

August 14, 2015  
Subject: **Downtown Auburn  
Transportation Center**  
State WIN: 12326.00  
**Amendment No. 6**

Dear Sir/Ms:

Make the following changes to the Bid Documents:

**CHANGES:**

**Change:** Remove and Replace entire Special Provisions Table of Contents. See Amendment #6.

**Change:** Make telephone number change in pen and ink- Special Provisions 104- Utilities, p. 87 SUBSURFACE, 2<sup>nd</sup> paragraph last sentence, "The contact for the Auburn Water District is Sid Hazelton at 784-6469."

**Change:** Add Special Provisions Specification Section 621.10- Landscape. See Amendment #6.

**Change:** Eliminate Special Provisions Specification Section 625.125- Not applicable.

**Change:** Eliminate Special Provisions Specification Section 625.160- Not applicable.

**Change:** Remove and Replace entire Special Provisions Specification Section 011010. See Amendment #6.

**Change:** Add Special Provisions Specification Section 102600. See Amendment #6.

**Change:** Remove and Replace entire Special Provisions Specification Section 102800. See Amendment #6.

**Change:** Make this change in pen and ink- Special Provisions Specification Section 042613- Masonry Veneer, Article 2.3, C, 5: Delete and replace with the following:

- "5. Color:
  - a. GSW-262 Rockwood"

**Change:** Remove and Replace Schedule of Values. See Amendment #6

**Change:** Remove and Replace Schedule of Items. See Amendment #6

**Change:** Remove and Replace C101, C102, C200. See Amendment #6

**Change:** Eliminate drawing C201. Details are either moved to C200 or are no longer applicable.

#### **QUESTIONS/RESPONSES:**

**Question:** Can you confirm the ceiling surface in the Waiting Area room 3? Would it be steel bar joist w/corrugated metal decking?

**Response:** In Waiting Area Room 3 the ceiling is exposed, meaning the structural framing system and decking will be visible. Also included in Waiting Area are 4 alcoves that are to the north of the main waiting area. These spaces are shown on A70.1 to have Gypsum Wall Board ceiling @ 9'-0" A.F.F.

**Question:** Masonry Veneer, Section 042613, Part 2.3, C, 5a indicates the use of a specific color "GF-410, Gypsum". This color is specific to Genest Concrete and Cannot be copied by any other manufacturer. If this color is any shade of "White", an approved equal will have to come from out of state. Please advise.

**Response:** This specific section of the specification has been updated. Please reference the updated change in this Amendment. With the color change from "Gypsum" to the updated specification section in this Amendment #6, "any shade of 'white'" is not an approved equal. The only location requirement is that the material shall meet the FTA "Buy America" requirements; a manufacturer outside of Maine is acceptable.

**Question:** Masonry spec calls for a Genest block with "Gypsum" color. This is very specific to Genest and other vendors may not be able to supply it particularly if it is a White shade. Spec says "or approved equal", can we find out what the other options are?

**Response:** This specific section of the specification has been updated. Please reference the specification change in this Amendment that made a change to the block color. The color is darker and not a white shade. The manufacturer is noted with "or approved equal". If you have another manufacturer you would like to use please submit a substitution request so the product can be reviewed. The product must also comply with all specifications and contract requirements.

**Question:** On the drawings page A50.1 detail A5 it calls for Metal Flashing w/ drip run up wall 16" min... but in the 042613 masonry veneer specs. Under 2.6A.1 It calls for it to be extended at least 3" into wall, and doesn't specify length up wall. Please clarify the flashing. We can get a price for flashing that goes up wall 16" but it will be expensive and it seems excessive because the block only go up 24".

**Response:** The Special Provisions 042613 Masonry Veneer, Section 2.6-A specification is correct. The detail should include a minimum 3" metal flashing with drip edge set in a bed of

mastic with flexible flashing running up the wall and adhered to the top of the metal flashing with drip edge.

**Question:** Section 042613, Part 2.6, A, 1, indicates the use of a standard stainless Dripedge, 3" wide and a 1/2" drip (this product always incorporates flexible flashing). Plan drawing A50.1/A5 indicates the metal flashing w/ drip running up the wall 16" behind insulation along with flexible flashing. Please verify.

**Response:** Please reference similar question above and response.

**Question:** Will the glaziers carry the 3 - 24x36 mirrors? If so, are they drawing a bevel (1") or j-channel?

**Response:** Please refer to Changes noted at the beginning of this Amendment, including a revisions to the specification 102800, specifically the WA-6 Mirror Unit.

**Question:** C102 shows 5' composite fence, the bid form calls for 25 LF chain link fence. Please clarify.

**Response:** Reference Amendment #6 for Chain Link Fence- 5 ft high under Pay Item 607.18 and Chain Link Fence Gate under Pay Item 607.23. See C102, Amendment #6, for revised Fence information.

**Question:** Please advise where pavement marking/ section 321723 should go on bid form

**Response:** Reference revised Schedule of Values and Schedule of Items, Amendment #6, for Pay Item 627.75- White or Yellow Pavement & Curb Marking. Pay Unit shall be in Lump Sum.

**Question:** The telephone conduits coming across the parking lot are they part of Category 2 or do we just include them under the base bid for the building?

**Response:** The underground telephone conduits and electrical cable are part of the base bid for the DATC contract and is included as Pay Item 626.22 in the revised Schedule of Values and Schedule of Items in Amendment #6. Category 2 is no longer part of this contract.

**Question:** The Site Plans show a Landscape Area without any other information. The Schedule of Items 621.003 indicates a lump sum with plant group, see 6-75; however, no direction is provided. Please advise.

**Response:** Reference Amendment #6 for Special Provisions Specification Section 621.10- Landscape, revised C102 identifying landscaping and revised Schedule of Values and Schedule of Items.

**Question:** We don't see a wage classification for steel erector. (We see "metal building "erector). Please advise wage for steel erector.

**Response:** If there is a need for any additional wage rate classifications that are not included in the bid documents, those will be determined with MaineDOT following standard procedures after award of the contract.

**Question:** In the base bid it shows the new 8' water main coming off of the existing 12" main. Would you please supply a detail of the connection required? Will the Auburn Water District be doing a shutdown for this connection?

**Response:** Not applicable- Category 2 is no longer part of this contract.

**Question:** There are no gate valves shown in the new 8" or 2" mains at all. Is this correct?

**Response:** Not applicable- Gate Valves are no longer part of this contract.

**Question:** The wet tap item in the Transportation Center portion of the schedule of values is for a 1" tap, but only the 2" line previously asked about. Please clarify which is correct size for tap.

**Response:** Not applicable- Wet tap is no longer part of this contract.

**Question:** There is a 2" water line shown but no pay item for it. How will that be paid for as well? Also clarify the type of pipe to be used? Also, where is the 1" copper service item to be used (Item 625.082)? I do not see it anywhere on the plans.

**Response:** The Water Line is a 2" water line and is identified in Pay Item item 625.086. Disregard the 1" copper line, item 625.082. Reference revised Schedule of Values and Schedule of Items in Amendment #6.

**Question:** On Sheet S2.1, the Typical Slab on Grade Details do not give a thickness of the structural fill to be placed beneath the 4" slab. Please clarify the thickness and type of material to be used as structural fill for the slab and foundation walls.

**Response:** Use 12" thick compacted soil beneath the structural slab. Aggregate subbase shall meet the requirements of MDOT Standard Specifications Section 703.06 Aggregate for Base and Subbase – Grading D. All Backfill, not otherwise specified, shall be Granular Borrow and shall meet the requirements of Section 703.19 Granular Borrow. See Amendment #6 Special Provisions Specifications Section 011010, Pay Item 815.00 Building – Structural Division for Lump Sum Pay Item which includes foundation, foundation walls, excavation, structural fill, backfill for foundation walls, compaction, and 6-inch underdrain with outlet pipe with connection to catch basin.

**Question:** Please clarify what is meant by "pavement patching" as called out on sheets C101/C102 of the plans.

**Response:** Provide ancillary pavement and patching per the Special Provisions Section 321216 Asphalt Paving Section 3.2 to restore cut-out sections of pavement disturbed by

construction. Reference C102 and C200, Amendment #6, for Pavement Limits of Work and revised Typical Paving Section.

**Question:** Please clarify where Typical Paving Section detail on Sheet C200 is to be used. Also this detail calls out both Type A gravel and Type D gravel but there is not item for the Type D gravel in the Schedule of Value. How will the type D gravel be paid for?

**Response:** Reference revised Typical Paving Section detail on C200, Amendment #6, which utilizes Existing Base and Subbase Course rather than Type A and Type D gravel. This detail shall be used for all pavement installed on this project. Reference revised Typical Underground Pipe Trench detail on C200, Amendment #6, which utilizes Type A gravel and Type D gravel over the pipe trench; Item 304.10 has been added to Schedule of Values and Schedule of Items in Amendment #6 to include Type D gravel.

**Question:** In the Schedule of Values there is only one paving item called out, 403.208. Is this one item to be used for all pavement mix types? If it is, please verify that the quantities you have listed (204 tons total) are enough to pave all of the areas shown plus the utility trench.

**Response:** Item 403.207 shall be used for 2½" bituminous concrete 19 mm and Item 403.211 shall be used for surface 2" bituminous concrete 9.5 mm. Updated quantities for each are shown in the revised Schedule of Values and Schedule of Items in Amendment #6.

