

Kenmore Town Green
Addendum No. 1
Sept 4, 2015

Notice to Bidders:

The following documentation is hereby incorporated into the Contract Documents:

A. Project Manual Revisions:

The attached revisions shall be made part of the Project Manual, dated August 20th, 2015, for the above referenced project.

B. Drawing Revisions: The attached revisions shall be made part of the Bid Set Drawings, dated August 19th, 2015, for the above referenced project.

Project Manual Revisions		
Item	Spec Section	Description of Change
Addendum 01 – 1	Bidding Requirements Proposal and Documents	Section 2 – Instructions to Bidders: Addition of a Substitution Request Form has been issued: CSI Form 01 5C.
Addendum 01 – 2	Bidding Requirements Proposal and Documents	Section 2 –Substitution Requests submission deadline is extended to Sept 9 at noon.
Addendum 01 – 3	33 10 00 Water Distribution Piping	See revisions.
Addendum 01 – 4	07 41 13 Roof Material	See revisions.
Item	Document	Description of Change
Addendum 01 – 5	A2.21	Change callout of saw-cut joint filler from 'epoxy' to 'polyurea'. Drawing not included at this time.
Addendum 01 – 6	C3.01	Revision made of connection to existing CB.
Addendum 01 – 7	C4.00	Revision to limits of overlay.
Addendum 01 – 8	C5.00	Revisions to callouts for water feature vault and drinking fountain.

Project Manual Revisions		
Item	Spec Section	Description of Change
Addendum 01 – 9	C6.00	Revisions to the ADA Ramp located in the southeast corner of the intersection at 67 th & 181 st . Revisions of north raised median.
Addendum 01 – 10	L1.02	Adjustment to the Legend and General Notes have been made. Inclusion of conduit for reference purposes only as they are not in contract but will be installed prior to this projects construction commencing.
Addendum 01 – 11	E0.10	Additional notation for power supply of GFCI's and irrigation controller.
Item	Substitutions	Description
Addendum 01 – 12	07 26 16 Below Grade Vapor Retarders	VIPER VAPORCHECK II 15-MIL "CLASS A" VAPOR BARRIER. Substitution request is accepted.
Addendum 01 – 13	07 41 13 Metal Roof Panels	Custom-Bilt Metals: CB-2000. Substitution request not accepted.
Addendum 01 – 14	12 48 13 Entrance Floor Grating	Kadee Industries: KD58 Stainless Steel Grating. Substitution request is accepted.
Item	Questions	Description
Addendum 01 – 15	Pre-Bid Meeting questions and answers	A pre-bid meeting was held at the City of Kenmore City Hall on Wednesday September 2, 2015 at 10 am. Owner's representatives were available to answer questions and to provide a general overview of the project.



SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: *Place project name here Substitution Request Number: (For Architect to complete)

 From: *Place your name & company name here

 To: _____ Date: *Place request date here

 A/E Project Number: *Place here if known

 Re: _____ Contract For: *Place scope of contract work here

Specification Title: *Place title of specification here Description: *Place section title from spec book here

 Section: *Spec section Article/Paragraph: *Place

Proposed Substitution: CRACO SmartFrame Connectors for Steel Framing
 Manufacturer: CRACO Address: 1122 Johnson Rd. York, SC Phone: *Place product here i.e.: SFVF600
 Trade Name: _____ Model No.: *Place product here i.e.: SFVF600

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: *Place submitters name here (typically the Project Manager for the subcontractor)

Signed by: _____

Firm: *Place submitters company name here

Address: *Place submitters company address here

Telephone: *Place submitters company phone number here

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 30 00 Administrative Requirements.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 30 00 Administrative Requirements.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____

Date: _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Section includes:
 - 1. ~~Waterlines~~ Water service
 - 2. ~~Water meters and vaults~~ Fire department connection
 - 3. ~~Various appurtenances~~

1.02 STANDARD SPECIFICATIONS

- A. All work to be performed and materials to be used shall be in accordance with the Northshore Utility District (NUD) 2014 Engineering Specifications, Methods for Construction and the NUD 2014 Engineering Specifications, Materials for Construction.
- B. The Contractor shall have one copy of the Standard Specifications and Standard Plans at the job site.
- C. The Standard Specifications apply only to performance and materials and how they are to be incorporated into the work. The legal/contractual relationship sections and the measurement and payment sections do not apply to this document.

1.03 SUBMITTALS

- A. Product Data: For each type of product indicated.

~~1.04 QUALITY ASSURANCE~~

- ~~A. Regulatory Requirements:
 - 1. ~~Comply with requirements of Northshore Utility District. Include tapping of water mains.~~~~
- ~~B. NSF Compliance:
 - 1. ~~Comply with NSF 61 for materials for water service piping and specialties for domestic water.~~~~

1.05 DELIVERY, STORAGE, AND HANDLING

- ~~A. Preparation for Transport: Prepare valves according to the following:
 - 1. ~~Ensure that valves are dry and internally protected against rust and corrosion.~~
 - 2. ~~Protect valves against damage to threaded ends and flange faces.~~
 - 3. ~~Set valves in best position for handling. Set valves closed to prevent rattling.~~~~
- ~~B. During Storage: Use precautions for valves, including fire hydrants, according to the following:
 - 1. ~~Do not remove end protectors unless necessary for inspection; then reinstall for storage.~~
 - 2. ~~Protect from weather. Store indoors and maintain temperature higher than ambient dew-point temperature. Support off the ground or pavement in watertight enclosures when outdoor storage is necessary.~~~~
- ~~C. Handling: Use sling to handle valves and fire hydrants if size requires handling by crane or lift. Rig valves to avoid damage to exposed parts. Do not use handwheels or stems as lifting or rigging points.~~
- D. Deliver piping with factory-applied end caps. Maintain end caps through shipping, storage, and handling to prevent pipe-end damage and to prevent entrance of dirt, debris, and moisture.
- E. Protect stored piping from moisture and dirt. Elevate above grade. Do not exceed structural capacity of floor when storing inside.
- F. Protect flanges, fittings, and specialties from moisture and dirt.
- G. Store plastic piping protected from direct sunlight. Support to prevent sagging and bending.

1.06 COORDINATION

- A. Coordinate connection to water main with Northshore Utility District per NUD Standard Methods Specification ~~23~~ 22.

PART 2 - PRODUCTS

2.01 PIPE AND FITTINGS

- A. Ductile-Iron Pipe and fittings shall meet the requirements of NUD Materials Specification 5.A and 5.E.
- B. Polyethylene Pipe domestic water service pipe shall be per NUD Standard Specification 5.C.

2.02 WATER METERS

~~Contractor shall obtain water meter and water meter vault per NUD 2014 Water Detail #5 from Northshore Utility District. See Plans.~~

2.03 BACKFLOW ASSEMBLY

~~Backflow assembly shall be per Northshore Utility District Standard Water Detail #14 See Plans.~~

2.04 FIRE DEPARTMENT CONNECTION

- A. Fire Department Connection (FDC) shall be freestanding pipe mount cast brass double clapper 2-way Siamese connection threaded to match local fire department hardware, dust caps and chains of same material and finish. Connection shall be according to NFPA 1963 and UL 405.
- B. FDC shall be equipped with an escutcheon indicating "Fire Department Connection" in accordance with NFPA 14. Lettering shall be a minimum of 1 inch tall.

PART 3 - EXECUTION

3.01 PIPING APPLICATIONS

- A. Transition couplings and special fittings with pressure ratings at least equal to piping pressure rating may be used, unless otherwise indicated.
- B. Do not use flanges or unions for underground piping.

3.02 VALVE APPLICATIONS

- A. General Application: Use mechanical-joint-end valves for 3-inch and larger underground installation.

3.03 PIPING INSTALLATION

- A. Water-Main Connection: Tap water main according to requirements of the NUD Methods Specification 22 23.
- ~~B. Make connections larger than 3 inch with tapping machine according to the following:
 - 1. Install tapping sleeve and tapping valve according to MSS SP-60.
 - 2. Install tapping sleeve on pipe to be tapped. Position flanged outlet for gate valve.
 - 3. Use tapping machine compatible with valve and tapping sleeve; cut hole in main. Remove tapping machine and connect water service piping.
 - 4. Install gate valve onto tapping sleeve. Comply with MSS SP-60. Install valve with stem pointing up and with valve box.~~
- ~~C. Install ductile iron, water service piping according to AWWA C600 and AWWA M41.
 - 1. Install PE corrosion protection encasement according to AWWA C105.~~
- D. Bury piping with depth of cover over top at least 36 inches. Trench material per Earthwork Specifications (Section 31 00 00).

3.04 JOINT CONSTRUCTION

- ~~Make pipe joints according to the following:
 - 1. Ductile Iron Piping, Gasketed Joints for Fire Service Main Piping: UL 194.~~

3.05 WATER METER INSTALLATION

- ~~Install water meters, piping, and specialties according to NUD's written instructions.~~

~~3.06 ROUGHING IN FOR WATER METERS~~

- ~~— Rough in piping for water meter installation according to NUD's written instructions.~~

~~3.07 WATER METER BOX INSTALLATION~~

- ~~— Install meter box according to NUD's written instructions.~~

3.08 FIRE DEPARTMENT CONNECTION INSTALLATION

- A. Install fire department connection per manufacturer's recommendations.

