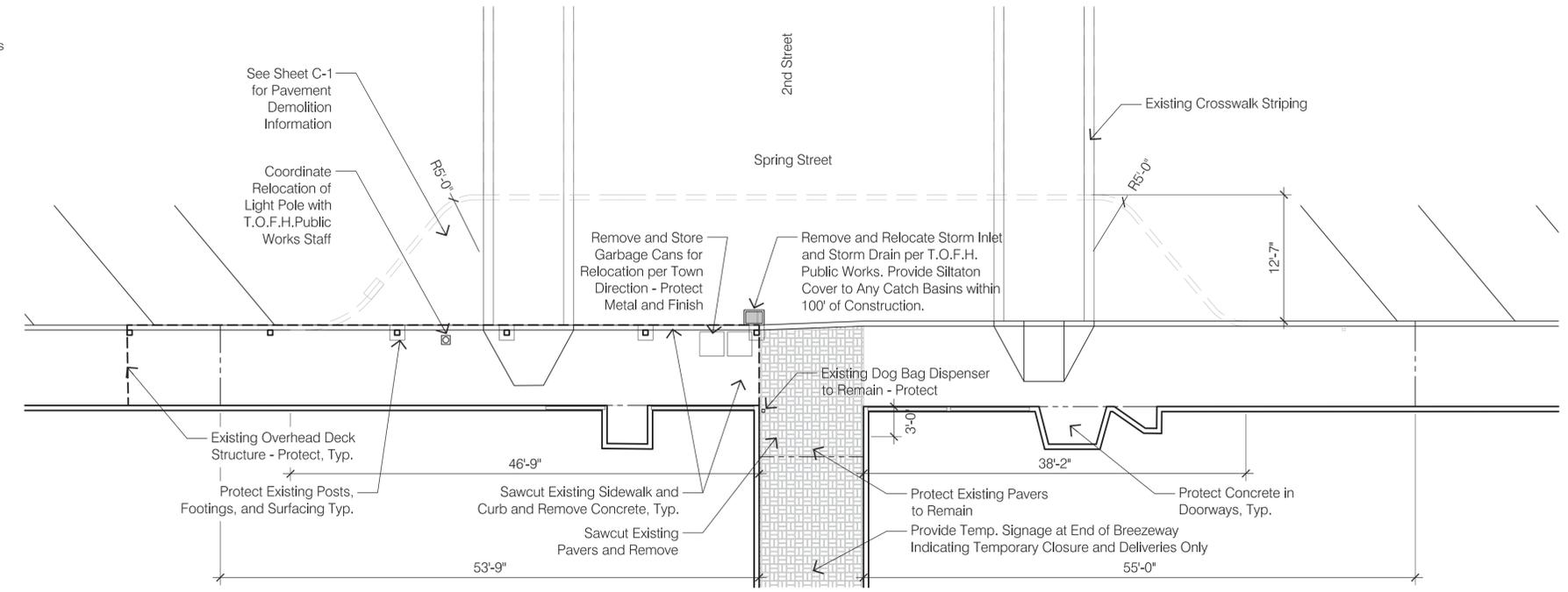


GENERAL NOTES

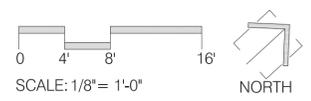
1. Locate, Coordinate and Protect All Underground Utilities - Contact T.O.F.H. Public Works
2. Coordinate Required Traffic Controls at Limit of Work with T.O.F.H. Public Works.
3. Provide signage for temporary pedestrian closures per T.O.F.H. Public Works.

SWPPP GENERAL NOTES

1. Site areas which do not need to be disturbed shall remain undisturbed;
2. Runoff from areas not under construction shall not flow over disturbed soils;
3. Contractor shall install temporary cover on disturbed soils that are not being worked;
4. Off-site streets are kept free of dirt and mud originating from the construction site, using sweeping, not flushing, in the streets and, if appropriate, on-site wheel wash facilities.
5. Dust is controlled and is in compliance with the Puget Sound Clean Air Agency;



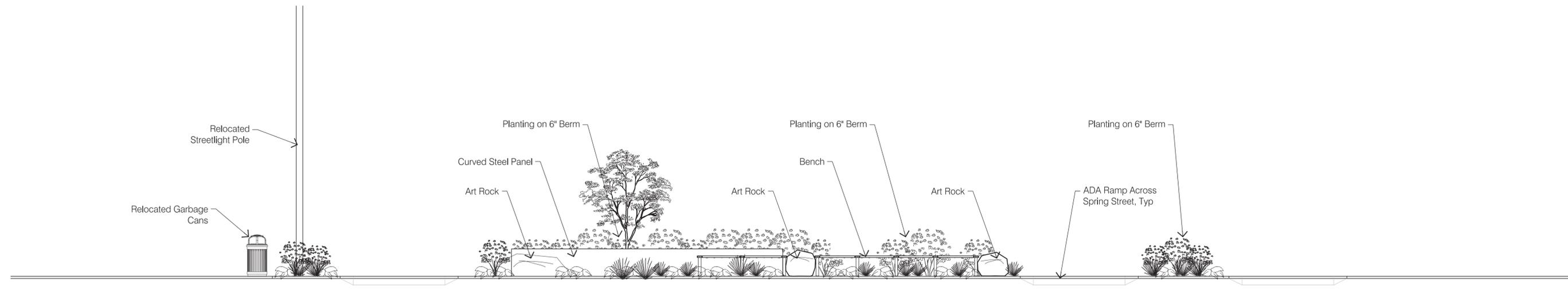
2 DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



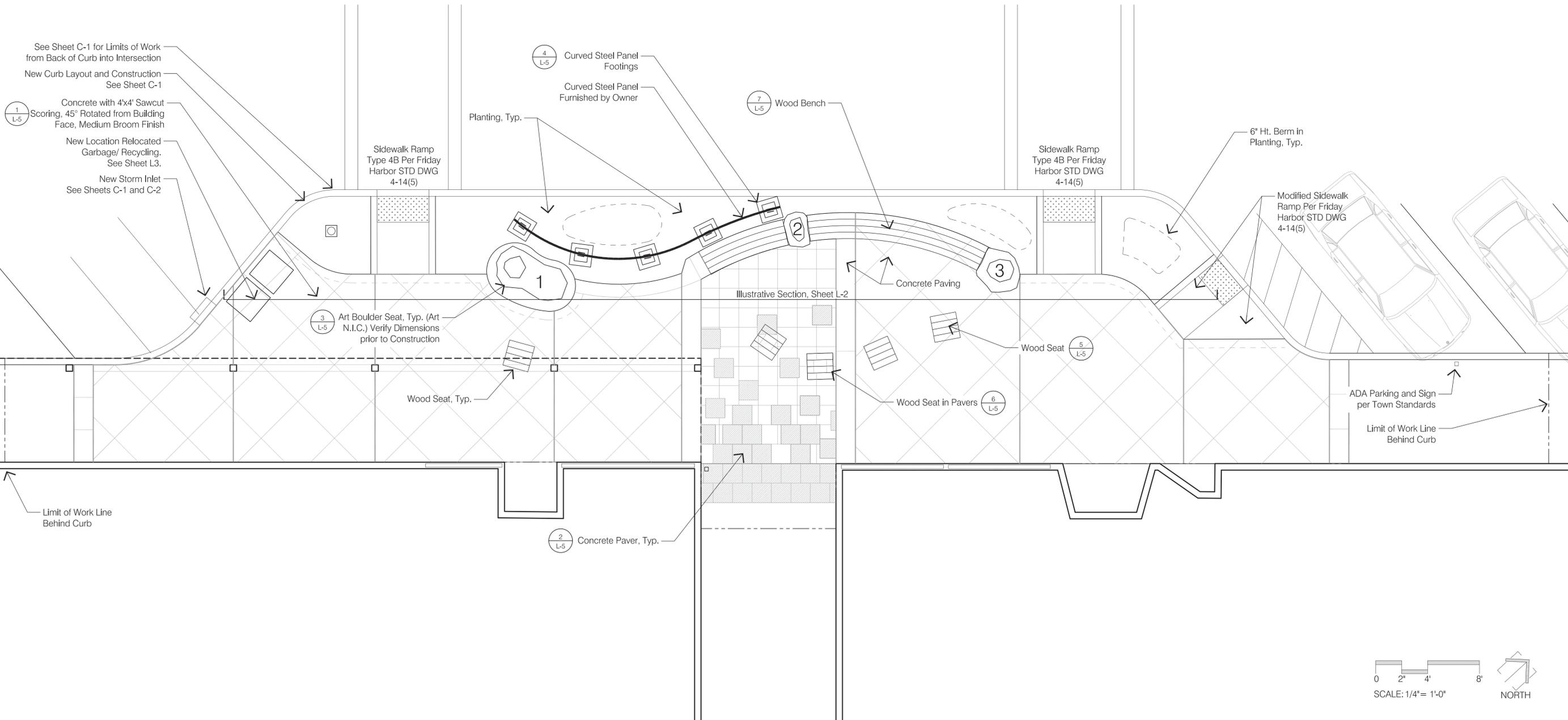
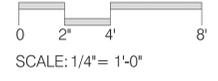
**Town of
Friday Harbor**