**Question:** The Underground Pipe Trench Detail shown on Sheet C201 has different pavement thicknesses shown than the Typical Pavement Detail. Please Clarify with thicknesses are correct. Also as with question #2, Type D gravel is shown in the detail but there is no pay item in the Schedule of Values.

**Response:** Pavement thicknesses in the Typical Paving Section detail are correct. Reference revised Underground Pipe Trench Detail for revised pavement thicknesses and Typical Paving Section for other modifications, both on Drawing C200 in Amendment #6. Item 403.207 shall be used for 2½" bituminous concrete 19 mm and Item 403.211 shall be used for surface 2" bituminous concrete 9.5 mm. Updated quantities for each are shown in the Schedule of Values and Schedule of Items in Amendment #6.

**Question:** Also in the Underground Pipe Trench Detail, the type of compacted backfill used is determined by the classification of the pipe installed. Please clarify what is going to be considered flexible pipe vs rigid pipe. Also if sand is to be used for backfilling, is it to be used as bedding as well?

**Response:** Rigid piping is rigid and cannot be altered or bent (ex. SDR 35 or metal), flexible pipe can be bent (drainage pipe). Sand is to be used in backfilling as well as bedding. Pay item for compacted backfill and/or sand shall be included within the various utility pay items. Reference Amendment #6 for revised Schedule of Values and Schedule of Items.

**Question:** Please check the quantity for Item 304.14 "Aggregate Base Course Type A" and clarify where it is to be used.

**Response:** Aggregate Base Course Type A is to be used beneath concrete walkways and above Typical Underground Pipe Trench Detail as indicated on C200 in Amendment #6. Reference revised Schedule of Values and Schedule of Items for updated quantities.

**Question:** Please clarify where item 203.35 "Crushed Stone ¾" is to be used. Is it just for pipe bedding? Also please consider allowing crushed stone that meets the gradation for Type C Underdrain stone to be allowed for use on the project.

**Response:** Crushed stone shall be used for pipe bedding at flexible drainage pipe as well as any over-excavation that occurs. Type C for Underdrain is acceptable. Pay item for this material is included within various Utility Pay Items, see Amendment #6 for revised Schedule of Values and Schedule of Items.

**Question:** Is the Contractor or the Auburn Water District doing the wet tap. Also is the contractor supplying all of the water materials or does the contractor have to purchase all water materials through the Auburn Water District?

**Response:** The Wet Tap is no longer part of this contract. The contractor does not need to purchase Water Materials through the Auburn Water District.

**Question:** Please clarify type of pipe allowed under Item 625.125 "8" Non-metallic Pipe".

**Response:** Not applicable- Category 2 is no longer part of this contract.

**Question:** Please clarify the limits of Item 202.127 both in the base bid and the Transportation Center portion of the Schedule of Values. How is pavement removed under this to be removed, by excavator or other means such as milling or reclaiming?

**Response:** Reference shaded area on C102 for Pavement Limits of Work. Pay Item Unit is Lump Sum. Category 2 is no longer part of this contract and not applicable. Pavement can be removed by sawcutting and excavator or sawcutting and milling or reclaiming.

**Question:** Please clarify where Item 203.20 "Common Excavation" is to be used and the pay limits for the item in both the base bid and the Transportation Center portion of the schedule of values.

**Response:** Item 203.20 Common Excavation is to be used for all excavations associated with the concrete walkway and landscape. Excavation for the building shall be included in Special Provisions Specifications Section 011010, Pay Item 815.00 Building – Structural Division (Amendment #6). Excavation for the utility trenches shall be included within various Utility Pay Items. The Typical Paving Detail on C200, Amendment #6, no longer requires box cutting. See Amendment #6 for revised Schedule of Values and Schedule of Items.

**Question:** Please clarify where Item 203.24 “Common Borrow” is to be used and the pay limits for the item in both the base bid and the Transportation Center portion of the schedule of values.

**Response:** Reference revised Schedule of Values and Schedule of Items in Amendment #6. Common Borrow for utility trenches shall be included within various Utility Pay Items. Pay Item 203.24 includes Common Borrow for ancillary work as approved by LATC prior to construction.

**Question:** Please clarify where Item 206.082 “Structural Earth Excavation-Major Structures, Plan Quantity” is to be used. Also please supply pay limits for this item.

**Response:** Item 206.082 Structural Earth Excavation-Major Structures is not applicable. See updated Schedule of Values and Schedule of Items in Amendment #6.

**Question:** You have listed two separate items for 203.200. One is called out as site grading and the other is soil backfill and compaction. Are both items supposed to have the same number? Also please clarify the limits of the items and what is included under each item.

**Response:** Site Grading and/or backfill and compaction are already included with other Pay Items such as Paving, Concrete Sidewalk, and Special Provisions Specifications Section 011010 Pay Item 815.00 Building – Structural Division (Amendment #6). Pay Items 203.200 Site Grading and 203.200 Soil Backfill and Compaction are no longer included in the updated Schedule of Values and Schedule of Items, Amendment #6.

**Question:** Please clarify where Item 203.220 “Unclassified Excavation (Trench Footings) is to be used and what is included in that item.

**Response:** Pay Item 203.220 Unclassified Excavation (Trench Footings) is not included in the revised Schedule of Values and Schedule of Items, Amendment #6. Excavation is already included with other Pay Items such as Utility Trenches and Special Provisions Specifications Section 011010 Pay Item 815.00 Building – Structural Division (Amendment #6). See updated Schedule of Values and Schedule of Items in Amendment #6.

**Question:** Under which item or items shall the new underground electrical/ telecommunications be carried in and paid for?

**Response:** The Pay Item for the new underground electrical/ telecommunications is 626.22 Non-Metallic Conduit and the Pay Unit is in Linear Feet. All work including materials, labor and equipment associated with the installation of new underground electrical/ telecommunications shall be carried within this pay items. See updated Schedule of Values and Schedule of Items in Amendment #6.

**Question:** Sheet A25.1 shows a foundation drain along the front of the building. Is this the only foundation drain for the building? What is the size and type of the foundation and how shall it be paid for?

**Response:** Reference Structural Drawings S2.1 for typical 6" perimeter drain which runs around entire building, Reference Civil Drawings C101 and C102 for outlet pipe which connects to a catch basin. The underdrain, outlet pipe and connection to catch basin are included in Amendment #6- Special Provisions Specifications Section 011010 Pay Item 815.00 Building – Structural Division.

**Question:** Sheet C102 shows a run of 6" SDR 35 UD coming from the building and connecting to an existing catch basin. How shall this pipe be paid for? There is no item for it in the Schedule of Values.

**Response:** The underdrain, outlet pipe and connection to catch basin are included in Amendment #6- Special Provisions Specifications Section 011010 Pay Item 815.00 Building – Structural Division.

**Question:** At this time we would request that a pre-bid meeting be scheduled to review the project with all potential bidders to make sure that we are all on the same page and bidding apples to apples and also if need be reschedule the bid opening to allow for enough time to bid this project properly.

**Response:** Pre-bid meeting took place on July 29<sup>th</sup> at 10 am at AVCOG, 125 Manley Road in Auburn.

**Question:** How is pavement removal outside of Category 2 and the Transportation Center portion of the Schedule of Items being paid for? I am looking at the water/sewer/electrical trenches.

**Response:** Category 2 is no longer part of this contract. All work including materials, labor and equipment associated with the installation of new underground water/ sewer/ electrical trenches shall be carried within the various Utility Pay Items. See updated Schedule of Values and Schedule of Items in Amendment #6.

**Question:** In the Transportation Center of the Schedule of Items, Item 608.08 "Reinforced Concrete Sidewalk" has a quantity of 1,133 SY. Would you please verify the quantity and unit (SF/SY) of concrete sidewalk for that item?

**Response:** The quantity of concrete sidewalk for Item 608.08 is 1,133 SF.

**Question:** The exterior concrete sidewalks around the new building is roughly 1450 square feet. The schedule of values it call out 1133 square yards which is 10,197 square feet. What number should we use on SOV?

**Response:** The quantity of concrete sidewalk for Item 608.08 is 1,133 SF.

**Question:** The site drawing C102 calls out 1 new concrete tip down concrete sidewalk. Where is this included in schedule of values?

**Response:** Concrete sidewalk is included in the schedule of values as Pay Item 608.08.

**Question:** Is the project tax exempt?

**Response:** The General Contractor is responsible for all taxes, charges, fees and allowances necessary to execute the contract and the cost associated with the taxes, charges and fees and allowances are incidental to the contract. Most of items that are permanently incorporated into a City of Auburn project are exempt from Maine sales tax. The following list is an example of material that would be exempt from Maine sales tax: f

- Earthwork related purchases; gravel, stone, aggregate f
- Concrete and Pavement Mix f
- Steel Products; beams, railing and reinforcing f
- Precast Concrete Products; catch basins, manholes, wall segments and pipes f
- Pipes Products; underdrains, storm drains and misc. drainage pipes f
- Permanent signs; foundations, post and signs f
- Permanent Erosion Control Measures; Mulching, seeding and misc planting.