~~3.09 CONNECTIONS~~

- ~~A. Connect water service piping to existing water main. Use tapping sleeve and tapping valve for fire service connection to main. Connect domestic service to existing water main per NUD Standard Detail #5.~~
- ~~B. Connect water distribution piping to interior domestic water and fire suppression piping.~~

3.10 FIELD QUALITY CONTROL

- A. Water system shall be pressure-tested Piping Tests: Conduct piping tests before joints are covered and after concrete thrust blocks have hardened sufficiently. Fill pipeline 24 hours before testing and apply test pressure to stabilize system. Use only potable water.
- B. Hydrostatic Tests: Test in accordance with NUD 2014 Engineering Specifications Methods of Construction, Section 21.
- C. Prepare reports of testing activities.

3.11 IDENTIFICATION

- A. For non-ferrous pipe install continuous, 14 gauge copper, solid core, neoprene coated locating wire with water service line Locate below finished grade, directly over piping. Connections to water main and meter setter per NUD Standard Detail #5.
- B. Permanently attach equipment nameplate or marker indicating plastic water-service piping, on main electrical meter panel.

3.12 CLEANING

- A. Clean and disinfect water service piping as specified in Northshore Utility District 2014 Engineering Specifications Methods of Construction, Section 22.

END OF SECTION

PART 1 GENERAL

1.01 SUMMARY

- A. Metal panel roofing, including all components specified.

1.02 RELATED REQUIREMENTS

- A. Section 06 12 00 - Structural Insulated Panels
- B. Section 07 62 00 - Sheet Metal Flashing and Trim: Formed metal flashing and trim items associated with non-metal roofing.

1.03 REFERENCES

- A. UL 2218 - Standard for Impact Resistance of Prepared Roof Covering Materials; Underwriters Laboratories Inc.; Current Edition, Including All Revisions.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference: Before start of roofing work, Contractor shall hold a meeting to discuss the proper installation of materials and requirements to achieve the warranty.
 - 1. Require attendance with all parties directly influencing the quality of roofing work or affected by the performance of roofing work.
 - 2. Notify Architect two weeks in advance of meeting.

1.05 SUBMITTALS

- A. Product Data: Submit manufacturer's data sheets on each product to be installed and manufacturer's standard detail drawings applicable to this project.
 - 1. Installation Instructions: Provide manufacturer's instructions to installer, marked up to show exactly how all components will be installed; where instructions allow installation options, clearly indicate which option will be used.
- B. Samples: Submit following samples for approval:
 - 1. 12 inch long sample of roof panel.
 - 2. Color chips for selection of finish color and sheen.
 - 3. After selection of finish color, provide two 3 by 5 inch metal samples finished in color selected.
- C. Shop Drawings: Provide drawings prepared especially for this project for all relevant conditions, including plans and elevations, sections and details, specified loads, flashings, roof edges, terminations, expansion joints, curbs, penetrations, and drainage. Specifically include interfaces with materials not supplied by metal roof panel manufacturer and identify each component and its finish.
- D. Specimen Warranty: Submit prior to starting work.
- E. Installer Qualifications: Letter from manufacturer attesting that the roofing installer meets the specified qualifications.
- F. Manufacturer's Installation Inspection Reports: Manufacturer may, at its option, inspect the installation at any time to appraise the installing contractor of their compliance with manufacturer's requirements. Typical inspections will include:
 - 1. Prior to the installation of the metal roofing panels to inspect the underlayments. The roofing contractor is responsible for assuring that the substrate is in suitable condition for the installation of the metal roofing components to the substrate.
 - 2. Intermediate inspections to ensure proper installation of the metal roofing panels (if required).
 - 3. At final completion of all metal roofing system work.
 - 4. Submit to Owner, for the project record, a copy of each report of inspection made.
- G. Executed Warranty, by authorized company official.

1.06 QUALITY ASSURANCE

- A. Installer Qualifications: Roofing installer shall have received training from metal panel manufacturer for installation of the specified roof panel system.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Deliver products in manufacturer's original containers, dry and undamaged, with seals and labels intact and legible.
- B. Exercise extreme care in unloading, storing, and installing metal panels to prevent bending, warping, twisting, and surface damage.
- C. Store products above ground on well-supported platforms that provide minimum of 1:48 slope. Store under waterproof covering or indoors and provide proper ventilation of metal components to prevent condensation build-up between metal components.

1.08 WARRANTY

- A. Comply with all warranty procedures required by manufacturer, including notifications, scheduling, and inspections.
- B. Manufacturer's warranty is in addition to, and not a limitation of, other rights the owner may have under the contract documents.
- C. Manufacturer's Warranty: Manufacturer's standard 20-year performance warranty, stating the following:
 - 1. Architectural fluorocarbon finish:
 - a. Will be free of fading or color change in excess of 5 Hunter delta-E units as determined by ASTM D2244-02.
 - b. Will not chalk in excess of numerical rating of 8 when measured in accordance with standard procedures specified in ASTM D4214-98 method D659.
 - c. Will not peel, crack, chip, or delaminate.
 - 2. Metal substrate will not rupture, fail structurally, or perforate.
- D. Installer's Warranty: Warrant panels, flashings, sealants, fasteners and accessories against defective materials and/or workmanship, covering repairs required to maintain roof panels watertight and weatherproof with normal usage for two years following Project Substantial Completion date.
 - 1. Furnish written warranty, signed by installer.
- E. Weathertight Performance Warranty: Manufacturer's standard warranty in which manufacturer agrees to repair or replace metal roof panel assemblies that fail to remain weather tight within specified warranty period.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer - Metal Roof Panels and Associated Sheet Metal Components: AEP Span: www.aepspan.com.
- B. Other Acceptable Manufacturers:
 - 1. Fabral: www.fabral.com
 - 2. Metal Sales Manufacturing Corporation: www.metalsales.us.com
- C. Substitutions: See Section 01 60 00 - Material and Product Requirements.
 - 1. Submit evidence that the proposed substitution complies with the specified requirements.

2.02 ROOFING SYSTEM DESCRIPTION

- A. Roofing System: Standing seam metal roof panels and other components, together forming a watertight assembly having the following characteristics:
 - 1. Impact Resistance: Minimum of Class 4, when tested in accordance with UL 2218.
 - 2. Provide all necessary members and connections, whether indicated in the manufacturer's standard detail drawings or not.
 - 3. Accessories and Their Fasteners: Capable of resisting the specified design wind uplift forces and allowing for thermal movement of the roof panel system, not restricting free movement of the roof panel system resulting from thermal forces except at designed points of roof panel fixity.

- B. Roof System Components: In order from the top down:
1. Metal roofing panels and trim.
 2. Underlayment: Self-adhering underlayment over entire roof; material as specified.

2.03 ROOF PANELS AND SHEET METAL FABRICATIONS

- A. Roof Panels: AEP Span ~~Spanlok hp~~; ~~factory formed double lock standing seam-SpanSeam~~.; 180 degree standing seam, mechanically seamed in the field.
1. Prefinished Zinalume® sheet, ASTM AZ50 made of G90 galvanized steel ~~55% aluminum, 1.6% silicon and the balance zinc~~ as described in ASTM specification A792, as required by the premium to meet the specified finish.
 2. Acceptable Standing Seam System: ~~SLHP-216 in 24 gauge (Span-Lok hp)~~ by AEP Span SPS2216 in 24 gauge (SpanSeam) by AEP Span.
 3. Seam Height: 2 inch.
 4. Seam Spacing (Panel Width): 16 inches.
 5. Profile: Flat, no ribs or striations.
 6. Texture: Smooth.
 7. Provide factory applied integral seam sealant in leg of panel.
 8. Form roofing panels in longest practical lengths, true to shape, accurate in size, square, and free from distribution or manufacturing defects.
- B. Fluoropolymer Coating: 70 percent full strength Kynar 500/Hylar 5000.
1. Exposed Surface: 1.0 mil plus/minus 0.1 mil total dry film thickness.
 2. Concealed Surface: 0.2 to 0.3 mils total dry film thickness.
 3. Color: AEP Span Vintage.
- C. Sheet Metal Components Associated with Metal Roof Panels: Made by same manufacturer and compatible with roof panels; of not less than minimum thickness required by roof panel manufacturer.
1. Fabricate trim, flashing, and accessories to roofing manufacturer's specified or approved profiles.
 2. Exposed metal components of same finish as panels.
 3. Provide the following formed sheet metal components:
 - a. Eave, See Drawing
 - b. Rake edge, See Drawing.
 - c. Pipe and other penetration flashings, for penetrations over 8 inches.