**Spring Street
Pocket Park**

Friday Harbor, WA



1 ILLUSTRATIVE SECTION
 SCALE: 1/4" = 1'-0"

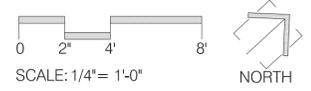


STATE OF WASHINGTON
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 LANDSCAPE ARCHITECT
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Sheet Title
**Site Reference
Plan**



Sheet Number
L-2

Town of
 Friday Harbor

Spring Street
 Pocket Park

Friday Harbor, WA



STATE OF WASHINGTON
 REGISTERED
 LANDSCAPE ARCHITECT
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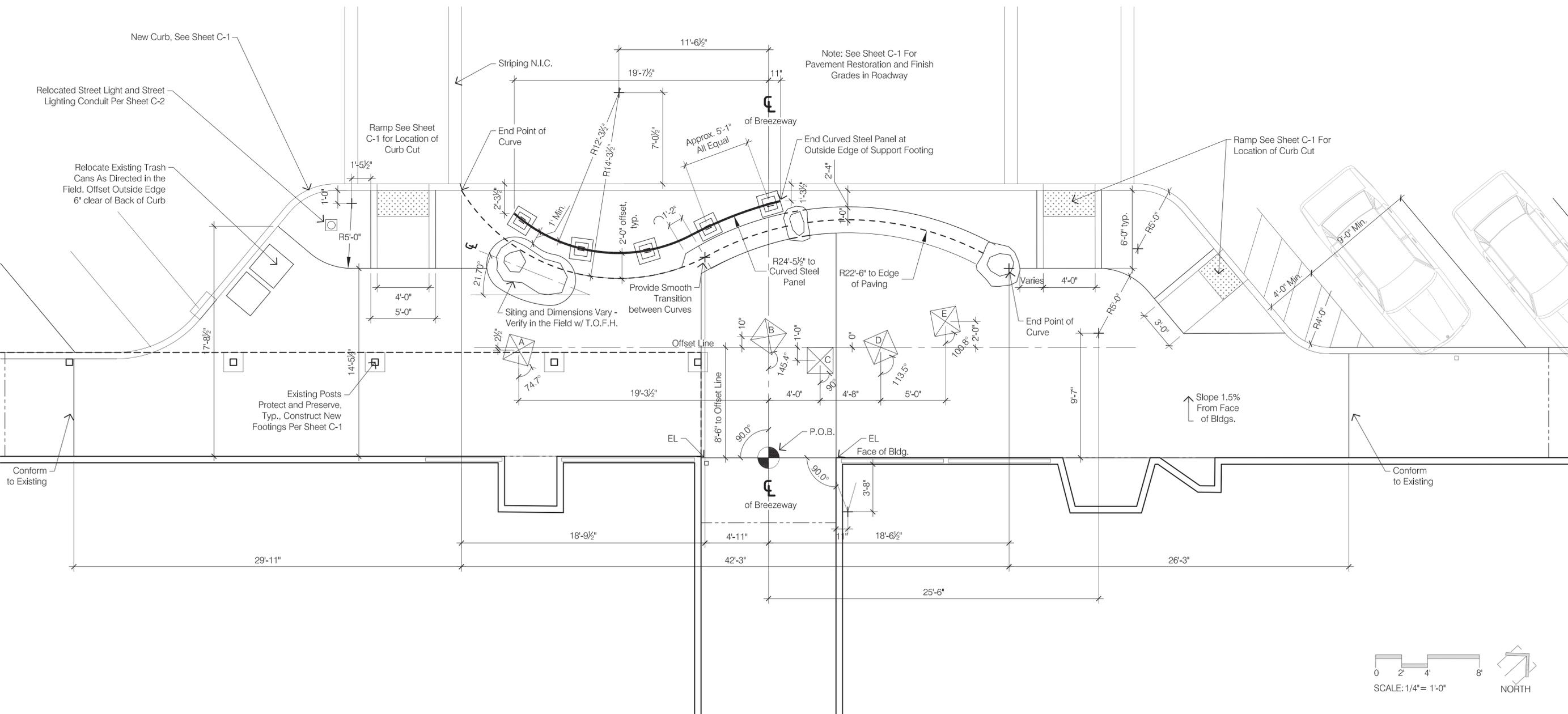
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Sheet Title

Layout
 Plan

Sheet Number

L-3



Note: See Sheet C-1 For
 Pavement Restoration and Finish
 Grades in Roadway

New Curb, See Sheet C-1
 Relocated Street Light and Street
 Lighting Conduit Per Sheet C-2

Relocate Existing Trash
 Cans As Directed in the
 Field. Offset Outside Edge
 6" clear of Back of Curb

Ramp See Sheet
 C-1 for Location of
 Curb Cut

End Point of
 Curve

Approx. 5'-1"
 All Equal

End Curved Steel Panel at
 Outside Edge of Support Footing

Ramp See Sheet C-1 For
 Location of Curb Cut

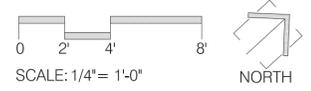
Provide Smooth
 Transition
 between Curves
 Siting and Dimensions Vary -
 Verify in the Field w/ T.O.F.H.