Whether material is or is not permanently incorporated into a City of Auburn project is the guideline used to determine if something is not exempt from Maine State Sales Tax. The following list has examples of material that would not be exempt from Maine Sales Tax:

- Tools; hand tools, survey equipment, air tools etc. f
- Equipment Cost; Any equipment purchased to perform the work f
- Equipment Maintenance Cost; Tires, grease, filters and other maintenance products f
- Cost of Temporary Structures; Concrete forms, scaffolding and walkways f
- Traffic Control Items; signs, cones and barrels f
- Onsite facilities; temporary office's, phones, faxes, tables, chairs etc.

In order for a contractor not to be assessed Maine state sales tax, the contractor must fill out a Contractor's Exempt Purchase Certificate and give it to the vendor and the vendor must keep this form on file to document that the transaction was exempt from Maine State Sales tax. Upon award of this contract, the contractor will be supplied with the City of Auburn's tax-exempt number.

**Question:** Are there filed sub bids or are the subcontractors bidding to general contractors?

**Response:** All bids are to be submitted by a general contractor. The general contractor is responsible for securing all required sub-contractors.

**Question:** Was the mandatory prebid for GC only?

**Response:** Yes. The pre-bid meeting held on July 29, 2015, was mandatory for only general contractors submitting bid proposals.

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**Question:** If for GC only, is there a list of bidding GC's?

**Response:** The attendance list for the mandatory pre-bid meeting is posted to the project website. [www.avcog.org/busstation](http://www.avcog.org/busstation)

**Question:** In section 102800 Toilet accessories would products manufactured by AJ Washroom Accessories be acceptable? All items are comparable to Bobrick models specified.

**Response:** There are many toilet bath accessories. Please supply AJW Architectural Products model numbers for each accessory you are proposing to substitute.

**Question:** There are corner guards shown on the drawings but I don't see any specifications for them. What type of corner guards would you like for this project?

**Response:** Please reference Amendment #6 for Special Provision Specification Section 102600 - Wall and Door Protection.

**Question:** RE: A10.1 note 7- please list equipment to be supplied by owner & installed by GC

**Response:** The owner will supply and install breakroom equipment after completion of the project.

SCHEDULE OF VALUES

Bid Item #	Item Name	Approximate Quantity	Approximate Unit
<b>BASE BID</b>			
202.127	Removing of Existing Bituminous Pavement	1	LS
202.128	Removing of Existing Curbs & Sidewalks	1	LS
203.20	Common Excavations	425	CY
203.24	Common Borrow	50	CY
304.10	Aggregate Subbase - Type D	263	CY
304.14	Aggregate Base Course - Type A	105	CY
403.207	Hot Mix Asphalt - 19 mm	75	Tons
403.211	Hot Mix Asphalt - 9.5 mm	60	Tons
607.18	Chain Link Fence- 5 ft high	25	FT
607.23	Chain Link Fence Gate	1	LS
608.08	Reinforced Concrete Sidewalk	1133	SY
609.11	Vertical Curb - Type 1 (Granite)	228	LF
621.10	Landscape - Plant Group see 6-75 of specs	1	LS
621.951	Bike Rack	1	LS
652.086	Water Service - 2 - inch Copper Tubing	82	LF
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
801.141	4-inch PVC Sanitary Sewer	60	LF
815.00	Building Architectural - Includes The Following:	1	LS
	Div 4: Masonry		
	Div 6: Wood and Carpentry		
	Div 7: Thermal Moisture Protection		
	Div 8: Doors and Windows		
	Div 9: Finishes + Walk-off Mat		
	Div 10: Specialties		
	Div 12: Furnishings	See Add Alternate #1 Furnishings	
	Div 12: Casework and Millwork		
815.00	Building Electrical (Reference Special Provisions Section 011010)	1	LS
815.00	Building Mechanical (Reference Special Provisions Section 011010)	1	LS
815.00	Building Structural (Reference Special Provisions Section 011010)	1	LS
	<b>END DOWNTOWN AUBURN TRANSPORTATION CENTER</b>		
	<b>END CATEGORY 2 + DOWNTOWN AUBURN TRANSPORTATION CENTER</b>		
<b>END OF BASE BID</b>			
<b>Add Alternate #1 Furnishing</b>			
815.00	Building Architectural - Includes The Following:	1	LS
	Div. 12: Furnishings		



## **DOWNTOWN AUBURN TRANSPORTATION CENTER**

**MaineDOT WIN 12326.00**  
**Federal Project Number ME03-0041**

### **SPECIAL PROVISIONS TABLE OF CONTENTS**

<b>SECTION #</b>	<b>DESCRIPTION</b>
104	UTILITIES
104.4	COMMUNICATION AND COORDINATION
104.5.5	GENERAL RIGHTS AND RESPONSIBILITIES
107	TIME
107	SCHEDULING OF WORK
107	PROJECT PAYMENT SCHEDULE
107	CONTRACT COMPLETION TIME
107.3	ALLOWABLE WORK TIME
107.9	PROJECT CLOSEOUT

#### **SPECIAL PROVISIONS- TECHNICAL**

401	HOT MIX ASPHALT PAVEMENT
403	HOT MIX ASPHALT PAVEMENT
<b>621.10</b>	<b>LANDSCAPE- AMENDMENT</b>
621.951	BIKE RACK
<del>625.125</del>	<del>8 INCH NON-METALLIC PIPE- AMENDMENT</del>
<del>625.160</del>	<del>8 INCH WATER TAP- AMENDMENT</del>
<b>815.00</b>	<b>SEE SECTION 011010 - AMENDMENT</b>

#### **MaineDOT SUPPLEMENTAL SPECIFICATION (REPAIR SPEC)**

Note: The specifications above are to be used with the State of Maine Department of Transportation Standard Specifications, November 2014 Edition. These specifications can be found on the MaineDOT website or purchased in book form from the Department.

<b>011010</b>	<b>SUMMARY OF BUILDING SPECIFICATIONS- AMENDMENT</b>
033000	CAST-IN-PLACE CONCRETE
042613	MASONRY VENEER
047200	CAST STONE MASONRY
051200	STRUCTURAL STEEL FRAMING
052100	STEEL JOIST FRAMING

053100	STEEL DECKING
054000	COLD-FORMED METAL FRAMING
061000	ROUGH CARPENTRY
064000	ARCHITECTRAL WOODWORK
072100	BUILDING INSULATION
072713	MODIFIED BITUMINOUS SHEET AIR BARRIERS
074100	CORRUGATED METAL WALL PANELS
074213.53	METAL SOFFIT PANELS
074213	EXTERIOR WALL PANELS AND SYSTEMS
075323	ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING
076200	SHEET METAL FLASHING AND TRIM
079200	JOINT SEALANTS
081113	HOLLOW METAL FRAMES
081416	FLUSH WOOD DOORS
084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
087100	DOOR HARDWARE
087113	AUTOMATIC DOOR OPERATORS
088000	GLAZING
092950	GYPSUM BOARD ASSEMBLIES
095123	ACOUSTICAL TILE CEILINGS
096513	RESILIENT BASE AND ACCESSORIES
096813	TILE CARPETING
099000	PAINTING
102113	TOILET COMPARTMENTS
<b>102600</b>	<b>WALL AND DOOR PROTECTION- AMENDMENT</b>
<b>102800</b>	<b>TOILET ACCESSORIES- AMENDMENT</b>
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129300	SITE FURNISHINGS
220500	COMMON WORK RESULTS FOR PLUMBING
220519	METERS AND GAGES FOR PLUMBING PIPING
220523	GENERAL-DUTY VALVES FOR PLUMBING PIPING
220529	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
220553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
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221119	DOMESTIC WATER PIPING SPECIALTIES
221316	SANITARY WASTE AND VENT PIPING
221319	SANITARY WASTE PIPING SPECIALTIES
223300	ELECTRIC, DOMESTIC WATER HEATERS
224000	PLUMBING FIXTURES
224700	DRINKING FOUNTAINS
230500	COMMON WORK RESULTS FOR HVAC
230593	TESTING, ADJUSTING AND BALANCING HVAC
230713	DUCT INSULATION
233113	HVAC DUCTS
233300	AIR DUCT ACCESSORIES

233700	AIRE OUTLETS AND INLETS
234100	PARTICULATE AIR FILTRATION
238130	VARIABLE-REFRIGERANT-FLOW AIR CONDITIONING SYSTEMS
238200	CONVECTION HEATING AND COOLING UNITS
260010	BASIC ELECTRICAL REQUIREMENTS
206011	CONDUIT
260123	WIRE AND CABLE
260130	BOXES
260141	WIRING DEVICES
260149	LIGHTING CONTROL SYSTEM
260170	GROUNDING AND BONDING
260180	EQUIPMENT WIRING
260195	ELECTRICAL IDENTIFICATION
260420	SERVICE ENTRANCE
260440	DISCONNECT SWITCHES
260470	PANELBOARDS
260510	LUMINAIRES
260535	EMERGENCY LIGHTING EQUIPMENT
312000	EARTH MOVING
321216	ASPHALT PAVING
321313	CONCRETE PAVING
321723	PAVEMENT MARKINGS
330500	COMMON WORK RESULTS FOR UTILITIES
334100	STORM UTILITY DRAINAGE PIPING

APPENDIX A – LAP ENVIRONMENTAL SUMMARY SHEETS

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**SPECIAL PROVISION**  
**SECTION 621.10**  
**LANDSCAPING**

The provisions of Section 621 of the "State of Maine, Department of Transportation, Standard Specifications, November 2014 Edition: shall apply with the following additions:

**DESCRIPTION**

Provide all materials, equipment and labor associated with landscaping scope of work.