2.04 ACCESSORY MATERIALS

- A. Self-Adhered Underlayment: Water resistant vapor permiable triple layer membrane, self-adhering.
1. Allowable UV Exposure Time: 120 days
 2. Water Vapor Permeance: 59 perms maximum.
 3. Thickness: 0.020 of an inch.
 4. Provide one of the following:
 - a. VaproShield SlopeShield SA
 - b. Other product approved by metal roof panel manufacturer and structural insulated panel manufacturer.
 5. Self-Adhered Underlayment Accessories:
 - a. Flashing: VaproFlashing SA.
 - b. Tape: VaproTape for edges and seams.
 - c. Foil Faced Tape: VaproAluma for flashing and membrane transitions.
 - d. Sealants: As recommended by membrane manufacturer.
- B. Fasteners: In strict accordance with metal roof panel manufacturer's requirements; minimize exposed fasteners.
1. Installation Clips: Manufacturer's standard stainless steel clips for concealed securement of panels.

2. Clip Fasteners: Stainless steel.
3. Fasteners Exposed to Weather: Sealed or with sealed washers on exterior side of covering to waterproof fastener penetration; washer material compatible with screw head; minimum 3/8 inch diameter washer for structural connections; gasket portion of fasteners or washers made of EPDM, neoprene, or other equally durable elastomeric material.
4. Fasteners Exposed to View: Head of color matching panel or component in which installed.

PART 3 INSTALLATION

3.01 GENERAL

- A. Install roofing, insulation, flashings, and accessories in accordance with roofing manufacturer's published instructions and recommendations for the specified roofing system. Where manufacturer provides no instructions or recommendations, follow good roofing practices and industry standards. Comply with federal, state, and local regulations.
- B. Obtain all relevant instructions and maintain copies at project site for duration of installation period.
- C. Verify that shop drawings prepared by metal roof panel manufacturer have been approved and are available to installers; do not use drawings prepared by others for installation drawings.
- D. Verify that the specifications and drawing details are workable and not in conflict with the roofing manufacturer's recommendations and instructions; start of work constitutes acceptance of project conditions and requirements.
- E. Do not start work until Pre-Installation Notice has been submitted to manufacturer as notification that this project requires a manufacturer's warranty.
- F. Perform work using competent and properly equipped personnel.
- G. Temporary closures, which ensure that moisture does not damage any completed section of the new roofing system, are the responsibility of the applicator. Completion of flashings, terminations, and temporary closures shall be completed as required to provide a watertight condition.
- H. Install roofing only when surfaces are clean, dry, and smooth; do not apply roofing during inclement weather or when ambient conditions will not allow proper application; consult manufacturer for recommended procedures during cold weather. Do not work with sealants and adhesives when material temperature is outside the range of 60 to 80 degrees F.
- I. Protect adjacent construction, property, vehicles, and persons from damage related to roofing work; repair or restore damage caused by roofing work.
 1. Protect from spills and overspray from bitumen, adhesives, sealants and coatings.
 2. Particularly protect metal, glass, plastic, and painted surfaces from bitumen, adhesives, and sealants within the range of wind-borne overspray.
 3. Protect finished areas of the roofing system from roofing related work traffic and traffic by other trades.
- J. Until ready for use, keep materials in their original containers as labeled by the manufacturer.
- K. Consult membrane manufacturer's instructions, container labels, and Material Safety Data Sheets (MSDS) for specific safety instructions. Keep all adhesives, sealants, primers and cleaning materials away from all sources of ignition.

3.02 EXAMINATION

- A. Verify that surfaces and site conditions are ready to receive work. Correct defects in the substrate before commencing with roofing work.
- B. Verify that the substructure installation is in accordance with the approved shop drawings and roof panel manufacturer's requirements, that the fasteners are correct for the substrate, and the substrate is installed to accommodate and support the appropriate clip spacing and attachment.

- C. Verify that installed work of other trades that such work is complete to a point where the roofing system installation may commence.
- D. Verify that roof openings, curbs, pipes, sleeves, ducts, vents, and other penetrations through roof substrate are complete and properly located.
- E. In event of discrepancy, notify Architect in writing; do not proceed with installation until discrepancies have been resolved.

3.03 UNDERLAYMENT INSTALLATION

- A. Install underlayment in accordance with manufacturer's instructions.
- B. Install self-adhered underlayment over entire roofing surface.

3.04 ROOF PANEL INSTALLATION

- A. Install the metal roof panel system in accordance with the manufacturer's instructions, installation drawings, and approved shop drawings, so that it is weathertight and allows for thermal movement.
- B. Locate and space all fasteners in accordance with roof panel manufacturer's recommendations. For required exposed fasteners, use proper torque settings to obtain controlled uniform compression for a positive seal without rupturing the sealing washers.
- C. Do not place utility penetrations through the panel seams.
- D. Do not allow panels or trim to come into contact with dissimilar materials (i.e. copper, lead, graphite, treated lumber, mortar, etc). Protect from water run-off from these materials.
- E. Perform field cutting of panels and related sheet metal components by means of hand or electric shears. At no time shall a hot/friction saw be used.
- F. Remove protective film immediately after installation.

3.05 FLASHING AND ACCESSORIES INSTALLATION

- A. Install flashings, including laps, splices, joints, bonding, adhesion, and attachment, as required by roof panel manufacturer's recommendations and details.
- B. Install metal trim, accessories, and edgings in locations indicated on the drawings.
 - 1. Follow roofing manufacturer's instructions.
 - 2. Remove protective plastic surface film immediately before installation.
- C. Flashing at Penetrations: Flash all penetrations passing through the membrane; make flashing seals directly to the penetration.
 - 1. Pipes, Round Supports, and Similar Items: Flash with specified pre-molded pipe flashings wherever practical.
 - 2. Where pre-molded pipe flashings are not practical, provide flashing detail as recommended by metal panel manufacturer.

3.06 FIELD QUALITY CONTROL

- A. Inspection by Manufacturer: Provide final inspection of the roofing system by a Technical Representative employed by roofing system manufacturer specifically to inspect installation for warranty purposes (i.e. not a sales person).
- B. Perform all corrections necessary for issuance of warranty.

3.07 ADJUSTING AND CLEANING

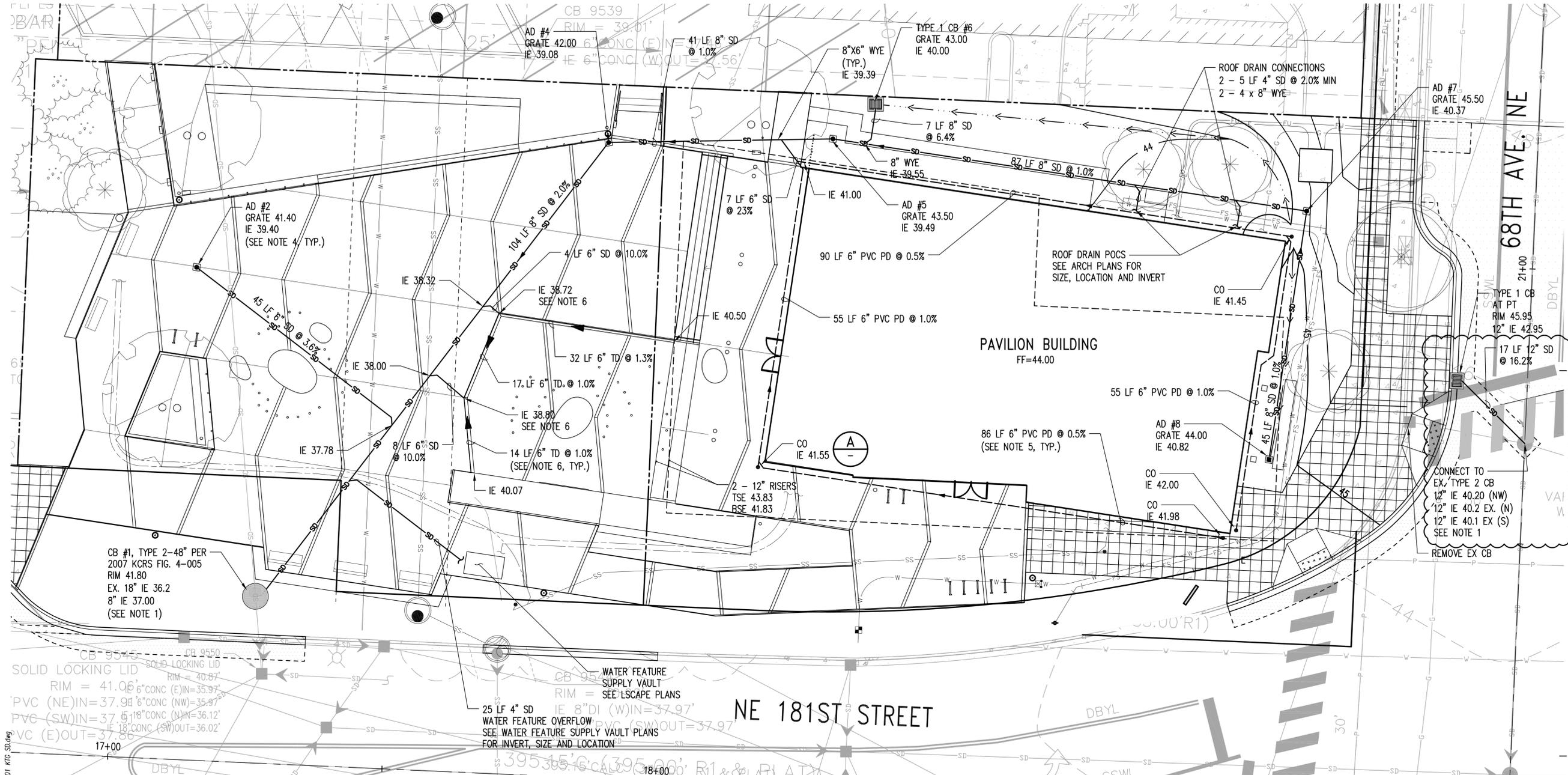
- A. Repair panels having minor damage.
- B. Remove panels damaged beyond repair and replace with new panels to match adjacent undamaged panels.
- C. Clean exposed panel surfaces promptly after installation in accordance with recommendations of panel and coating manufacturers.