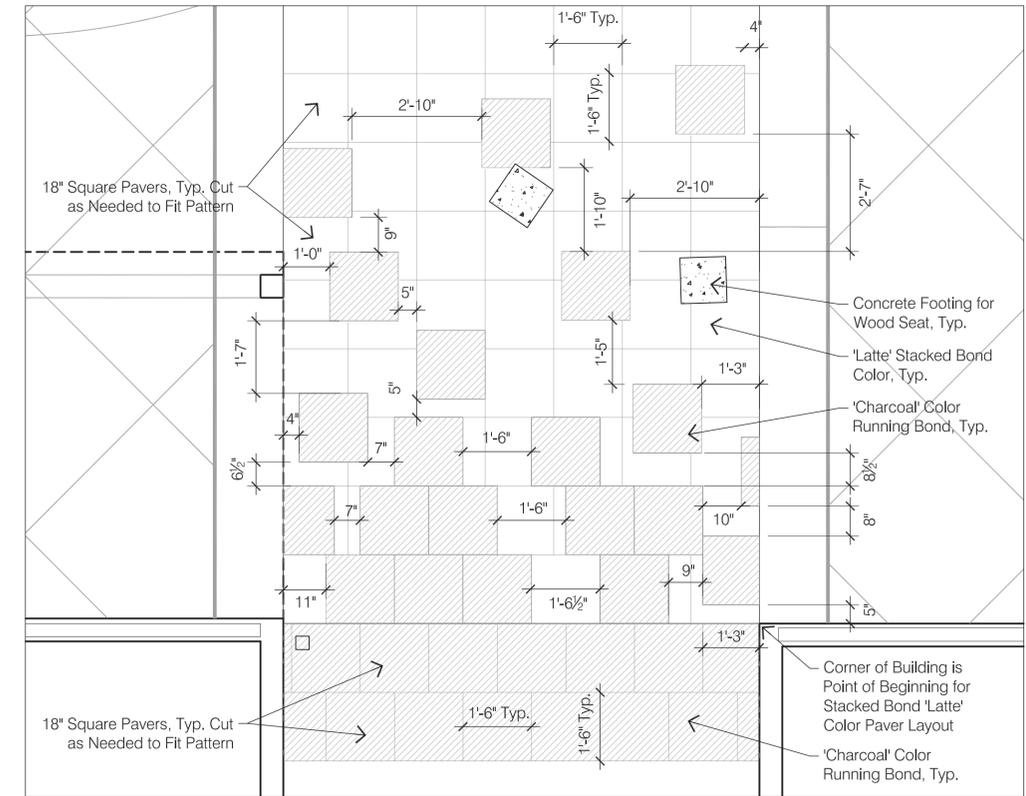
Existing Posts
 Protect and Preserve,
 Typ., Construct New
 Footings Per Sheet C-1

Slope 1.5%
 From Face
 of Bldgs.

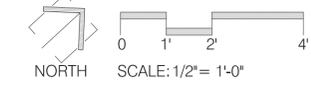
Conform
 to Existing

Conform
 to Existing

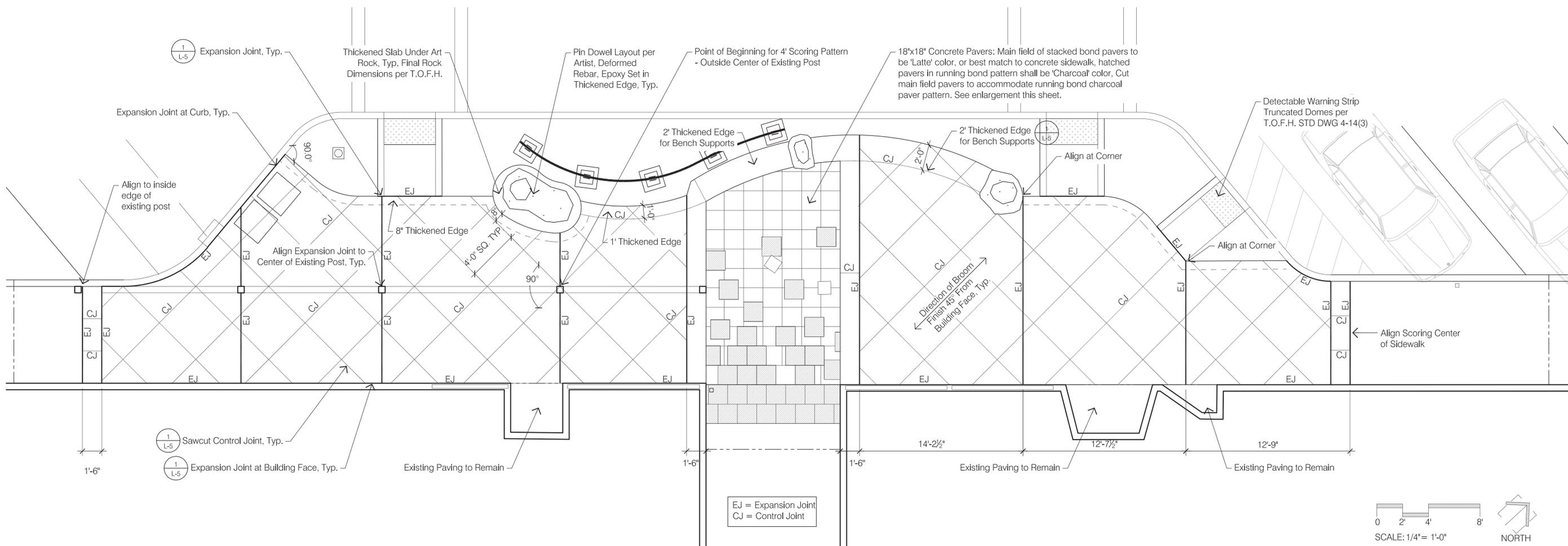




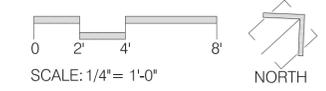
1 PAVER LAYOUT ENLARGEMENT
 SCALE: 1/2" = 1'-0"



CONTRACTOR NOTE:
 All hardscape and concrete work is appearance sensitive. Selected contractor shall produce a 5'x5' (minimum) demonstration article at a location designated by the Town to be used as a standard of quality for the completed project work. Demonstration articles not meeting the Town's expectations (in the sole judgement of the Town administrator) shall be remade until it does. The same personnel who pour and finish the demonstration article shall be used to pour and finish the project work. Completed project work shall substantially conform in appearance and finish with the demonstration article or it shall be removed and re-done.