**METHOD OF MEASUREMENT**

- (8) Bar Harbor Juniper (2 gal)
- (6) Azalea (2-3 gal)
- (3) Rhododendron "Nova Zembla" (3-5 gal)
- (1) Paper Bark Maple (2 ½-3 ½)
- (14) Stella D'Ora Daylillies (1 gal)
- (1) Crabapple 2"-3" Sargentii
- (3) Viburnum "Mapleleaf" or "Judii" (3-5 gal)
- (5) Purple Fountain Grass (3 gal)
- Annual Flower Bed

**BASIS OF PAYMENT**

Lump Sum for labor, materials and equipment to provide and install plantings and mulch bed.

Payment will be made under:

**PAY ITEM**

621.10	Landscaping	Lump Sum
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**SPECIAL PROVISION**  
**SECTION 011010**  
**SUMMARY OF BUILDING SPECIFICATIONS**

All work and materials shall conform to the “State of Maine, Department of Transportation, Standard Specifications, November 2014 Edition. Due to the inclusion of architectural components in this project, namely a proposed building, the outline of these specifications follows the CSI format with references to the Standard Specifications where applicable. Where architectural, mechanical, structural or electrical specifications do not exist in the Standard Specifications, a specification has been created to address the construction element, which is then given a unique Pay Item number from the 800 series of the Standard Specifications.

**Description**

The Downtown Auburn Transportation Center project (WIN 012326.00) consists of a 1400 sq.ft. one-story building to serve as a bus station in Auburn, Maine. The bus station is located in the Great Falls Plaza, north of Great Falls Road, south of Maine Central Railroad and northwest of the Esplanade and Auburn Housing Authority. The Bus Station provides an enclosed waiting area that includes women’s and men’s bathrooms, a driver break room with a private bathroom, and a utility room. FTA funds will be utilized for the construction of the building.

**Materials**

All backfill, not otherwise specified, shall be Granular Borrow and shall meet the requirements of Section 703.19 Granular Borrow.

Gravel borrow used for bedding for the footings shall meet the requirements of Section 703.20 Gravel Borrow.

Aggregate Subbase shall meet the requirements of Standard Specification, Section 703.06 Aggregate for Base and Subbase – Grading D.

**Construction**

All work shall meet the requirements of governmental agencies having jurisdiction and comply with applicable standards and codes. The Contractor shall submit two (2) copies of shop drawings to the LATC for review at least fifteen (15) days prior to incorporation into the work. Shop drawings may be submitted as pdf files if mutually agreeable to the LATC and the Contractor. Shop drawings shall be approved prior to incorporation into the work.

Excavation shall meet the requirements of Section 203 Excavation and Embankment.

When the structure is to rest on an excavated surface other than rock, special care shall be taken not to disturb the bottom of the excavation. If the surface upon which the structure is to rest is disturbed, it shall be regraded and re-compacted to the extent directed by the LATC.

Placing of gravel borrow used for bedding for the footings shall meet the requirements of Standard Specification, Section 206, Structural Excavation.

Backfilling shall meet the requirements of Section 203 Excavation and Embankment. Backfilling shall consist of placing suitable material in all spaces not occupied by structures up to the elevation of the existing ground or other elevations shown on the plans or designated. Backfill material shall be granular borrow or other material designated on the plans and shall be at or near optimum moisture content and shall not contain stones larger than 3 in, frozen lumps, chunks of clay, mineral matter or any other objectionable matter.

Unless otherwise approved the material shall be deposited and spread upon compacted material in full width layers not more than 8 inches in depth, loose measure. Sand or gravel soils shall be compacted by vibratory type compaction equipment or by pneumatic tired equipment and, if necessary, by the addition of water. The compacting operations shall be continued until each layer is satisfactorily compacted to its full depth and width.

Unless otherwise indicated on the plans or directed, all sheeting and bracing used during structural excavation shall be removed by the Contractor following the completion of the work, and all voids resulting from use of the sheeting and bracing backfilled where necessary.

Subgrades shall be promptly graded and rolled to minimize absorption of water. When excavating results in a subgrade of unsuitable soil, LATC may require the Contractor to remove the unsuitable material and backfill the area with approved material.

Placing and compacting of Aggregate Subbase shall meet the requirements of Standard Specification, Section 304 Aggregate Base and Subbase Course.

#### Variations from Materials Specified

Whenever and wherever items have been identified by describing a proprietary product, such identification is intended to be descriptive, but not restrictive, and is used to indicate the quality and characteristics of products that are satisfactory. Bids shall be considered as offering the item specified in the Invitation for Bid and shall adhere to all FTA Buy America requirements. LATC will consider all alternates submitted by the Contractor, but is not bound to accept any which, in its opinion, is not in LATC's best interest and are determined by LATC to be of equal value in all material respects to the proprietary items specified. The evaluation of and determination as to equality of the product offered shall be the responsibility of LATC and will be based on information furnished by the

Contractor, as well as information reasonably available to the purchasing activity.

### Quality and Standards

Materials and manufactured products incorporated into the work shall be new unless otherwise specified, free from defect, and in conformity with the contract. When material is fabricated or treated with another material or where any combination of materials is assembled to form a finished product, any or all of which are covered by specifications, LATC may reject the finished product if any of the components do not comply with the specifications. LATC may reject materials not conforming to the Specifications at any time, and the Contractor shall remove them immediately from the project site unless otherwise instructed by LATC.

If there is no applicable standard set forth in this contract for particular Work, then the Contractor shall perform that Work in accordance with industry standards prevailing at the time of bid. If LATC determines that Work is non-conforming, the Contractor shall remove, replace, or otherwise correct all unacceptable work as directed by LATC at the expense of the Contractor, without cost or liability to LATC.

### Submittals

The Contractor shall submit manufacturers' specifications, product data and installation instructions for all items furnished. The Contractor shall not be relieved of responsibility for any deviation from the requirements of the specifications unless the contractor has specifically informed LATC in writing of such deviation at the time of submission and LATC has given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions. No portion of the work shall be commenced until LATC has approved the submittal.

### Delivery, Storage, and Handling

- Store materials off the ground and protected from the weather.
- Deliver products in manufacturers' original containers, dry, undamaged, with seals and labels intact.

### Installation

- Installation, handling and storage of all materials shall comply with manufacturer's instructions and recommendations.
- The Contractor shall make provisions to allow safe access to the work for LATC in order to inspect the work, facilitate ongoing inspection of the work and to measure the work for payment purposes.
- Complete installation to provide weather tight service.
- Completed installation for the roof shall conform, to all applicable National, State and local codes

#### Contractor's Safety Program

Contractor must submit an acceptable Contractor's Safety Plan to LATC prior to Contract award. The Contractor shall designate which portions such submissions it considers confidential business information. If such program is revised during the Contract Time, the Contractor shall provide the updated program to LATC. The Contractor shall comply with its safety program and the Standard Specifications. The Contractor shall be responsible for all claims or damages arising from failure to so comply and indemnifies and holds harmless the LATC from all claims and damages arising from such non-compliance.

The contractor shall be responsible for the safety of all operations in connection with the Contract and shall take all necessary actions to ensure the safety of all persons who may be in, on or adjacent to the Site. The Contractor shall perform Work in a manner that is in compliance with the Contractor's Plan, an applicable OSHA requirements, and established safety practices.

Failure by the Contractor to comply with the Contractor's Plan or an applicable OSHA requirement or to follow all established safety practices pertaining to the work being performed, will result in the immediate suspension of Work on the entire project until all unsafe practices are corrected and comply with the applicable requirements, standard or practice.

#### Environmental Requirements and Waste Materials

Excavation is expected to include deleterious materials such as asphalt pavement. This excavation shall not be reused by the Contractor. The Contractor shall stockpile the excavation material on site as directed by the Department.

All waste materials shall be removed and disposed of in accordance with all federal, state, and local laws.

All materials removed from the site shall be the property of the contractor. Sale of these materials on site, and removal by persons other than the contractor or his personnel, shall be at the risk of the contractor. Once the contract is signed, responsibility for the safety of the public within the confines of the project shall be the responsibility of the contractor. The contractor shall be responsible for any and all materials dropped from his trucks distant from the project. The contractor shall make his own arrangement for disposal of materials taken from the site, and there will be no burning of materials on or adjacent to the site.

#### Hazardous Materials

If the Contractor encounters any condition that indicates the presence of uncontrolled petroleum or hazardous Materials, the Contractor shall immediately stop Work, notify LATC, treat any such conditions with extreme caution, and secure the area of potential hazard to minimize health risks to Workers and the public, and to prevent additional releases of contaminants into the environment. Such conditions include the presence of barrels, tanks, unexpected odors, discoloration of soil or water, an oily sheen on soil or

water, excessively hot earth, smoke, or any other condition indicating uncontrolled petroleum or hazardous Materials. The Contractor shall continue Work in other areas of the Project unless otherwise directed by the LATC. The Contractor shall comply with all federal, State, and local laws concerning the handling, storage, treatment, and disposal of uncontrolled petroleum or hazardous material.