- D. Clean all contaminants generated by roofing work from building and surrounding areas, including adhesives, sealants, and coatings.
- E. Repair or replace building components and finished surfaces damaged or defaced due to the work of this section; comply with recommendations of manufacturers of components and surfaces.
- F. Remove leftover materials, trash, debris, equipment from project site and surrounding areas.

3.08 PROTECTION

- A. Where construction traffic must continue over finished roof panels, provide durable protection and replace or repair damaged roofing to original condition.

END OF SECTION



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landscape architecture
urban design

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200 seattle, washington

98101

(206) 624-8154 phone
(206) 626-0541 fax

KENMORE TOWN GREEN

6728 NE 181ST STREET
KENMORE, WA 98028

CITY OF KENMORE
18120 68TH AVENUE NE

OWNER:  CITY OF KENMORE

if this drawing is not 22" x 34", it is a reduced print - scale accordingly

REVISIONS:

NO.	DESCRIPTION	BY	DATE
1	BID ADDENDUM 1	KPFF	9/4/2015

DOCUMENT SET TYPE:
BID SET

DRAWN BY: TAD CHECKED BY: SJD



SHEET TITLE:
STORM DRAINAGE PLAN

PROJECT NO: 114410 DRAWING NO.: C3.01

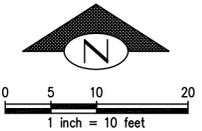
SCALE: AS NOTED SHEET 8 OF 11

DATE: 6/08/15

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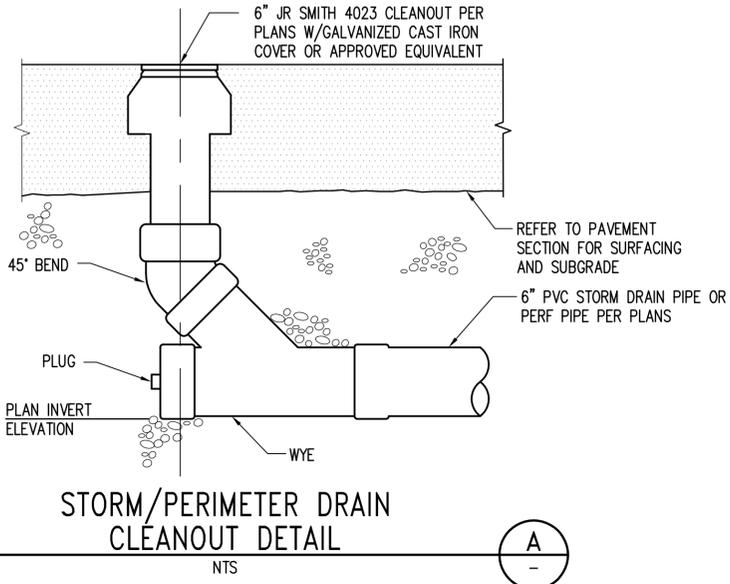
- NOTES:**
- CONTRACTOR SHALL POTHOLE EXISTING SD PRIOR TO CONSTRUCTION TO VERIFY PIPE SIZE, LOCATION, AND INVERT ELEVATION.
 - STORM PIPING SHALL BE TYPE S SMOOTH LINED CORRUGATED POLYETHYLENE PER WSDOT 9-05.2(8) UNLESS NOTED OTHERWISE.
 - DIMENSIONS ARE TO CENTER OF STRUCTURE.
 - AREA DRAINS SHALL BE 12" NYLOPLAST OR EQUAL. GRATES SHALL BE 12" NYLOPLAST STANDARD GRATE OR EQUAL, EXCEPT AT HARDSCAPE AREAS WHERE GRATE SHALL BE AS SPECIFIED BY LANDSCAPE ARCHITECT.
 - BACKFILL PERIMETER DRAIN (PD) WITH GRAVEL BACKFILL FOR DRAINS AND WRAP GRAVEL WITH FILTER FABRIC (OVERLAP ON TOP). PLACE WEEPHOLES DOWNWARD.
 - SEE LANDSCAPE PLANS FOR TRENCH DRAIN DETAIL, INCLUDING CONNECTION TO 6" DISCHARGE PIPE(S).

- LEGEND**
-  RIGHT OF WAY LINE
 -  PROPERTY LINE
 -  STORM DRAIN
 -  PERFORATED PERIMETER DRAIN
 -  STORM DRAIN CLEANOUT
 -  12" AREA DRAIN
 -  TYPE 1 CATCH BASIN
 -  TYPE 2 CATCH BASIN



kpff

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811 Call 811
two business days
before you dig

Z:\114401-114999\114410 (Kenmore Town Green)\CADD\Design\C3.01 KTC SD.dwg Sep 04, 2015 - 11:24am samd

**KENMORE
TOWN GREEN**
6728 NE 181ST STREET
KENMORE, WA 98028

OWNER:
**CITY OF
KENMORE**
18120 68TH
AVENUE NE

if this drawing is not 22" x 34", it is a reduced print - scale accordingly

REVISIONS:

NO.	DESCRIPTION	BY	DATE
1	BID ADDENDUM 1	KPFF	9/4/2015

DOCUMENT SET TYPE:
BID SET

DRAWN BY: TAD CHECKED BY: SJD



SHEET TITLE:
**RIGHT-OF-WAY
PAVEMENT
RESTORATION PLAN**

PROJECT NO:
114410

DRAWING NO.:

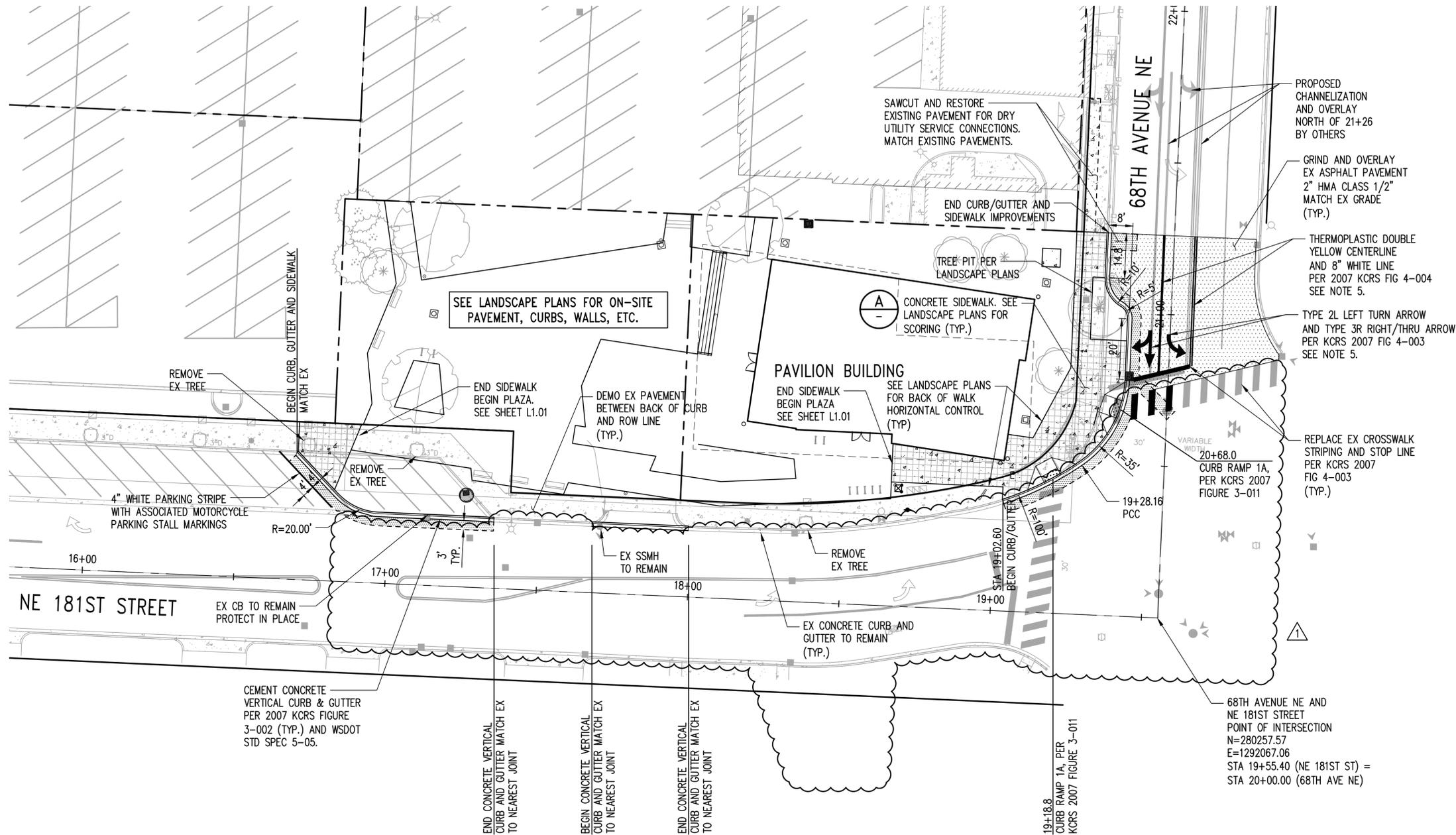
C4.00

SCALE:
AS NOTED

DATE: **6/08/15**

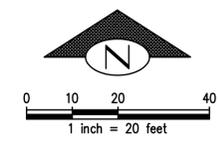
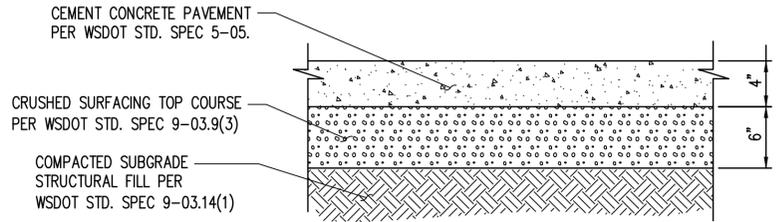
SHEET **9** OF **11**

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- NOTES:**
- SEE LANDSCAPE PLANS FOR CONCRETE PAVEMENT SCORING. SEE LANDSCAPE PLANS FOR CONCRETE PLAZA JOINTS.
 - SEE LANDSCAPE PLANS FOR TREE LOCATIONS, PLANTING AREAS AND CONCRETE PLAZA HORIZONTAL CONTROL.
 - FOR HORIZONTAL CONTROL OF BUILDING, SEE ARCHITECTURAL PLANS.
 - ALL EXISTING UTILITIES AND IMPROVEMENTS IN THE PUBLIC R.O.W., ABOVE AND BELOW GRADE, SHALL BE PROTECTED UNLESS NOTED OTHERWISE.
 - ALIGN WITH PROPOSED CHANNELIZATION BY OTHERS NORTH OF FRONTAGE.

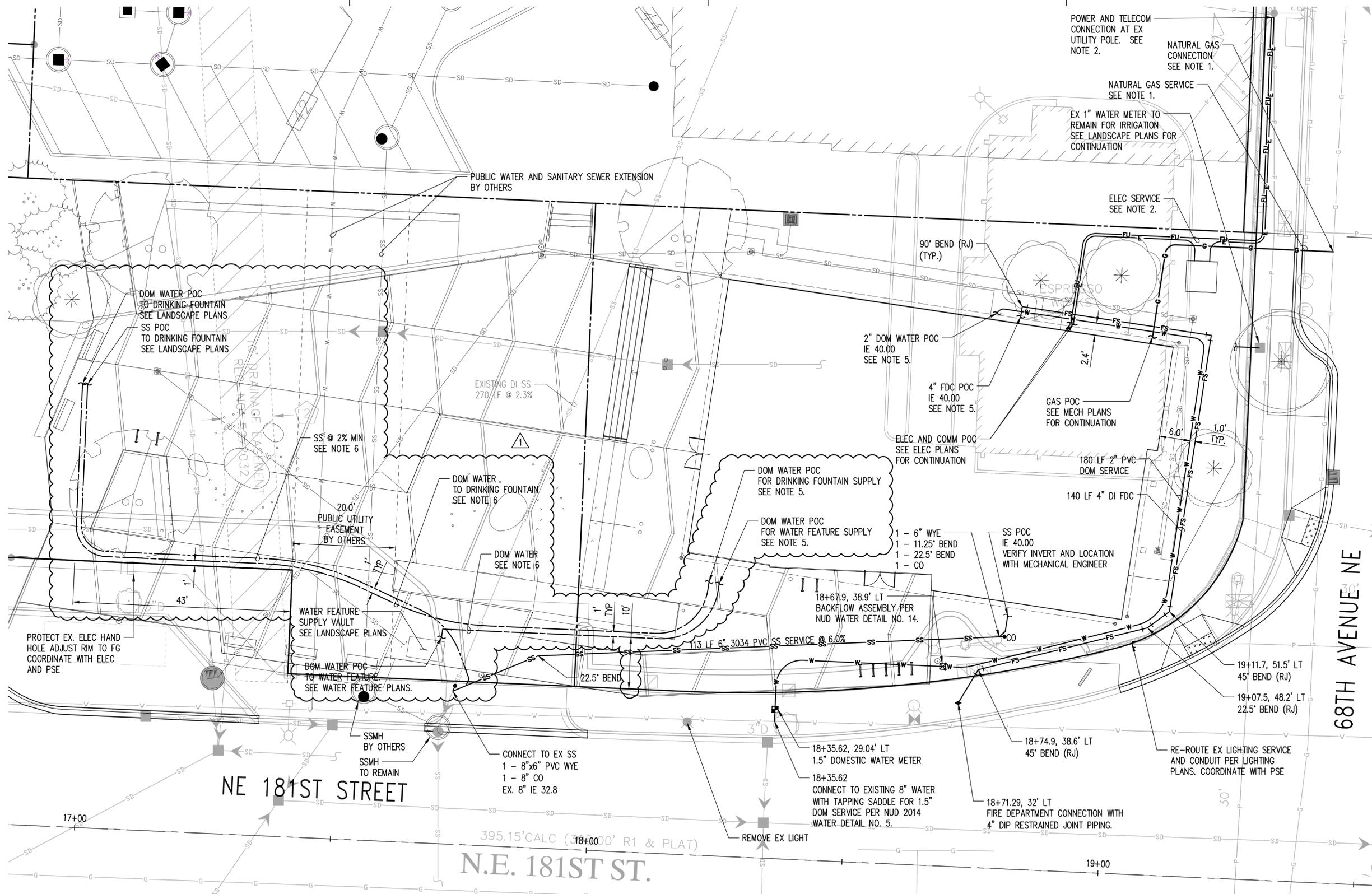
- LEGEND:**
- RIGHT OF WAY LINE
 - PROPERTY LINE
 - VERTICAL CURB AND GUTTER
 - CEMENT CONCRETE SIDEWALK
 - ASPHALT PAVEMENT
 - ASPHALT GRIND AND OVERLAY



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HEWITT architecture
landscape architecture
urban design

101 stewart street
200 seattle, washington
98101

(206) 624-8154 phone
(206) 626-0541 fax

KENMORE TOWN GREEN
6728 NE 181ST STREET
KENMORE, WA 98028

OWNER:
 CITY OF KENMORE
18120 68TH AVENUE NE

if this drawing is not 22" x 34", it is a reduced print - scale accordingly

REVISIONS:

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1	BID ADDENDUM 1	KPFF	9/4/2015

DOCUMENT SET TYPE:
BID SET

DRAWN BY: TAD CHECKED BY: SJD



SHEET TITLE:
UTILITY PLAN

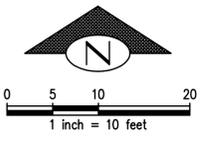
PROJECT NO.: 114410 DRAWING NO.:
SCALE: AS NOTED **C5.00**
DATE: 6/08/15 SHEET 10 OF 11

NOTES

- NATURAL GAS CONNECTION AND METER INSTALLATION TO BE COMPLETED BY PSE. INSTALLATION TO BE COORDINATED BY CONTRACTOR.
- ELECTRICAL SERVICE CONNECTION TO BE COMPLETED BY PSE. INSTALLATION TO BE COORDINATED BY CONTRACTOR.
- SANITARY SEWER CLEANOUTS SHALL BE PER NUD 2014 STANDARD SEWER DETAIL NO. 9.
- SEE SHEET C6.00 FOR NE 181ST STREET CENTERLINE HORIZONTAL CONTROL.
- CONTRACTOR SHALL VERIFY PIPE SIZE, MATERIAL, INVERT AND LOCATION WITH MECHANICAL ENGINEER.
- WATER AND SANITARY SERVICES FROM BUILDING TO WATER FEATURE AND DRINKING FOUNTAIN ARE SHOWN FOR ALIGNMENT ONLY. SEE MECHANICAL PLANS FOR PIPE DESIGN.