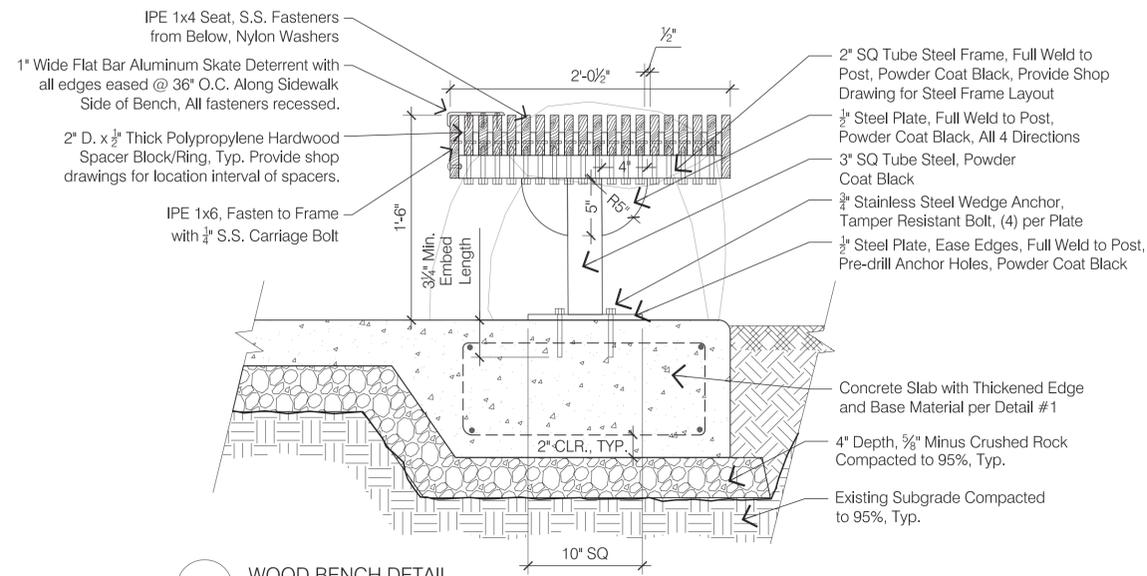
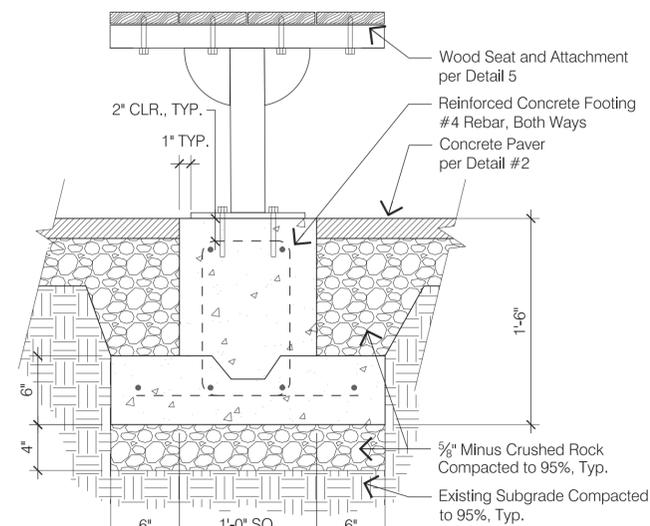
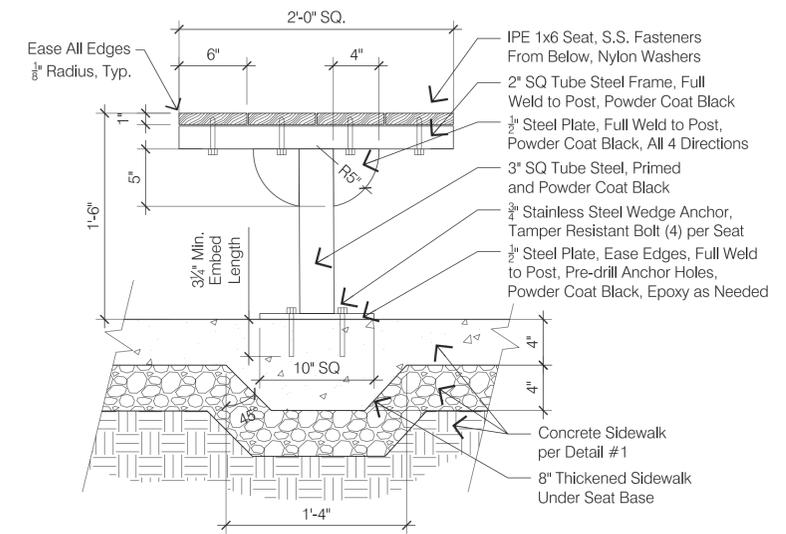
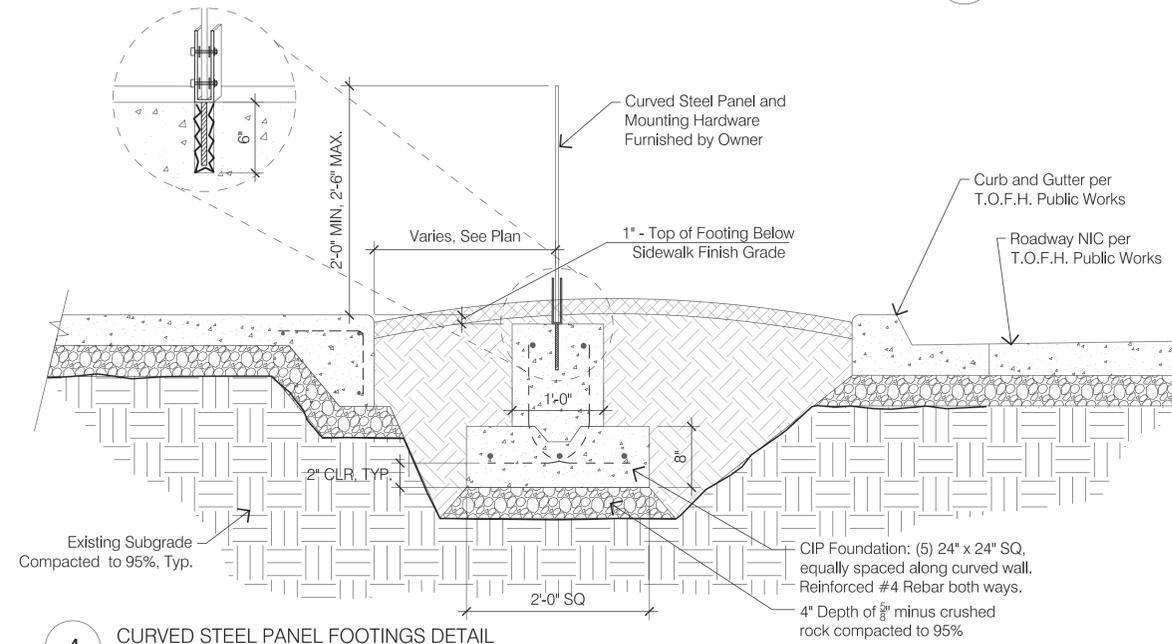
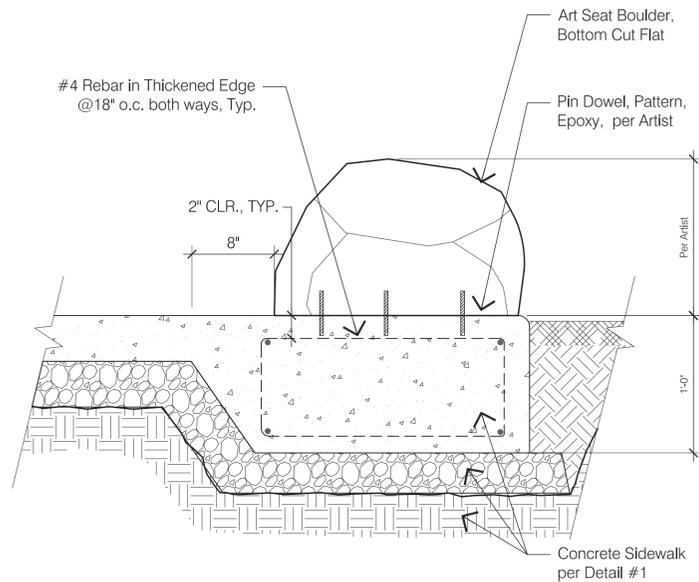
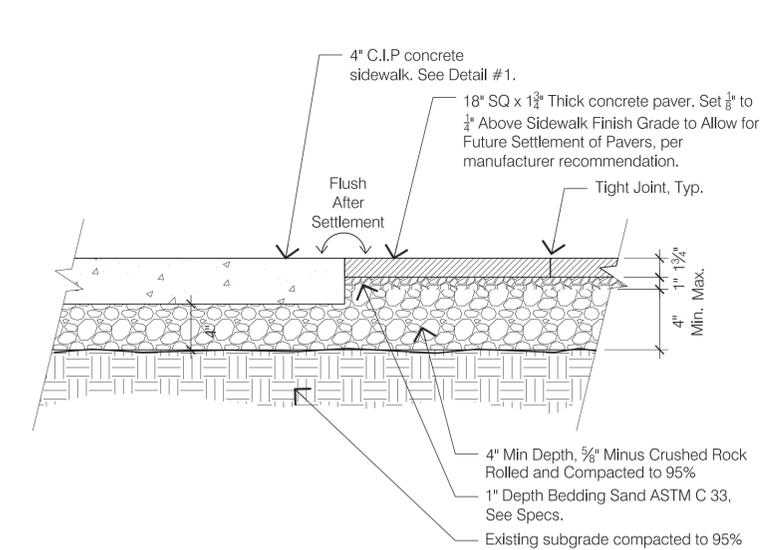
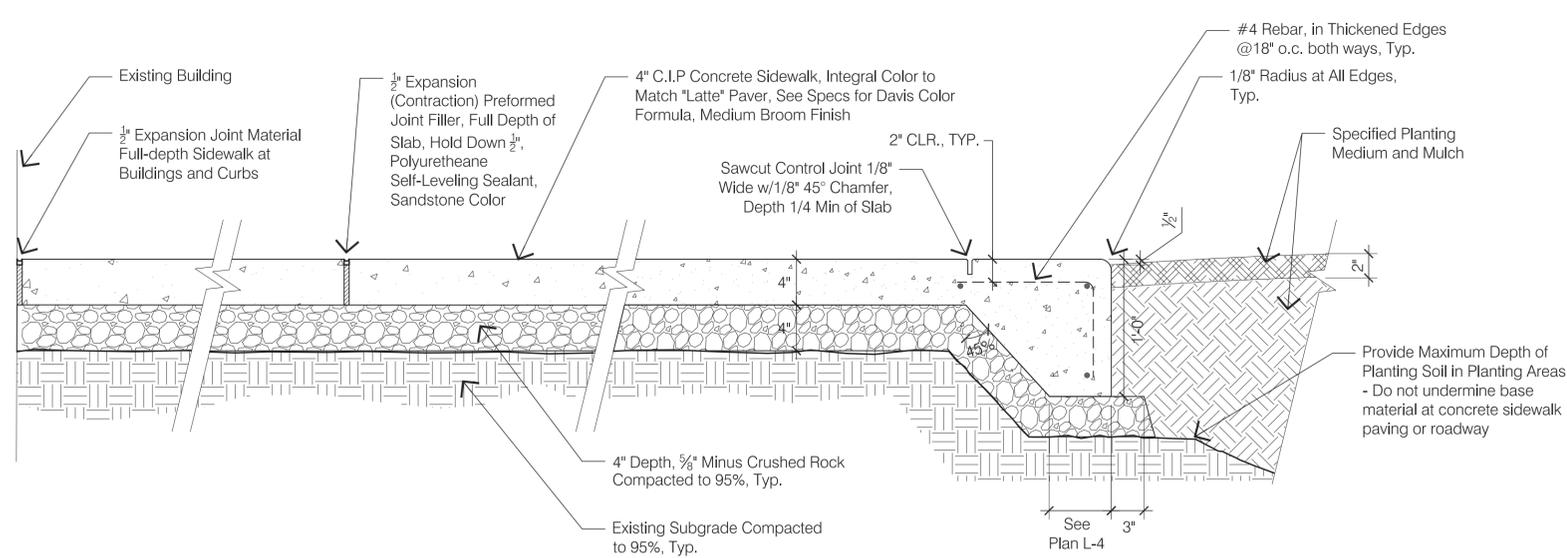