#### Permits, Fees, and Notices

The Contractor shall also acquire, at its sole expense, all licenses, Permits and other permissions that are necessary, appropriate and legally required to perform the Work. The contractor shall give all notices and comply with all laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the performance of the work. If the contractor performs any work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to LATC, he shall assume full responsibility therefore and shall bear all cost attributable thereto.

#### Closeout Procedures

The Contractor shall make final changeover of permanent locks and deliver keys to Department, and complete final cleaning requirements, including touchup painting, touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.

#### Final Cleaning

The Contractor shall clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program and comply with manufacturer's written instructions.

1. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and other foreign substances.
2. Sweep paved areas broom clean. Remove petrochemical spills, stains, and other foreign deposits.
3. Remove tools, construction equipment, machinery, and surplus material from Project site.
4. Remove snow and ice to provide safe access to building.
5. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.
6. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics, and similar spaces.
7. Sweep concrete floors broom clean in unoccupied spaces.
8. Remove labels that are not permanent.
9. Touch up and otherwise repair and restore marred, exposed finishes and surfaces. Replace finishes and surfaces that cannot be satisfactorily repaired or restored or that already show evidence of repair or restoration.

10. Do not paint over "UL" and similar labels, including mechanical and electrical nameplates.
11. Wipe surfaces of mechanical and electrical equipment, and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
12. Replace parts subject to unusual operating conditions.

#### Closeout Documentation

The following documents shall be added to the required list of closeout documentation:

- Project Record Drawings
- Warranties
- Maintenance & Operations Manual

The Contractor shall prepare and submit Project Record Documents, operation and maintenance manuals, and similar final record information.

#### Warranty

The Contractor shall guarantee work for one (1) year from date of Final Acceptance by LATC. The Physical Work must be Complete and in Conformity with the Contract and the Closeout Documentation, exclusive of the All Bills Paid and Request for Final Payment Letters, in order for LATC to finally "accept" the Project. All defects, including leaks occurring during guarantee period, shall be corrected without cost to the Owner. The contractor unconditionally warrants and guarantees to LATC that all work will be of good quality, free from faults and defects, and in conformance with the specification. All work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by LATC, the contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If LATC discovers any warranty defects during the warranty period, the Contractor agrees to perform all remedial work, at no additional cost or liability to LATC. Remedial Work will be completed within two weeks unless a more immediate response is required for safety or convenience, as determined by LATC.

The Contractor agrees that the warranty obligations provided by this Contract shall be reported as an outstanding obligation in the event of bankruptcy, dissolution, or the sale, merger, or cessation of operations of the Contractor.

#### Operations and Maintenance Manual

The Contractor shall prepare operation and maintenance manuals, including the following:

- Emergency data
- Operation data for systems, subsystems, and equipment
- Maintenance data for the care and maintenance of systems and equipment

**PAY ITEM**

Pay Items for the proposed building shall be condensed into Civil Pay Items plus the four items shown below for simplicity in bidding plus an Add Alternate #1. The Contractor shall note Special Provisions, including Section 104, and FTA Contract Requirements which identifies the various components to be included in each of the items.

815.00      **Building – Architectural**                      **LUMP SUM**

Division 04 - Masonry  
Division 06 - Wood and Carpentry Division  
Division 07 - Thermal Moisture Protection  
Division 08 - Doors and Windows  
Division 09 - Finishes  
Division 10 - Specialties  
Division 12 - Casework and Millwork

815.00      **Building – Electrical**                      **LUMP SUM**

Division 26 - Electrical

815.00      **Building - Mechanical**                      **LUMP SUM**

Division 22 - Plumbing Division 23 – HVAC  
Includes Structural Concrete Mechanical Equipment Pad

815.00      **Building – Structural Division**                      **LUMP SUM**

03 - Concrete Division  
05 - Structural Steel  
Includes work, materials, labor and equipment associated with construction of building including foundation, foundation walls, excavation, structural fill, backfill for foundations walls, compaction, 6-inch underdrain with outlet pipe and connection to catch basin.

**Building – Civil**

Reference Schedule of Values and Schedule of Items

**ADD ALTERNATE #1**

815.00      **Building – Furnishings**                      **LUMP SUM**

Division 12 - Furnishings

**SPECIAL PROVISION**  
**SECTION 102600**  
**WALL AND DOOR PROTECTION**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. Section Includes:
  - 1. Corner guards.
- B. Related Requirements:
  - 1. Division 06 Section "Rough Carpentry" for concealed wood blocking in gypsum board assembly walls.

**1.3 ACTION SUBMITTALS**

- A. Product Data: For each type of product.
  - 1. Include construction details, material descriptions, impact strength, dimensions of individual components and profiles, and finishes.
- B. Shop Drawings: For each type of wall protection showing locations and extent.
- C. Samples for Verification: For each type of exposed finish on the following products, prepared on Samples of size indicated below:
  - 1. Corner Guards: 12 inches long.

**1.4 INFORMATIONAL SUBMITTALS**

- A. Sample Warranty: For special warranty.

**1.5 CLOSEOUT SUBMITTALS**

- A. Maintenance Data: For each type of wall and door protection product to include in maintenance manuals.

1. Include recommended methods and frequency of maintenance for maintaining best condition of covers under anticipated traffic and use conditions. Include precautions against using cleaning materials and methods that may be detrimental to finishes and performance.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.
- B. Material must be stored in a horizontal position.

#### 1.7 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of wall- and door-protection units that fail in materials or workmanship within specified warranty period.
  1. Failures include, but are not limited to, the following:
    - a. Structural failures including detachment of components from each other or from the substrates, delamination, and permanent deformation beyond normal use.
    - b. Deterioration of metals, metal finishes, plastics, and other materials beyond normal use.
  2. Warranty Period: 1 year from date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Source Limitations: Obtain wall protection products from single source from single manufacturer.

#### 2.2 PERFORMANCE REQUIREMENTS

- A. Surface Burning Characteristics: Comply with ASTM E 84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  1. Flame-Spread Index: 25 or less.
  2. Smoke-Developed Index: 450 or less.

#### 2.3 CORNER GUARDS

- A. Surface-Mounted, Metal Corner Guards: Fabricated as one piece from formed or extruded metal with formed edges; with 90-degree turn to match wall condition.
  1. Manufacturers:

- a. Construction Specialties, Inc – Model CO-8, or approved equal (Basis of Design)
  - b. Babcock-Davis
  - c. Korogard Wall Protection Systems a division of RJF International Corporation
2. Material: Stainless-steel sheet, Type 304.
    - a. Thickness: Minimum 0.0625 inch (1.6 mm).
    - b. Finish: Directional satin, No. 4.
  3. Wing Size: Nominal 3-1/2 by 3-1/2 inches (90 by 90 mm).
  4. Corner Radius: 1/8 inch (3 mm).
  5. Mounting: Flat-head, countersunk screws through factory-drilled mounting holes.

## 2.4 FABRICATION

- A. Fabricate wall and door protection according to requirements indicated for design, performance, dimensions, and member sizes, including thicknesses of components.
- B. Factory Assembly: Assemble components in factory to greatest extent possible to minimize field assembly. Disassemble only as necessary for shipping and handling.
- C. Quality: Fabricate components with uniformly tight seams and joints and with exposed edges rolled. Provide surfaces free of wrinkles, chips, dents, uneven coloration, and other imperfections. Fabricate members and fittings to produce flush, smooth, and rigid hairline joints.

## 2.5 FINISHES

- A. Protect finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates and wall areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Examine walls to which wall and door protection will be attached for blocking, grounds, and other solid backing that have been installed in the locations required for secure attachment of support fasteners.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Complete finishing operations, including painting, before installing wall and door protection.
- B. Before installation, clean substrate to remove dust, debris, and loose particles.

3.3 INSTALLATION

- A. Installation Quality: Install wall and door protection according to manufacturer's written instructions, level, plumb, and true to line without distortions. Do not use materials with chips, cracks, voids, stains, or other defects that might be visible in the finished Work.

3.4 CLEANING

- A. Immediately after completion of installation, clean material in accordance with manufacturer's recommended cleaning method.
- B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

END OF SECTION 102600

**SPECIAL PROVISION**  
**SECTION 102800**  
**TOILET ACCESSORIES**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. Section Includes:
  - 1. Public-use washroom accessories.
  - 2. Under lavatory guards.
  - 3. Custodial accessories.
- B. Related Requirements:
  - 1. Division 22 "Plumbing" for under-counter sink piping.
  - 2. Section 061000 "Rough Carpentry" for wood blocking requirements
  - 3. Section 092950 "Gypsum Board Assemblies" for gypsum wall board.

**1.3 COORDINATION**

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

**1.4 ACTION SUBMITTALS**

- A. Product Data: For each type of product.
  - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
  - 2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
  - 3. Include electrical characteristics.
- B. Samples: Full size, for each exposed product and for each finish specified.
  - 1. Approved full-size Samples will be returned and may be used in the Work.

- C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
  - 1. Identify locations using room designations indicated.
  - 2. Identify accessories using designations indicated.