LEGEND

	RIGHT OF WAY LINE		SMALL DIAMETER SANITARY DRAIN
	PROPERTY LINE		SMALL DIAMETER WATER SUPPLY
	FRANCHISE UTILITY (COMM)		
	GAS		
	ELECTRICAL SERVICE		
	SANITARY SEWER SERVICE		
	DOMESTIC WATER SERVICE		
	IRRIGATION SERVICE		
	FIRE SERVICE		



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DATE: _____

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**KENMORE
TOWN GREEN**
6728 NE 181ST STREET
KENMORE, WA 98028

OWNER:
 **CITY OF
KENMORE**
18120 68TH
AVENUE NE

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REVISIONS:

NO.	DESCRIPTION	BY	DATE
1	BID ADDENDUM 1	KPFF	9/4/2015

DOCUMENT SET TYPE:
BID SET

DRAWN BY: _____ CHECKED BY: _____
TAD _____ SJD _____



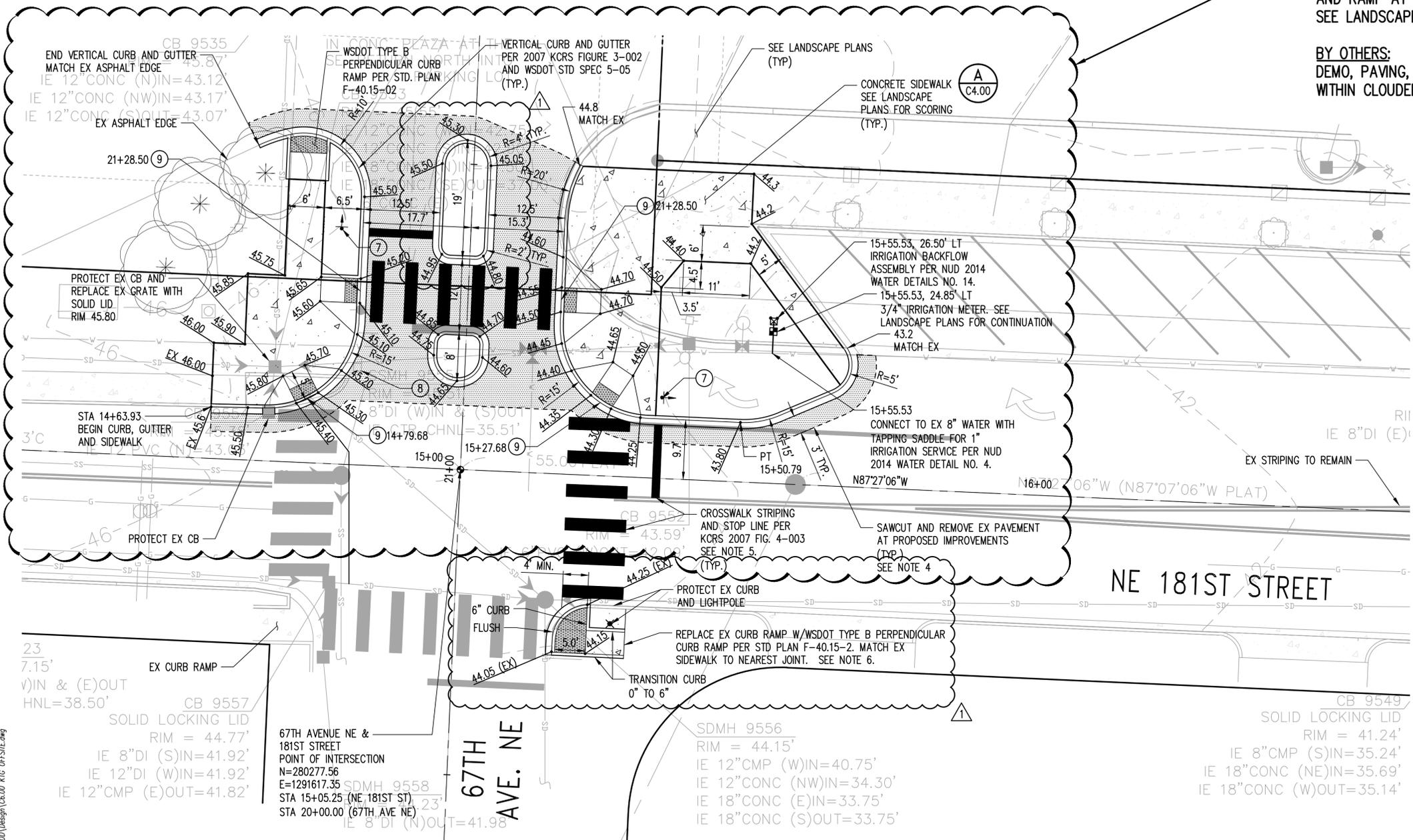
SHEET TITLE:
**OFFSITE
IMPROVEMENTS
PLAN**

PROJECT NO: **114410** DRAWING NO.:
SCALE: **C6.00**
AS NOTED SHEET **11** OF **11**
DATE: **6/08/15**

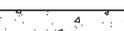
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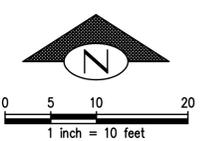
IN CONTRACT:
LANDSCAPE PLANTINGS, SOIL, IRRIGATION, ELEC GFCIs
AND RAMP AT SOUTHEAST CORNER OF INTERSECTION.
SEE LANDSCAPE PLANS.

BY OTHERS:
DEMO, PAVING, RAMPS, CURB AND GUTTER, STRIPING, ETC.
WITHIN CLOUDED AREA.



- NOTES:**
- ASPHALT PAVING SHALL BE 3" CLASS 1/2" HMA OVER 6" CRUSHED SURFACING TOP COURSE.
 - SPOT ELEVATIONS SHOWN AT CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED.
 - DIMENSIONS SHOWN TO CURB ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 - DEMOLISH EXISTING PAVEMENT BETWEEN SAWCUT LINE AND BACK OF PROPOSED SIDEWALK. ALL EXISTING UTILITIES AND IMPROVEMENTS, ABOVE AND BELOW GRADE, SHALL BE PROTECTED UNLESS NOTED OTHERWISE. ADJUST EXISTING UTILITIES TO FINISHED GRADE.
 - CROSSWALK STRIPES SHALL BE 2' WIDE.
 - PRIOR TO REPLACEMENT OF CURB RAMP CONTRACTOR SHALL PROVIDE EXISTING CURB RAMP SPOT ELEVATIONS TO ENGINEER FOR VERIFICATION OF PROPOSED RAMP GRADES.
 - STOP SIGN PER CITY OF KENMORE STANDARDS. ALIGN WITH STOP LINE, 2' MINIMUM FROM FACE OF CURB.
 - RELOCATE EXISTING STREET SIGN. CONTRACTOR SHALL COORDINATE WITH CITY OF KENMORE FOR NEW LOCATION.
 - CURB RAMP TYPE 1A PER KCRS 2007 FIGURE 3-011.
 - PROPOSED CROSSWALK AND STOP BAR LOCATION AT 67TH AVENUE NE ARE PER CITY DIRECTION.

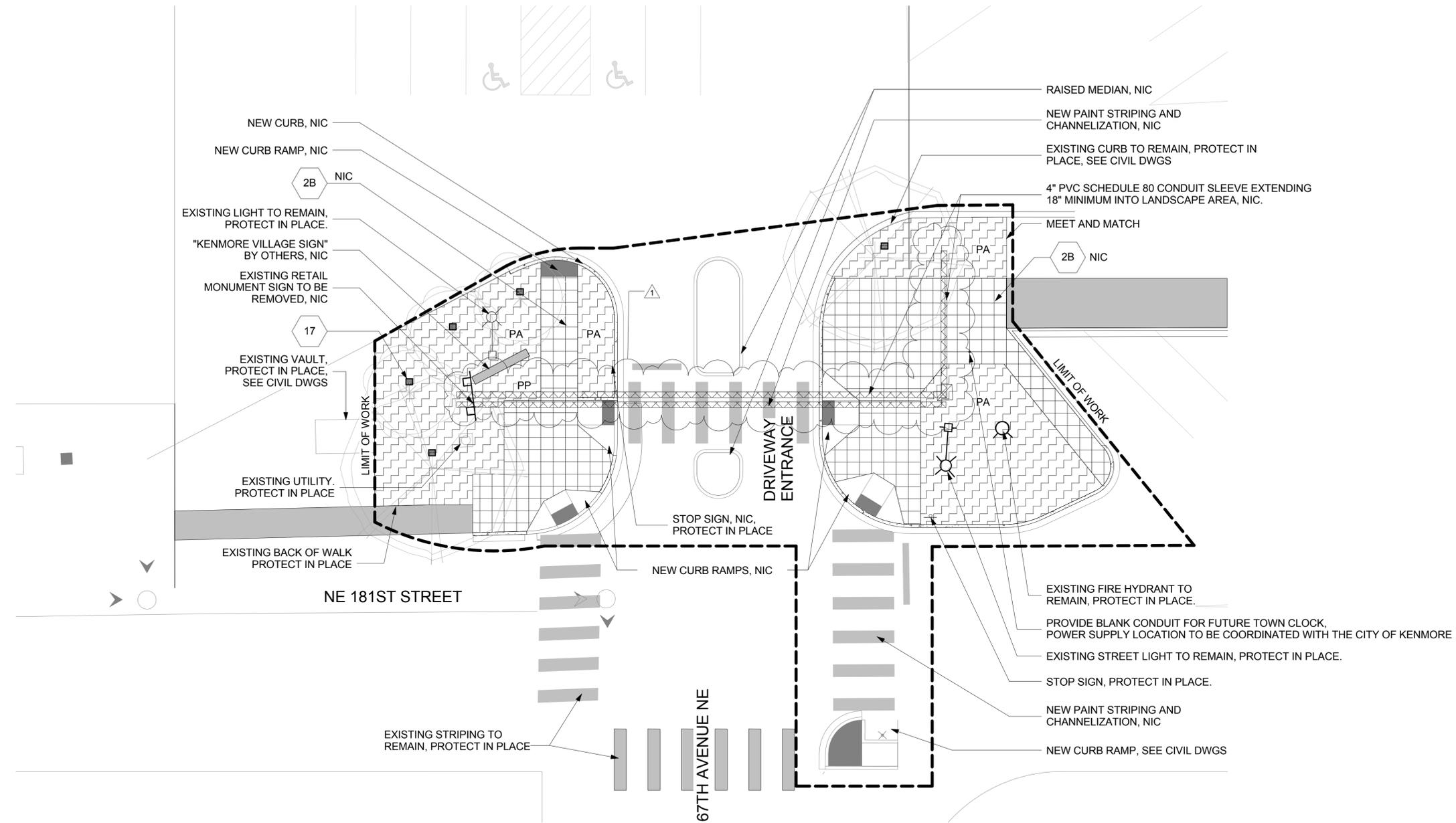
- LEGEND:**
-  RIGHT OF WAY LINE
 -  PROPERTY LINE
 -  VERTICAL CURB AND GUTTER
 -  SAWCUT EXISTING PAVEMENT
 -  ASPHALT PAVEMENT
 -  CEMENT CONCRETE SIDEWALK