EJ = Expansion Joint
 CJ = Control Joint



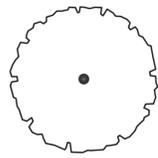
DESIGNED BY: TPG
 DRAWN BY: PL

Date	Issue
5/20/16	90% Construction Documents
9/7/16	100% Construction Documents



PLANT SCHEDULE

TREES BOTANICAL NAME / COMMON NAME CONT QTY



Acer japonicum 'Aconitifolium' / Fernleaf Full Moon Maple 10 gal 1

SHRUBS BOTANICAL NAME / COMMON NAME SIZE SPACING QTY



Blechnum spicant / Deer Fern 1 gal 18" o.c. 21



Geranium x cantabrigiense 'Biokovo' / Biokovo Cranesbill 5 gal 24" o.c. 21



Helleborus x 'Regal Ruffles' / Hybrid Hellebore 1 gal 24" o.c. 15



Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass 5 gal 12" o.c. 12



Polystichum munitum / Western Sword Fern 1 gal 30" o.c. 12



Rhododendron catawbiense 'Baden Baden' / Baden Baden Rhod. 2 gal 24" o.c. 7



Rhododendron yakusimanum 'Prince' / Yaku Prince Rhododendron 2 gal 30" o.c. 9

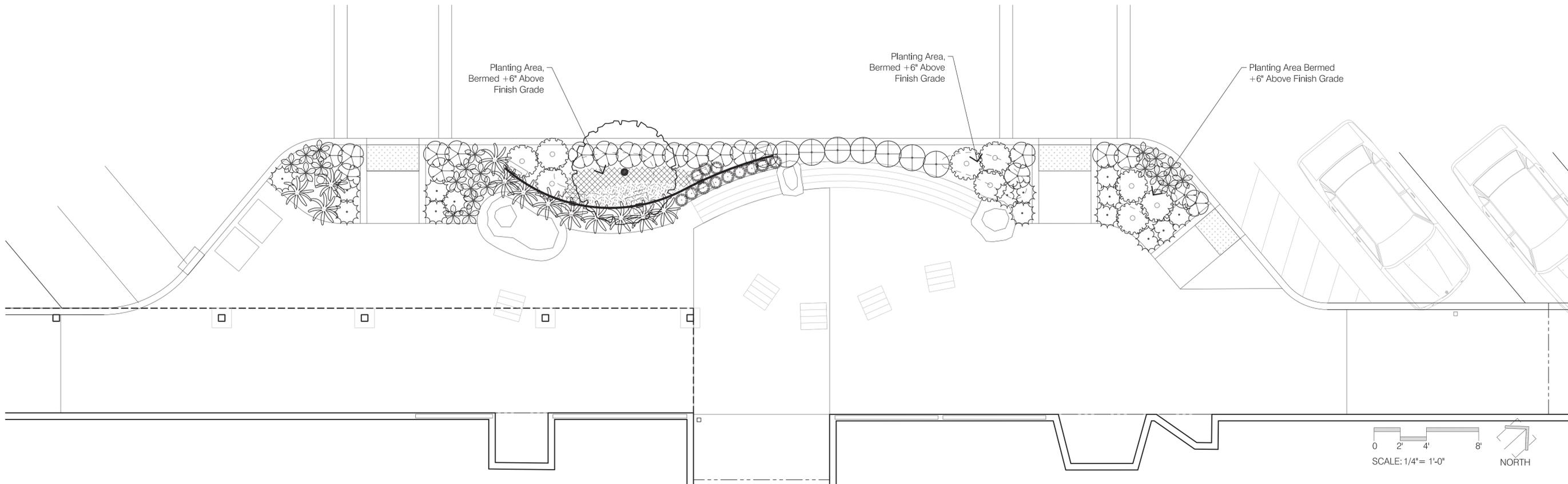
GROUND COVERS BOTANICAL NAME / COMMON NAME CONT SPACING QTY



Anemone x hybrida 'Wild Swan' / Wild Swan Anemone 4"pot 12" o.c. 8



Asarum canadense / Canadian Wild Ginger 4"pot 12" o.c. 16



STATE OF WASHINGTON
 REGISTERED
 LANDSCAPE ARCHITECT
Misty Philbin
 MISTY PHILBIN
 CERTIFICATE NO. 722

DESIGNED BY: TPG
 DRAWN BY: PL

Date Issue
 5/20/16 90% Construction Documents
 9/7/16 100% Construction Documents