#### 1.5 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For manufacturer's special warranty.

#### 1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For accessories to include in maintenance manuals.

#### 1.7 WARRANTY

- A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, visible silver spoilage defects.
  - 2. Warranty Period: 15 years from date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

#### 2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Source Limitations: Obtain public-use washroom accessories from single source from single manufacturer.
- B. Toilet Tissue (Roll) Dispenser WA-1, Vandal-Resistant Type:
  - 1. Manufacturers:
    - a. Bobrick B-6867 (Basis of Design), **or approved equal**
    - b. Bradley Corp.
  - 2. Description: Double-roll dispenser.
  - 3. Mounting: Surface mounted.
  - 4. Operation: Controlled delivery with self-locking spindle.
  - 5. Capacity: Designed for 4-1/2 inch diameter tissue rolls.
  - 6. Material and Finish: Heavy-gauge chrome-plated steel with bright polished finish.
- C. Combination Towel (Folded) Dispenser/Waste Receptacle WA-2:
  - 1. Manufacturers:
    - a. Bobrick B-3942 (Basis of Design), **or approved equal**

- b. Bradley Corp.
  2. Description: Combination unit for dispensing C-fold or multifold towels, with removable waste receptacle.
  3. Mounting: Semi-Recessed.
  4. Minimum Towel-Dispenser Capacity: 600 C-fold or 800 multifold paper towels.
  5. Minimum Waste-Receptacle Capacity: 12 gal. (11.3 L).
  6. Material and Finish: Stainless steel, No. 4 finish (satin).
  7. Liner: Reusable, vinyl waste-receptacle liner.
  8. Lockset: Tumbler type for towel-dispenser compartment.
- D. Liquid-Soap Dispenser WA-3:
1. Manufacturers:
    - a. Bobrick
    - b. Bradley, Corp Model 6334 (Basis of Design), **or approved equal**
  2. Description: Designed for dispensing antibacterial soap in liquid or lotion form.
  3. Mounting: Deck mounted on vanity.
  4. Capacity: 16 oz.
  5. Materials: Buna-N rubber valve. Polyethylene reservoir.
  6. Lockset: Tumbler type.
  7. Refill Indicator: Window type.
- E. Grab Bar WA-4:
1. Manufacturers:
    - a. Bobrick, **or approved equal**
    - b. Bradley, Corp.
  2. Mounting: Flanges with concealed fasteners.
  3. Material: Stainless steel, 0.05 inch (1.3 mm) thick.
    - a. Finish: Smooth, No. 4 finish (satin) on ends and slip-resistant texture in grip area.
  4. Outside Diameter: 1-1/2 inches (38 mm).
  5. Configuration and Length: Straight, 36 inches (914 mm) long.
- F. Grab Bar WA-5:
1. Manufacturers:
    - a. Bobrick, **or approved equal**
    - b. Bradley, Corp.
  2. Mounting: Flanges with concealed fasteners.
  3. Material: Stainless steel, 0.05 inch (1.3 mm) thick.
    - a. Finish: Smooth, No. 4 finish (satin) on ends and slip-resistant texture in grip area.
  4. Outside Diameter: 1-1/2 inches (38 mm).
  5. Configuration and Length: Straight, 42 inches (914 mm) long
- G. Mirror Unit WA-6:
1. **Manufacturers:**
    - a. **Bobrick B-2908 2436 (Basis of Design), or approved equal**
    - b. **Bradley, Corp.**
  2. Hangers: Produce rigid, tamper- and theft-resistant installation, using method indicated below.

- a. Wall bracket of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
3. Size: As indicated on Drawings.

## 2.3 CUSTODIAL ACCESSORIES

- A. Source Limitations: Obtain custodial accessories from single source from single manufacturer.
- B. Utility Shelf:
  1. Manufacturers:
    - a. Bobrick B-295 x 24 (Basis of Design), **or approved equal**
    - b. Bradley Corp
  2. Description: With exposed edges turned down not less than 1/2 inch (13 mm) and supported by two triangular brackets welded to shelf underside.
  3. Size: 24 inches (610 mm) long by 5 inches (127mm) deep.
  4. Material and Finish: Not less than nominal 0.05-inch- (1.3-mm-) thick stainless steel, No. 4 finish (satin).
- C. Mop and Broom Holder:
  1. Manufacturers:
    - a. Bobrick B-223 x 24 (Basis of Design), **or approved equal**
  2. Description: Unit with holders.
  3. Length: 24 inches (610 mm).
  4. Hooks: Three.
  5. Mop/Broom Holders: Three, spring-loaded, rubber hat, cam type.
  6. Material and Finish: Stainless steel, No. 4 finish (satin).

## 2.4 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, 0.031-inch (0.8-mm) minimum nominal thickness unless otherwise indicated.
- B. Brass: ASTM B 19, flat products; ASTM B 16/B 16M, rods, shapes, forgings, and flat products with finished edges; or ASTM B 30, castings.
- C. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), 0.036-inch (0.9-mm) minimum nominal thickness.
- D. Galvanized-Steel Sheet: ASTM A 653/A 653M, with G60 (Z180) hot-dip zinc coating.
- E. Galvanized-Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper-and-theft resistant where exposed, and of galvanized steel where concealed.
- G. Chrome Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).

- H. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

## 2.5 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Grab Bars: Install to withstand a downward load of at least 250 lbf (1112 N), when tested according to ASTM F 446.

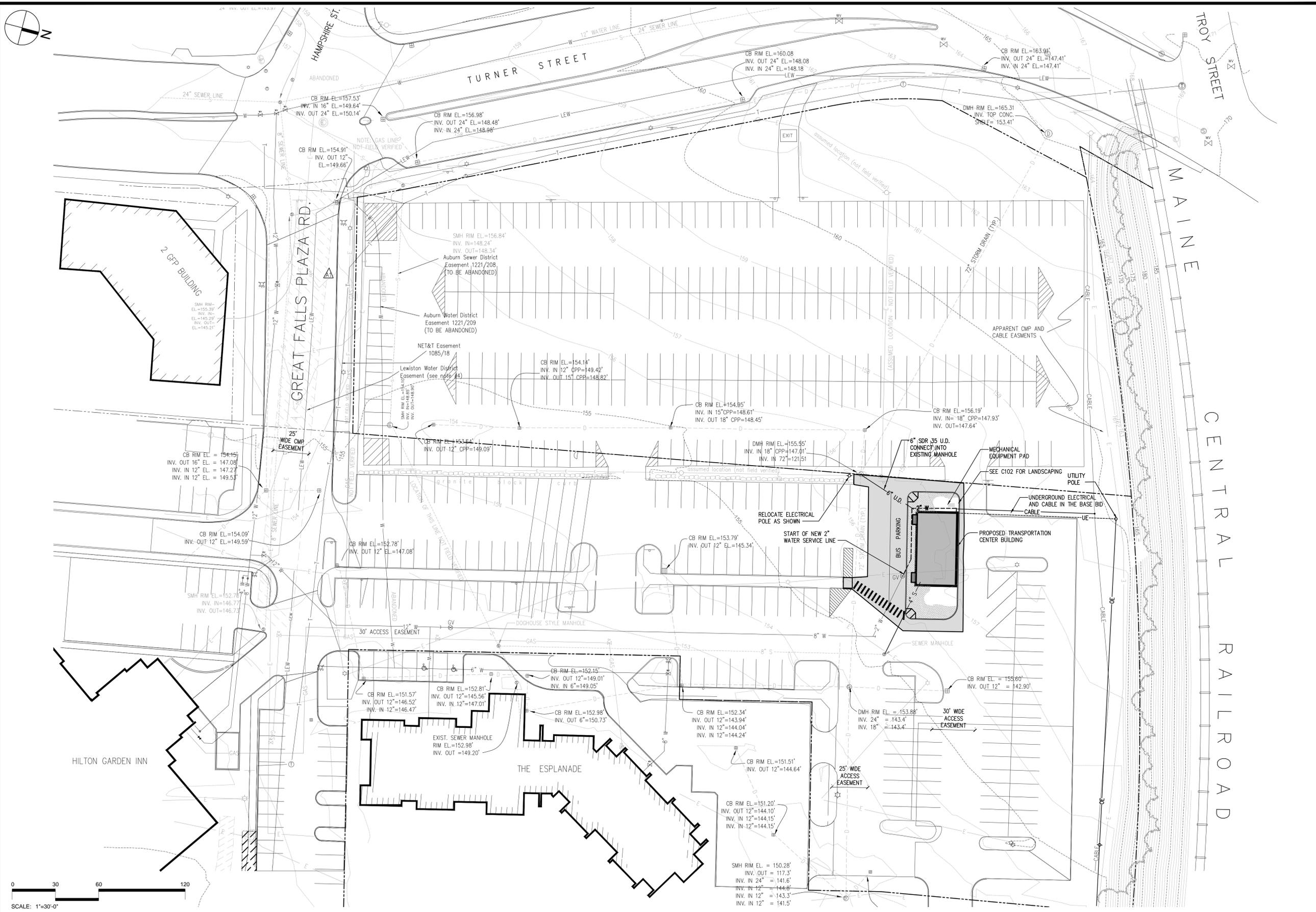
### 3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Remove temporary labels and protective coatings.
- C. Clean and polish exposed surfaces according to manufacturer's written instructions.