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1 MATERIALS PLAN - 181/67 INTERSECTION

LEGEND

- NIC NOT IN CONTRACT / 'BY OTHERS'
- PA PLANTING AREA
- PP PERENNIAL PLANTING AREA
- TA TURF AREA (SOD)
- SA SEED AREA

- 15 L5.02 2B CIP CONCRETE PAVEMENT PER C.O.K. STANDARD, 2' X 2' SCORE PATTERN WITH BROOM FINISH
- 17 GFCI AT EACH TREE (QTY 5), POWER SUPPLY FOR GFCIS, IRRIGATION CONTROLLER AND FUTURE TOWN CLOCK TO BE COORDINATED WITH THE CITY OF KENMORE. PROVIDE FOR SUBMETER PANEL AT EXISTING SIGN POWER LOCATION. SEE ELECTRICAL SHEETS FOR ADDITIONAL DETAIL.

MATERIALS NOTES

1. REFER TO CIVIL DRAWINGS FOR ALL EXISTING AND PROPOSED UTILITY LINES, POLES, METERS, VAULTS, AND STRUCTURES LOCATED IN THE R.O.W. AND ON SITE.
2. REFER TO CIVIL DRAWINGS FOR ALL GRADING INFORMATION IN THE R.O.W. AND SITE.
3. REFER TO LAYOUT PLANS FOR ALL PLANTER DIMENSIONS.
4. REFER TO L5.01 - L5.08 FOR SITE SECTIONS AND DETAILS.
5. REFER TO L5.01 - L5.08 FOR SITE SECTIONS AND DETAILS.
6. REFER TO 2/L3.05 FOR SOIL DEPTH DIAGRAM
7. ALL SITE FURNISHINGS INCLUDING BUT NOT LIMITED TO TABLES, CHAIRS, AND TRASH RECEPTACLES ARE TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI), TYP. FINAL LOCATIONS AND QUANTITIES TO BE DETERMINED.
8. REPORT ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION/INSTALLATION.
9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SCHEDULES WITH DEVELOPER'S CONTRACTOR (THE 'OTHERS') FOR INSTALLATION OF THE IMPROVEMENTS.
10. CONDUIT SLEEVE UNDER HARDSCAPE AREAS NIC. REFER TO IRRIGATION PLANS FOR ADDITIONAL IRRIGATION CONDUITS FOR HARDSCAPE AREAS.

KENMORE TOWN GREEN
6728 NE 181ST ST. KENMORE, WA 98028

OWNER:

CITY OF KENMORE
18120 68TH AVENUE NE

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REVISIONS:

NO.	DESCRIPTION	BY	DATE
1	Addendum 1	RCS	09/04/15

DOCUMENT SET TYPE:
BID SET

DRAWN BY: RC S
CHECKED BY: MMP

STAMP:

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
KRIS R. SNIDER
CERTIFICATE NO. 483

SHEET TITLE:
MATERIALS PLAN - 181/67 INTERSECTION

PROJECT NO: **14015** DRAWING NO.:
SCALE: **L1.02**
AS NOTED
DATE **08.19.15** SHEET OF

**KENMORE
TOWN GREEN**
6728 NE 181st ST.
KENMORE, WA 98028



OWNER:
**CITY OF
KENMORE**

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REVISIONS:

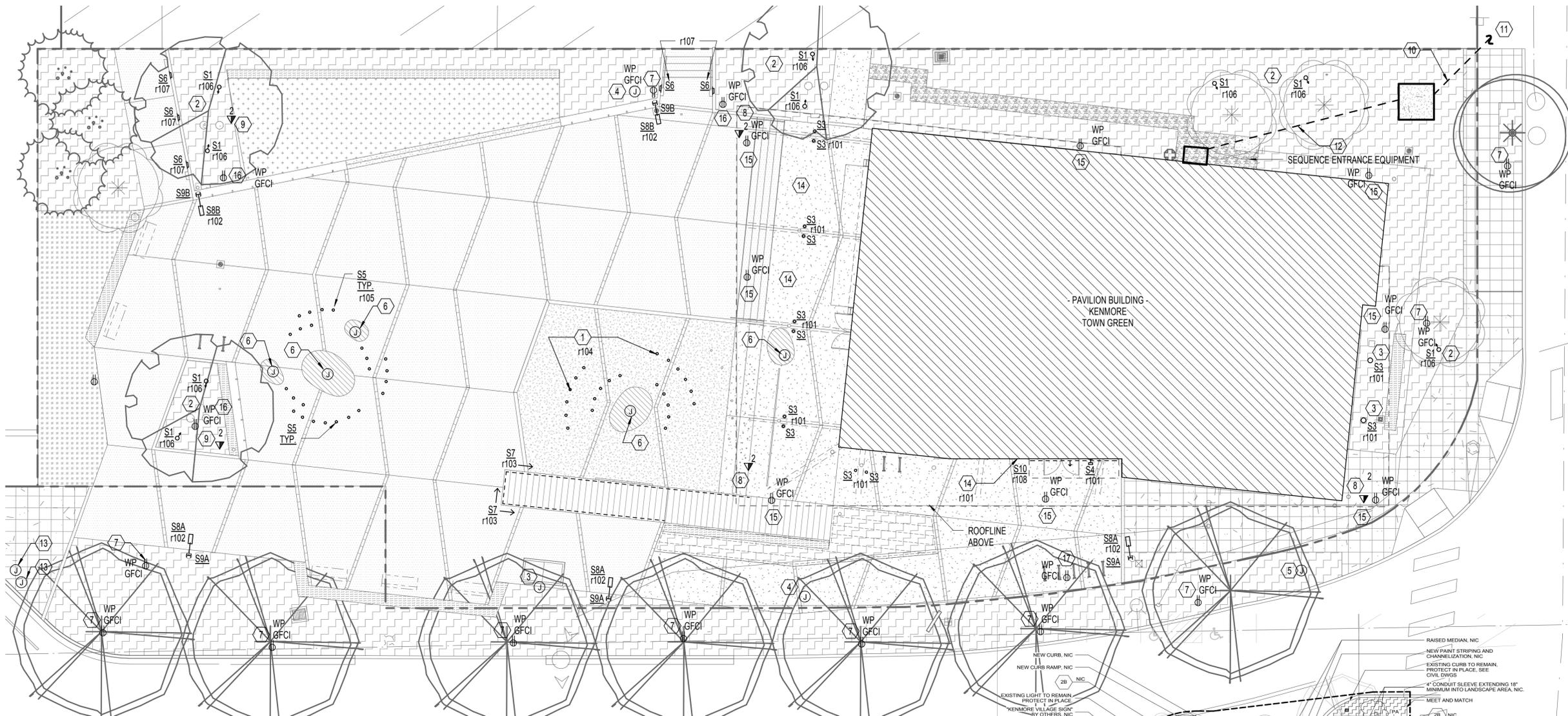
NO.	DESCRIPTION	BY	DATE
1	Revision 1		Date 1

DOCUMENT SET TYPE:
BID SET

DRAWN BY: SDK
CHECKED BY: SP2
STAMP:

SHEET TITLE:
**SITE PLAN -
ELECTRICAL**

PROJECT NO:
**14015 (HEWITT)
14-1045.00 (PAE-LUMA)**
SCALE:
AS NOTED
DATE **8/19/2015** SHEET **E0.10** OF



1 LIGHTING - SITE PLAN
1" = 10'-0"

GENERAL NOTES:

- A. THIS IS A DOCUMENT SET OF DRAWINGS FOR PERMIT. ALL LUMINAIRES ARE SHOWN FOR DESIGN INTENT AND PRICING. SPACES WITHOUT LIGHT FIXTURES OR LIGHTING CONTROLS SHOULD BE ASSUMED TO HAVE LIGHTING SIMILAR TO SIMILAR SPACES.
- B. EGRESS LIGHTING SHALL BE PER CODE MINIMUM IN ALL SPACES WHERE EMERGENCY EGRESS LIGHTING IS REQUIRED INCLUDING ALL EXTERIOR SPACES. IN STAIRS, ELECTRICAL ROOMS, IDF/MDF ROOMS, MECHANICAL ROOMS AND ELEVATOR MACHINE ROOMS ALL LIGHTING WILL BE ON EMERGENCY POWER.
- C. SEE CUTSHEETS FOR MAST/POLE/BOLLARD BASE DETAILS.
- D. ALL LIGHTING TO BE ROUTED THROUGH A PROGRAMMABLE LIGHTING CONTROL PANEL ADJACENT TO PANEL A.
- E. ALL POWER CONNECTIONS TO BE PROVIDED BY PANEL A, EXCEPT WATER FEATURE, SEE NOTE 3.