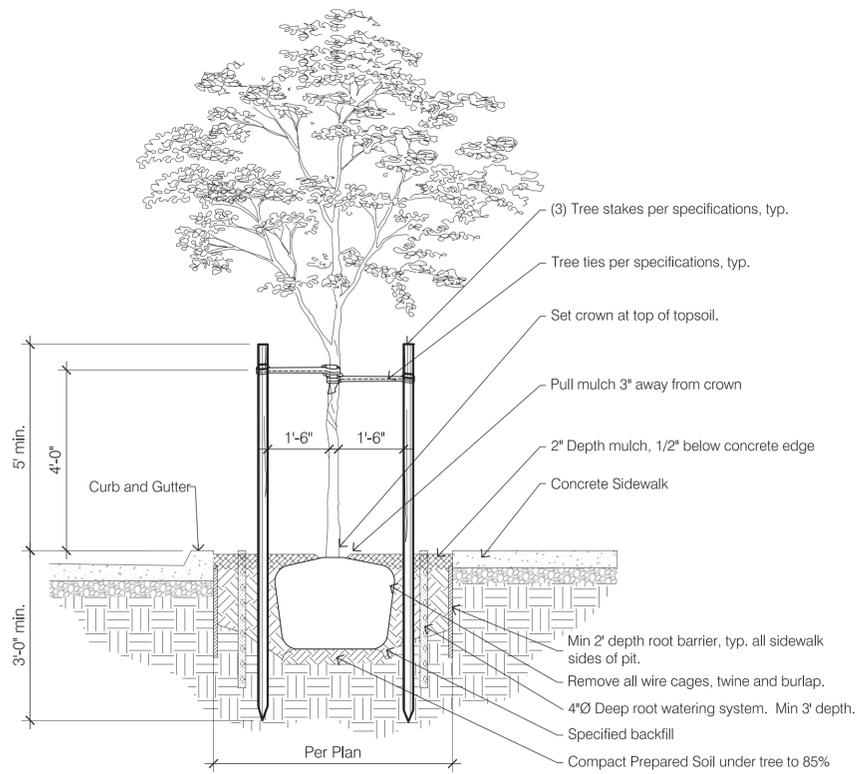
Sheet Title
Planting Plan

Sheet Number
L-6

Town of
Friday Harbor

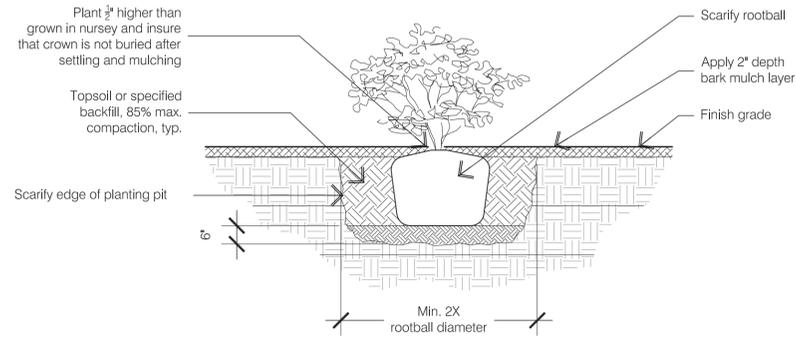
Spring Street
Pocket Park

Friday Harbor, WA



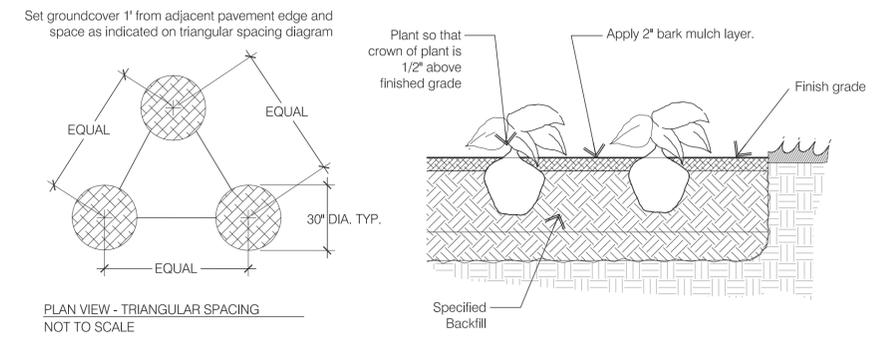
1 TYPICAL STREET TREE PLANTING AND STAKING DETAIL

SCALE: NTS



2 TYPICAL SHRUB PLANTING DETAIL

SCALE: NTS



3 TYPICAL GROUNDCOVER PLANTING DETAIL

SCALE: NTS



STATE OF WASHINGTON
 REGISTERED
 LANDSCAPE ARCHITECT

 MISTY PHILBIN
 CERTIFICATE NO. 722

DESIGNED BY: TPG
 DRAWN BY: PL

Date	Issue
5/20/16	90% Construction Documents
9/7/16	100% Construction Documents

Sheet Title

Planting
Details

Sheet Number

L-7

IRRIGATION SCHEDULE

SYMBOL	TYPE	DESCRIPTION
	Rainbird XFS Sub-Surface Dripline with Copper Shield Technology - Dripline Irrigation Areas	0.6 GPH Emitter, 18" Emitter and Lateral Spacing. Start Layout 6" from edge of paving. Maximum lateral length per manufacturer's chart. Bury to 6" depth from finish grade. Flush valves at the end of each zone. Air relief valves at the highest points of each zone.
	Low-Flow Drip Control Zone Kit	Rainbird
	Root Watering System	Rainbird
* POC		Point of connection.
No Symbol	Water Meter	See Public Works
	Double Check Valve Assembly	Per Code
	Master Control Valve	Rainbird
	Pressure Regulating Valve	Rainbird
	Quick coupler	Rainbird
No Symbol	Line Flushing Valve	Rainbird
	Flow Sensor	Rainbird
No Symbol	Quick Check Basket Filter	Rainbird
No Symbol	Air Valve Relief Kit	Rainbird
	Controller	Rainbird
---	Mainline	Sch 40 PVC
----	Lateral line	Schedule 40 PVC - see below for schedule of pipe sizes.
==	Sleeving	Schedule 40 PVC

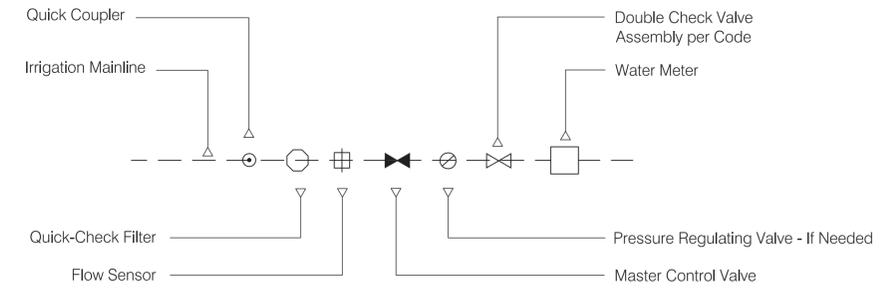
PIPE SIZES

GPM	PIPE SIZE
0-8	3/4"
9-15	1"
16-22	1 1/4"
23-35	1 1/2"
36-55	2"

Zone Num. #
Size X" X.X GPM

NOTES:

- P.O.C. and Meter to be determined by T.O.F.H.
- Contractor shall document existing pressure of water at Point of Connection.
- System operating pressure is 40psi.
- Verify that proper filtration is provided for the available water source.
- Drawing is schematic. Actual locations may vary due to plant materials, utilities or existing conditions. Contractor is responsible for locating utilities prior to beginning construction.
- There is a loss of pressure in each pipe fitting due to friction & additional heads may be needed due to field conditions. These losses are compensated for by adding ten (10) percent to the manufacturers rated G.P.H.
- All irrigation sleeving to be staked in the field and located on dimensioned "as-built" drawing to allow future location and use.
- Provide Flush Valve at each dripline group.
- Air blow irrigation system through quick couplers to winterize irrigation system.
- Contractor shall coordinate irrigation equipment with plant material, to avoid conflicts.
- Valve boxes to be placed parallel or perpendicular to curbs or paving in proximity.