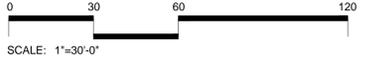
END OF SECTION 102800

Downtown Auburn Transportation Center  
Win 12326.00  
Federal Number: ME03-0041  
August 14, 2015  
**AMENDMENT #6**

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PRINTED: Aug 14, 2015



PROPOSED SITE PLAN

SCALE: 1"=30'-0"



424 Fore Street  
 Portland, ME 04101  
 Phone 207.842.2800  
 Fax 207.842.2828  
 www.cascobayengineering.com

CLIENT:  
 LATC  
 c/o AVCOG  
 125 MANLEY ROAD  
 AUBURN, ME 04210



AUBURN, MAINE  
 FED #ME03-0041

**DOWNTOWN AUBURN  
 TRANSPORTATION CENTER**  
 GREAT FALLS PLAZA  
 WIN #12326.00  
**PROPOSED BUILDING**

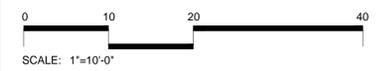
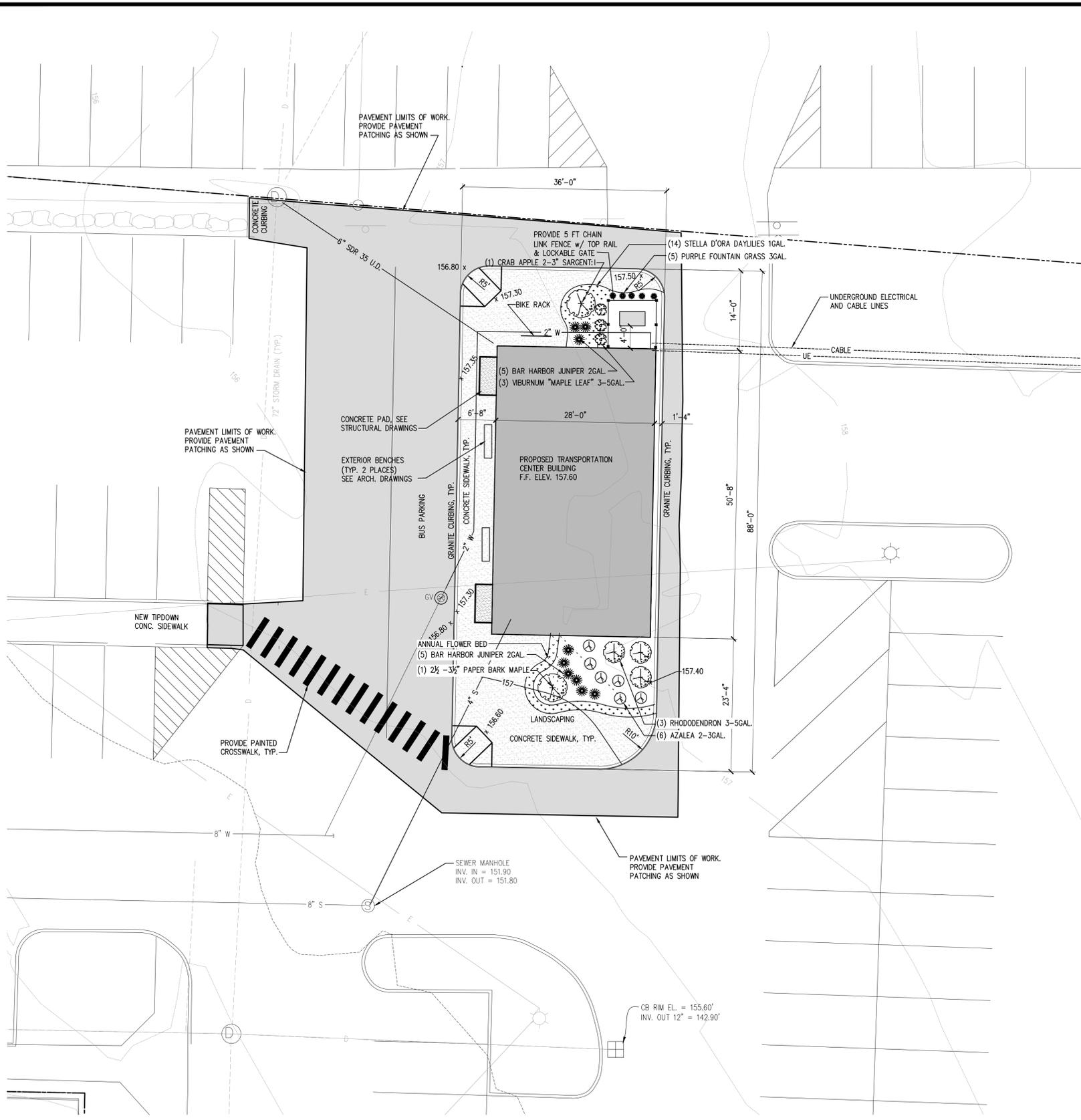
ISSUED	DR.	CHKD.	BY	DATE
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	ED	ED	ED	3-6-15
	ED	ED	ED	4-17-15
	ED	ED	ED	5-8-15
	ED	ED	ED	5-15-15
	ED	ED	ED	5-27-15
	ED	ED	ED	6-23-15
	ED	ED	ED	8-14-15

SHEET TITLE:

**PROPOSED  
 SITE PLAN**

DESIGNED: ED  
 DRAWN: ED  
 DATE: 10-20-14  
 PROJECT NUMBER: 14-124

**C101**



PROPOSED PARTIAL SITE PLAN

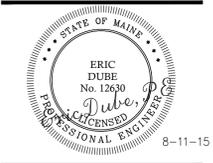
SCALE: 1"=10'-0"

PRINTED: Aug 14, 2015



424 Fore Street  
Portland, ME 04101  
Phone 207.842.2800  
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www.cascobayengineering.com

CLIENT:  
LATC  
c/o AVCOG  
125 MANLEY ROAD  
AUBURN, ME 04210



AUBURN, MAINE  
FED #ME03-0041

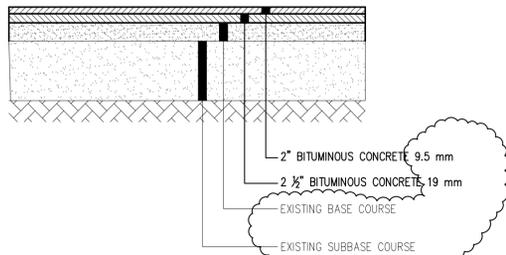
**DOWNTOWN AUBURN  
TRANSPORTATION CENTER**  
GREAT FALLS PLAZA  
WIN #12326.00  
**PROPOSED BUILDING**

ISSUED	DR.	BY	CHKD.	DATE
	ED	ED	ED	1-29-15
	ED	ED	ED	3-6-15
	ED	ED	ED	4-17-15
	ED	ED	ED	5-8-15
	ED	ED	ED	5-15-15
	ED	ED	ED	5-27-15
	ED	ED	ED	6-23-15
	ED	ED	ED	8-14-15

SHEET TITLE:  
**PROPOSED  
PARTIAL  
SITE PLAN**

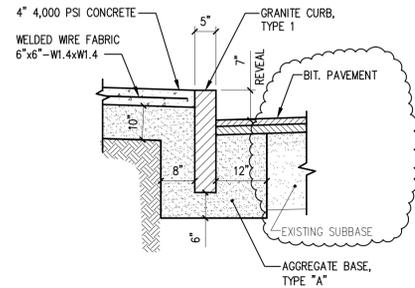
DESIGNED: ED  
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PROJECT NUMBER: 14-124

**C102**

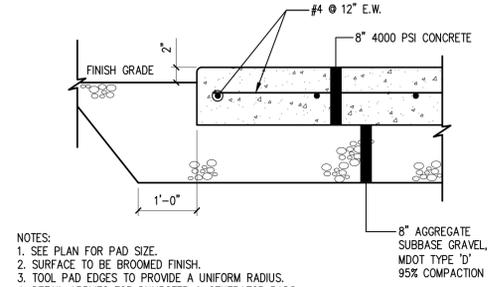


NOTE:  
 1. COMPACT EXISTING GRAVEL SUBBASE COURSE TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION BEFORE NEW PAVEMENT PATCHING.  
 2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

TYPICAL PAVING SECTION NTS

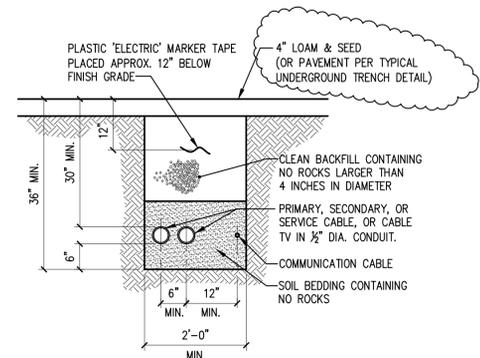


TYPICAL CONCRETE WALK w/ GRANITE CURB SECTION NTS

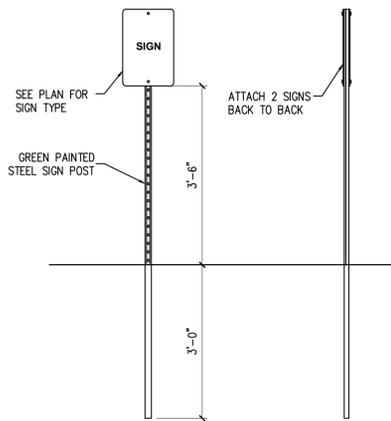


NOTES:  
 1. SEE PLAN FOR PAD SIZE.  
 2. SURFACE TO BE BROOMED FINISH.  
 3. TOOL PAD EDGES TO PROVIDE A UNIFORM RADIUS.  
 4. DETAIL APPLIES FOR DUMPSTER & GENERATOR PADS.