NOTES:

- 1. REFER TO FOUNTAIN CONTRACTOR'S DESIGN/BUILD DRAWINGS FOR COLOR CHANGING FIXTURES IN FOUNTAIN. COORDINATE LOCATION OF REMOTE TRANSFORMERS WITH ARCHITECT PRIOR TO ORDERING.
- 2. COORDINATE TREE LIGHTING REMOTE TRANSFORMER SUCH THAT IT IS CONCEALED WITHIN PLANTING AREA ADJACENT TO TREES. TRANSFORMER TO BE LOCATED IN NEMA ENCLOSURES RATED FOR APPLICATION. COORDINATE SELECTION OF ENCLOSURE PRIOR TO ORDERING.
- 3. WATER FEATURE VAULT. PROVIDE THE FOLLOWING POWER CONNECTION FROM PANEL A1:
(4) 240V, 20A/2P TO PUMPS
(4) 120V, 20A FOR MISCELLANEOUS EQUIPMENT
COORDINATION WITH WATER FEATURE SUPPLIES.
- 4. FUTURE ART LOCATION: PROVIDE (2) 1" CONDUITS FOR POWER AND DATA. STUB AND CAP CONDUIT ADJACENT TO PANEL A.
- 5. FUTURE SIGNAL LOCATION: PROVIDE (2) 1" CONDUITS FOR POWER AND DATA. STUB AND CAP CONDUIT ADJACENT TO PANEL A.
- 6. HEATED ROCK: PROVIDE 120V, 20A CONNECTION TO ELECTRONIC HEATED CABLE THERMOSTAT, CONFIRM LOCATION WITH ARCHITECT. REFERENCE DIVISION 238313 FOR MORE INFORMATION.
- 7. PROVIDE PEDESTAL STYLE RECEPTACLE IN WEATHERPROOF METAL IC BOX WITH WHILE-IN-USE TYPE COVER. PROVIDE 120V, 20A CIRCUIT.
- 8. PROVIDE DATA OUTLET ON ROOF FOR EXTERIOR MOUNTED WIRELESS ACCESS POINT.
- 9. PROVIDE PEDESTAL STYLE DATA OUTLET WITH WHILE-IN-USE COVER FOR WIRELESS ACCESS POINT/HARDWARE CONNECTIVITY.
- 10. PROVIDE UTILITY TRANSFORMER PAD/VAULT PER PSE REQUIREMENTS. COORDINATION LOCATION WITH PSE.
- 11. EXTEND (1) 4" CONDUIT TO EXISTING PSE DISTRIBUTION POINT. COORDINATION REQUIREMENTS WITH PSE.
- 12. PROVIDE SECONDARY CONDUIT FROM UTILITY TRANSFORMER TO SERVICE ENTRANCE EQUIPMENT. SEE ONE-LINE DIAGRAM ON E3.01.
- 13. EV STATION: PROVIDE 70A, 208V/1P POWER CONNECTION AND (1) 1" CONDUIT FOR DATA CABLING STUB DATA CONDUIT ADJACENT TO PANEL A.

- 14. SEE ARCHITECTURAL ELEVATION FOR BACKLIT "KENMORE" SIGNAGE AT MAIN ENTRY. PROVIDE \$3500 ALLOWANCE. REMOTE DRIVER LOCATION FOR SIGN AND S10 FIXTURE TO BE COORDINATED WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
- 15. ROOF MOUNTED RECEPTACLE FOR SEASONAL LIGHTS. CIRCUITS TO BE ROUTED THRU LIGHTING CONTROL PANEL.
- 16. AV: PROVIDE (3) PEDESTAL STYLE RECEPTACLES IN WEATHERPROOF METAL IC BOXES WITH WHILE-IN-USE TYPE COVERS. PROVIDE (3) 120V, 20A CIRCUITS.
- 17. BIKE CHARGING: PROVIDE PEDESTAL STYLE RECEPTACLE IN WEATHERPROOF METAL IC BOX WITH WHILE-IN-USE TYPE COVER. PROVIDE 120V, 20A CIRCUIT. PAINT BOX AND COVER AS REQUIRED BY ARCHITECT.

181/67 INTERSECTION SCOPE:

- 1. REFERENCE LANDSCAPE DRAWINGS L1.02 AND L4.02 FOR MORE INFORMATION. SNAPSHOT ABOVE INDICATES AREA OF WORK.
- 2. PROVIDE (1) GFCI PEDESTAL STYLE RECEPTACLE WITH METALLIC WHILE-IN-USE COVER AT (5) TREE LOCATIONS. INTERCEPT AND EXTEND EXISTING 120V CIRCUIT AT SERVICE PEDESTAL LOCATED AT EXISTING RETAIL SIGNAGE.
- 3. INTERCEPT AND EXTEND EXISTING 120V CIRCUIT AT SERVICE PEDESTAL NOTED ABOVE TO IRRIGATION CONTROLLER LOCATED IN LANDSCAPE AREA ACROSS 6TH.
- 4. PROVIDE (1) 1" CONDUIT BETWEEN LANDSCAPE AREAS FOR FUTURE CLOCK.
- 5. PROVIDE SINGLE PHASE KWH METER IN NEMA 4X, LOCKING ENCLOSURE FOR MONITORING POWER USAGE OF 120V CIRCUIT NOTED ABOVE. EMON DMON CLASS 1000 OR EQUAL. MOUNT AT EXISTING SERVICE PEDESTAL.
- 6. CITY OF KENMORE TO COORDINATE PHASING OF ELECTRICAL INSTALLATION WITH OWNER OF EXISTING POWER THAT WILL BE EXTENDED.

Printed On: 9/3/2015 4:57:12 PM

Approved for Construction

DATE: _____ BY: _____ CITY OF KENMORE

Memorandum

Date: Thursday, September 03, 2015

To: Debbie Bent, City of Kenmore

From: Reese Cowan Stewart, HEWITT

Re: **Kenmore Town Green
Pre-Bid Information Meeting Questions & Answers**

A pre-bid meeting for the Kenmore Town Green Project to be constructed at 6728 NE 181th St. was held at the City of Kenmore City Hall on Wednesday September 2, 2015 at 10 am. Owner's representatives were available to answer questions and to provide a general overview of the project. Following is a list of questions and answers provided at the pre-bid meeting:

Question 1:

What is the last date/time for submitting questions?

Answer 1:

Noon 9/11/15

Question 2:

Is signage to be submitted to the City or through a General Contractor?

Answer 2:

All bids must be submitted through a General Contractor.

Question 3:

What are the anticipated design changes?

Answer 3:

Addendum #1 will be issued later this week for the power supply (possibly a submeter) at the 67th/181st Street intersection to support irrigation and some GFCIs. This needs to be included in the general contract. A second addendum may be issued 9/14/15 if additional clarifications and/or alterations are made.

Note that some components may require a longer lead time, specifically items such as the large bay door so be aware of that: Very few manufacturers can satisfy those specifications.

Note that there is an expectation for high quality for the site and building. This project is a civic gesture, a civic gift with a substantial amount of pride as was the case with the construction of the Library, Fire Station and City Hall buildings.

Question 4:

Is a laydown area provided outside of the site footprint?

Answer 4:

No. The City is considering potential areas and this location(s) will be identified, if any, in addendum 2 forthcoming.

Question 5:

What are the working hours?

Answer 5:

Working hours are outlined in the specifications, including working days.

Question 6:

Is the restaurant pad next to the site?

Answer 6:

The parcel is owned by the City and located immediately west of the site. This area is currently used for parking. The developer to the north has an option to develop this property and that development may occur during the construction of the Town Green.

Question 7:

Is there a soils report for the site?

Answer 7:

Yes. This report is available through the City. The design team will make this accessible through ARC document Systems.

Question 8:

Can the north sidewalk on 181st Street be closed?

Answer 8:

Yes during construction, coordination with City required for temporary closure.

Question 9:

Does the site contain peat?

Answer 9:

Refer to the soils report.

Question 10:

What happens if the soil for 'pad ready' is not structural fill or something else suitable but ends up being till or something else unsuitable?

Answer 10:

Refer to the specification and drawings. See Civil drawings C0.00. Specification Sections 01 70 00.