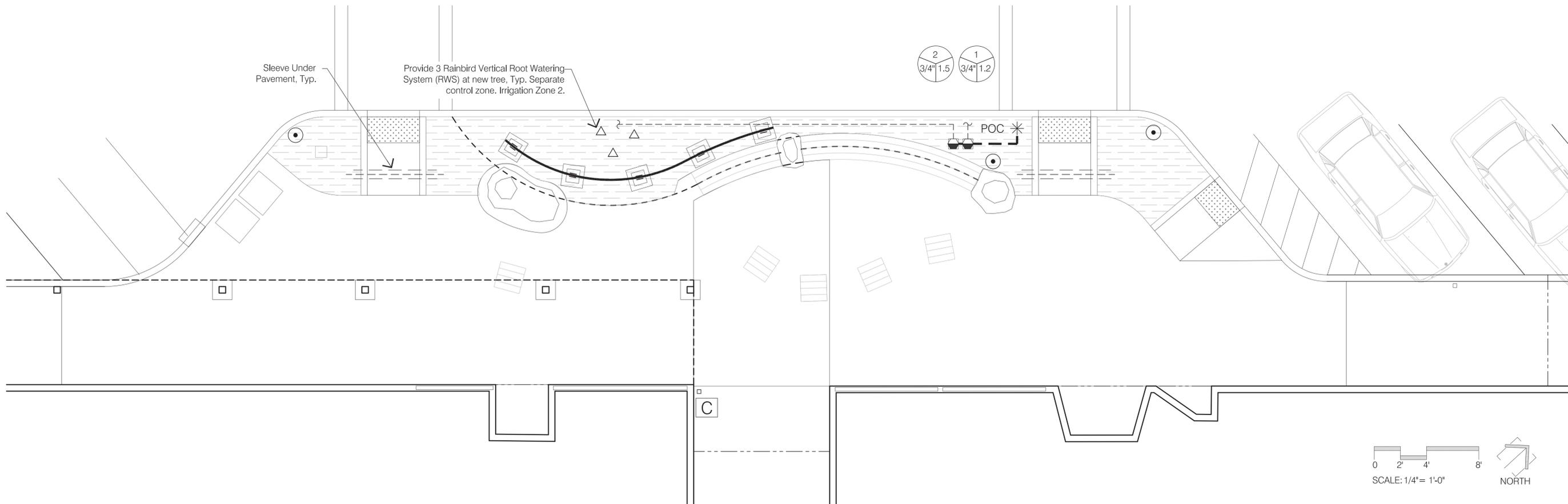
1 IRRIGATION POINT OF CONNECTION
SCALE: NTS



Town of Friday Harbor

Spring Street Pocket Park

Friday Harbor, WA



STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Misty Philbin
MISTY PHILBIN
CERTIFICATE NO. 722

DESIGNED BY: TPG
DRAWN BY: PL

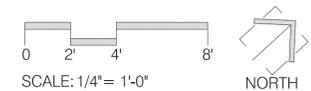
Date Issue
5/20/16 90% Construction Documents
9/7/16 100% Construction Documents

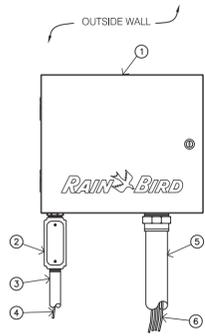
Sheet Title

Irrigation Plan

Sheet Number

L-8

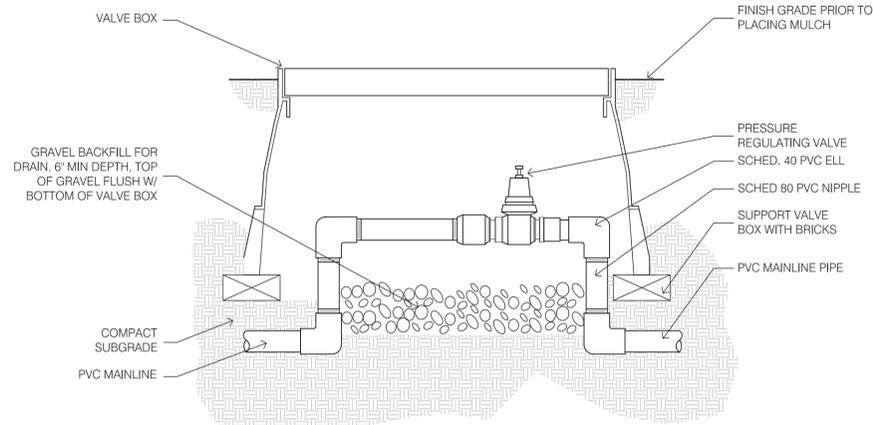




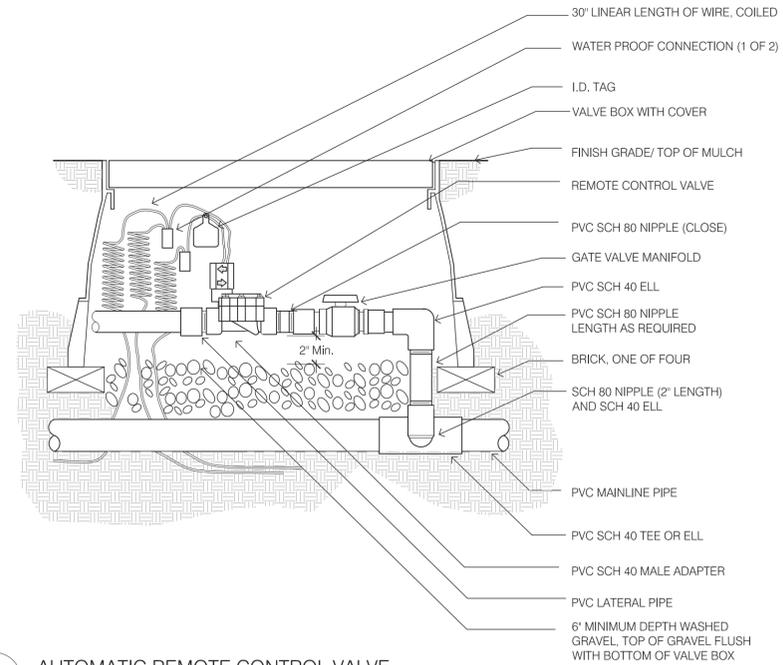
- ① IRRIGATION CONTROLLER: RAIN BIRD ESP-LXME CONTROLLER IN LXMM METAL CABINET WITH OUTSIDE WALL MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- ② JUNCTION BOX
- ③ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ④ POWER SUPPLY WIRE
- ⑤ 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
- ⑥ WIRES TO REMOTE CONTROL VALVES

- NOTES:
1. ESP-LXME CONTROLLER IS AVAILABLE IN 8- OR 12-STATION BASE MODELS. ADDITIONAL MODULES IN 4-, 8- AND 12-STATION VERSIONS MAY BE ADDED TO BRING THE CONTROLLER UP TO 48 STATIONS MAXIMUM.
 2. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
 3. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
 4. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