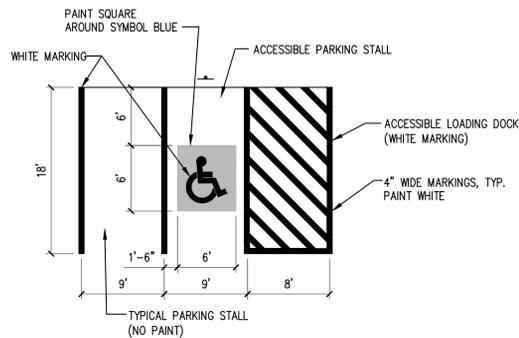
TYPICAL CONCRETE PAD DETAIL NTS



TYPICAL UNDERGROUND WIRE TRENCH DETAIL NTS



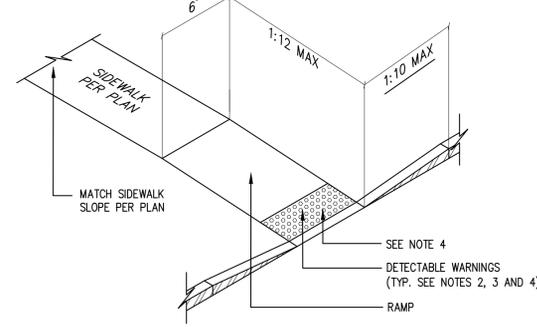
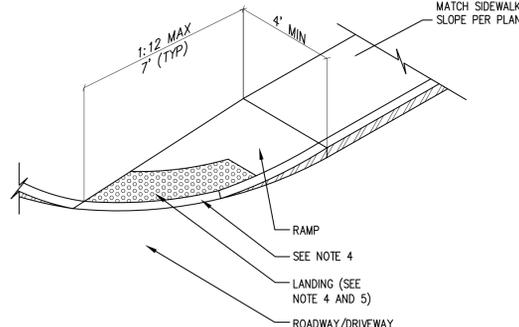
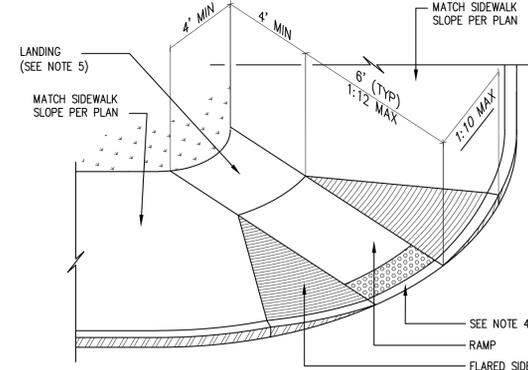
TYPICAL SIGN DETAIL NTS



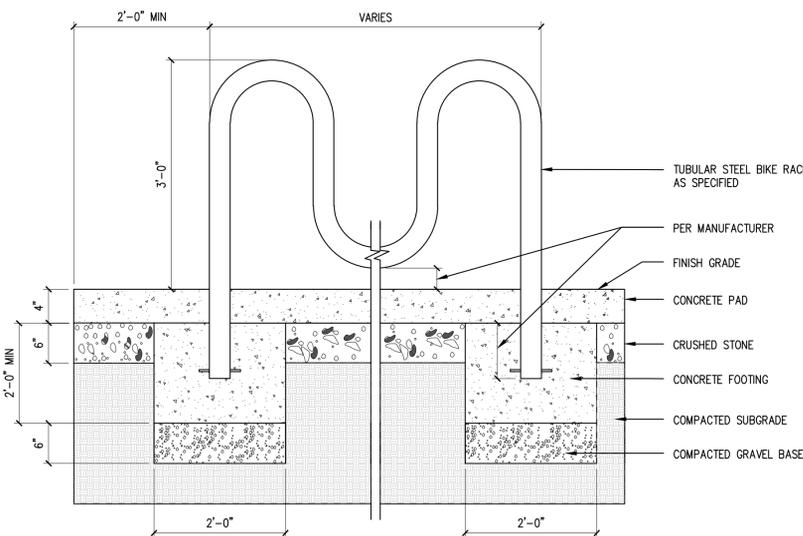
TYPICAL PARKING STALL DETAILS NTS

NOTES:

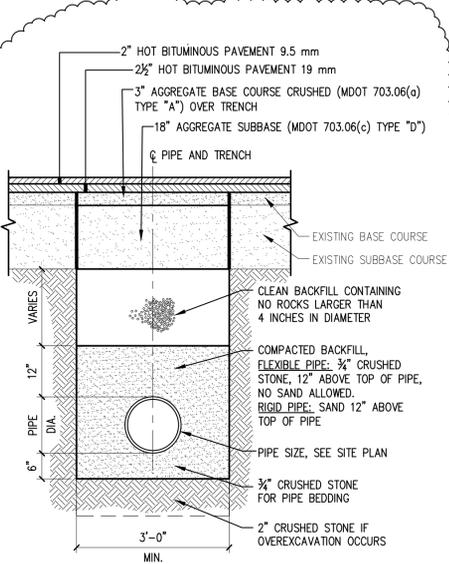
- CURB RAMP LENGTHS ARE BASED ON SIX (6) INCH CURB REVEAL HEIGHT AND NO RUNNING SLOPE. RAMP LENGTHS SHALL BE ADJUSTED AS NECESSARY TO ACCOMMODATE VARYING CURB REVEAL HEIGHTS AND TO MATCH RUNNING SLOPES OF ADJACENT ROADWAY AND SIDEWALK SLOPES TO MAINTAIN A RAMP THAT DOES NOT EXCEED THE MAXIMUM RAMP SLOPE OF 1:12.
- DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES AND SHALL HAVE A BASE DIAMETER OF 0.9 INCHES (23 mm) MINIMUM AND 1.4 INCHES (36 mm) MAXIMUM; A TOP DIAMETER OF 50 PERCENT OF THE BASE DIAMETER MINIMUM TO 65 PERCENT OF THE BASE DIAMETER MAXIMUM AND A HEIGHT OF 0.2 INCHES (5.1 mm), A CENTER-TO-CENTER SPACING OF 1.6 INCHES (41mm) MINIMUM AND 2.4 INCHES (61mm) MAXIMUM; AND A BASE-TO-BASE SPACING OF 0.65 INCHES (17mm) MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID.
- DETECTABLE WARNINGS SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNINGS USED ON INTERIOR SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND-ON-CANE CONTACT.
- ALL ACCESSIBLE ROUTE SIDEWALKS INTERSECTING ROADWAYS, DRIVEWAYS, OR OTHER VEHICULAR CROSSINGS REQUIRE DETECTABLE WARNINGS. DETECTABLE WARNING ZONES SHALL BE INSTALLED SIX (6) INCHES (OR THE HORIZONTAL THICKNESS OF THE ADJACENT CURB) FROM THE FLOW LINE OF THE CURB, EXTEND INTO THE SIDEWALK FOR A 24" DEPTH, AND COVER THE COMPLETE WIDTH OF THE SIDEWALK OR RAMP AREA. DETECTABLE WARNING ZONES SHALL CONFORM TO THE SLOPE REQUIREMENTS OF THE RAMP, LANDING, OR ACCESSIBLE ROUTE AS DEFINED IN THE SPECIFIED DETAIL. DETECTABLE WARNINGS SHALL NOT BE INSTALLED IN FLARED SIDES, IF THE RAMP INCLUDES FLARED SIDES.
- ALL LANDING AREAS SHALL BE 4 FEET WIDE BY 4 FEET LONG (MINIMUM DIMENSIONS). THE SLOPE OF THE LANDING AREA SHALL NOT EXCEED A 1:48 IN ANY DIRECTION.
- ALL ACCESSIBLE ROUTE SLOPES ADJOINING THE LANDING AREA, EXCLUDING THE CURB RAMP, SHALL NOT EXCEED A SLOPE OF 1:20 UNLESS OTHERWISE NOTED.



TYPICAL BARRIER FREE RAMP DETAILS NTS



TYPICAL BIKE RACK DETAIL NTS



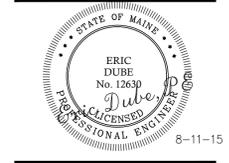
NOTE:  
 ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED BY THE LATC.

TYPICAL UNDERGROUND PIPE TRENCH NTS



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 AUBURN, ME 04210



DOWNTOWN AUBURN  
 TRANSPORTATION CENTER  
 GREAT FALLS PLAZA  
 WIN #12326-00  
 PROPOSED BUILDING  
 AUBURN, MAINE  
 FED #ME03-0041

ISSUED	DR.	CHK.	DATE
	ED	ED	4-17-15
	ED	ED	5-15-15
	ED	ED	5-15-15
	ED	ED	5-15-15
	ED	ED	5-23-15
	ED	ED	5-14-15

DESCRIPTION	ISSUED FOR
65% SUBMISSION	ISSUED FOR PRICING
90% SUBMISSION	ISSUED FOR FINAL REVIEW
	ISSUED FOR BID
	AMENDMENT #6

SHEET TITLE:

SITE DETAILS  
 SHEET 1

DESIGNED: ED  
 DRAWN: ED  
 DATE: 4-14-15  
 PROJECT NUMBER: 14-124

C200