1 CONTROLLER W/CABINET
SCALE: NTS

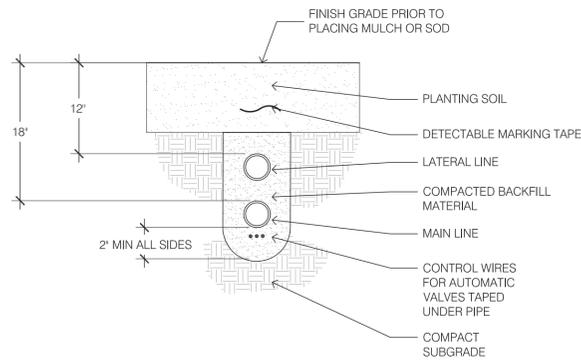


2 PRESSURE REGULATING VALVE
SCALE: NTS

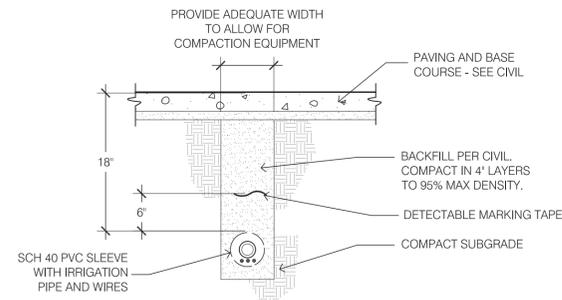


3 AUTOMATIC REMOTE CONTROL VALVE
SCALE: NTS

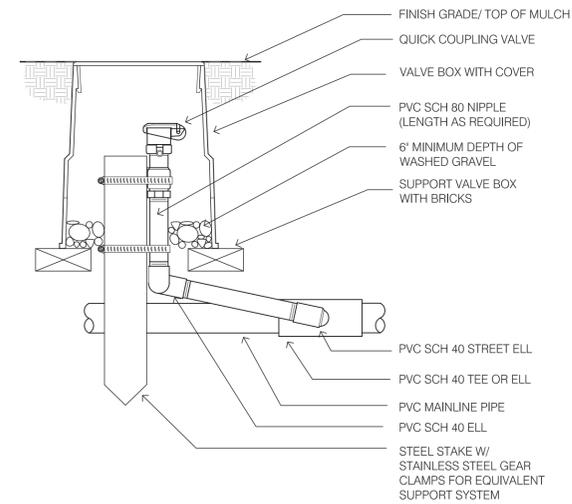
NOTE: ALL MAIN AND/OR LATERAL PIPE UNDER PAVEMENT SHALL BE SLEEVED
BACKFILL MATERIAL TO BE SAND OR OTHER SUITABLE MATERIAL, FREE OF ROCK OR DEBRIS



4 MAIN/LATERAL TRENCHING DETAIL
SCALE: NTS



5 SLEEVING UNDER PAVEMENT
SCALE: NTS

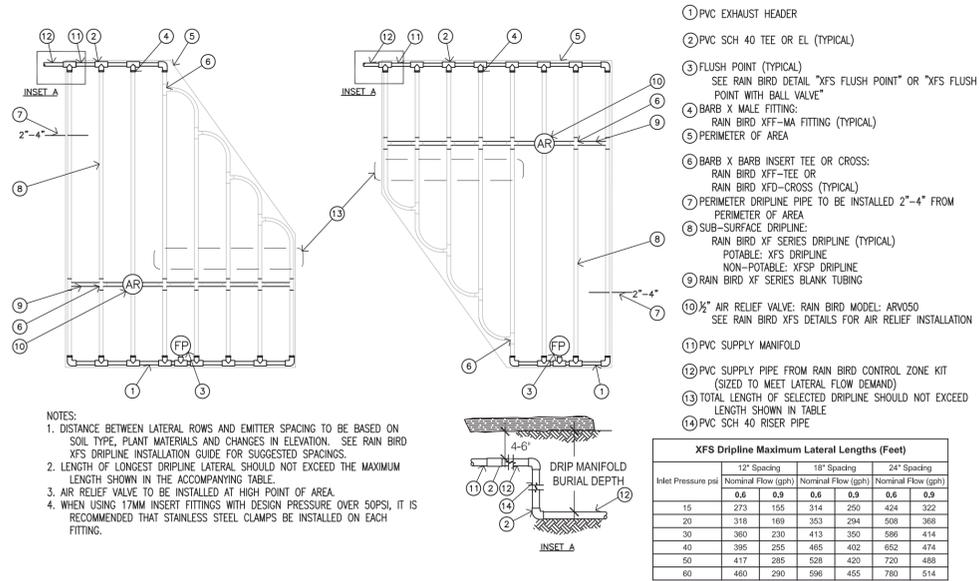


6 QUICK COUPLER VALVE
SCALE: NTS

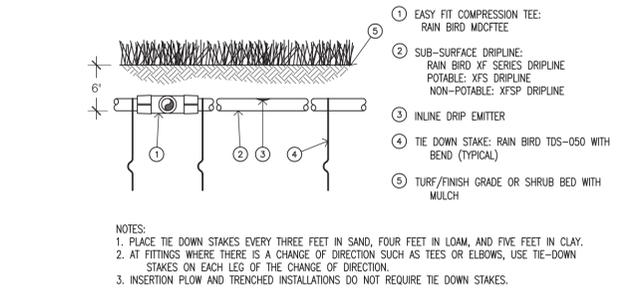
Town of Friday Harbor

Spring Street Pocket Park

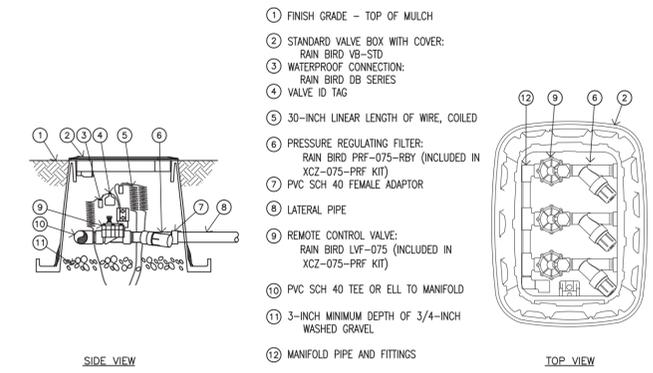
Friday Harbor, WA



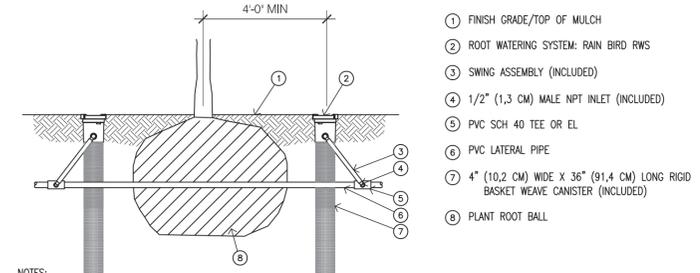
1 SUB-SURFACE DRIPLINE W/COPPER
SCALE: NTS



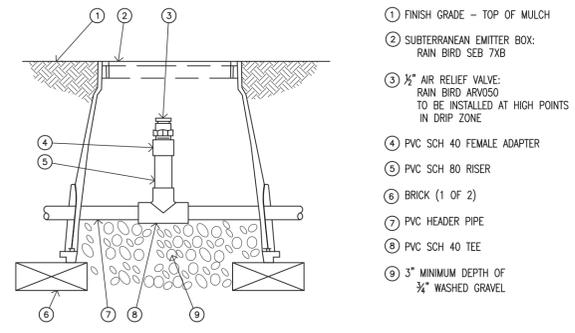
2 SUB-SURFACE DRIPLINE BURIAL
SCALE: NTS



3 DRIP CONTROL ZONE KIT
SCALE: NTS



4 ROOT WATERING SYSTEM
SCALE: NTS



5 AIR RELIEF VALVE
SCALE: NTS