ADDENDUM NO. 2:

Date:	June 30, 2015
Project:	Alberta Technology Center
Owner:	The City of Tuscaloosa
Owner's Project No:	A15-0513
Architect:	Ward Scott Architecture, Inc.

This Addendum forms a part of the Contract Documents and modifies the original Bid Documents dated June 22, 2015, as noted below.

Acknowledge receipt of this Addendum in the location provided on the Bid Proposal Form.

1.1 GENERAL

A. No General Notes.

1.2 SUBSTITUTION REQUESTS

1. Plumbing Fixture P-7, Scheir GB-75 is an acceptable substitute per plans and specs.

1.3 SPECIFICATIONS

A. The following sections have been modified:

1. City of Tuscaloosa Front End Documents, Article III, D. Liquidated Damages, page 30. Modify the paragraph: "…a sum computed at the rate of Five Hundred Dollars ($500) per day beginning from the stated or extended date of completion and continuing for so long as the Project remains incomplete."

2. Section 02800 Landscaping – Part 4 – Measurement and Payment. Refer to the first sentence in the paragraph: "*Measurement and payment for plant materials will be complete and in place per each plant material"*. This sentence to be replaced with the following: "*Payment for the installation of all trees, shrubs, groundcover, sod, etc. shall be paid for as one lump sum*". Refer to the end of this paragraph, add the following sentence: "*Topsoil installed at the plan specified depths shall be paid for as a separate from the landscape on a one lump sum basis."*

3. Section 02810 Underground Irrigation System – Add the following section: "*Part 4 – Measurement and Payment. Payment for the installation the irrigation system shall be paid for as one lump sum. I. This shall include, but may not be limited to: all irrigation valves, main lines, lateral lines, spray heads, controller wire, flow sensor, controller, shipping/freight costs, taxes, warranties, watering, labor and equipment used for installation, storing and protection of irrigation material both on-site and off, and maintenance of the installed material until final acceptance. It should be noted that there will be a separate lump sum cost for the purchase and delivery of all equipment and labor for the installation of the proposed irrigation system communication system equipment installed by others. Refer to the notes on sheet I-2 for additional information."*

4. Section 028300 Turfgrass Sod – Part 3 – Measurement and Payment. Delete entirely the paragraph and replace with the following paragraph: *"Payment for sod installation shall be one lump sum that includes all of the project landscaping. The sod quantity on the planting plan shall be verified by the contractor and included in their lump sum bid."*

5. Section 101423 Signs, Refer to 2.2.A. Add the following: "*Item 8. Background color: black."*

6. Section 072726 FLUID APPLIED MEMBRANE, Refer to 2.3, A.a. Add the following as an approved equal: *"Item 5) Sto, Emerald Coat".*

7. Section 075420 POLYVINYL-CHLORIDE (PVC) ROOFING, Refer to 2.3, B. Add Johns Manville.

8. Section 121492 – Roller Shade Devices. Refer to Part III – Execution, 3.3 Installation, A. General. Add the following General note: "*All upper clerestory windows to receive motorized blinds; all lower windows to receive manual blinds."*

1.4 DRAWINGS

A. The following sheets have been re-issued:
   1. Sheet I-1 Irrigation Plan
   2. Sheet I-2 Irrigation Details
   3. Sheet L-1 Landscape Plan
   4. Sheet L-2 Landscape Details
   5. Sheet A401 Interior Elevations

B. The following sheets have been modified:
   1. Refer to Sheet A001 Finish Schedule and Legend.
      a. Refer to Finish Legend, Base, RB-1. Change to 6 continuous rubber base.
      b. Refer to Finish Legend, Base, WD-1. Change to 6" profile. See detail A4-322.
      c. Refer to Finish Legend, Base, SSB-2. See detail A5-332.
      d. Refer to Notes, Item #7. Note should read "*Signage for Coffee Shop by Owner*".
      e. Refer to Notes. Add Item #13. All carpet contour cuts to be laser or water jet cut. Designer will provide ACAD drawing.
      f. Refer to Finish Legend, Laminates and Solid Surfaces. Add SS-2, Corian Bisque.
   2. Refer to Sheet AC03 Site Plan Details, Detail 3 has been replaced.
   3. Refer to Sheet A104 Upper Roof Plan
      a. Lightning protection system has been updated to reflect connection thru building to lower roof
   4. Refer to Sheet A105 Canopy Plan and Details
      a. Detail 2 - Gussett/Lug note and dimensions have been added
   5. Refer to Sheet A111 Enlarged Floor Plan
      a. Detail 1, Hand dryers in Men 117 and Women 118 to be surface mounted ILO recessed.
   6. Refer to Sheet A311 Wall Sections
      a. Details 5, 6, 7, and 8 – Note solid surface sill and lip at all lower windows.
   7. Refer to Sheet A312 Details Curved Roof
      a. Detail 1 - Lightning protection system has been updated to reflect connection thru building to lower roof
   8. Refer to Sheet A313 Details Curved Roof
      a. Detail 1 - Lightning protection system has been updated to reflect connection thru building to lower roof
   9. Refer to Sheet A316 Wall Partition Types
      a. Wall Types 1 and 2 – add note for moisture resistant wall board or kerdi board at wall tile areas – see finish schedule.
   10. Refer to Sheet A331 Section Details
      a. Detail 4 – solid surface sill and lip shown.
   11. Refer to Sheet A332 Typical Details
      a. Detail 9 (New) – add ¾" x 2" painted wood wall trim
   12. Refer to Sheet A501 Reflected Ceiling Plan.
      a. Refer to soffit dimensions. For all incremental dimension strings at soffits, round to the nearest (up or down) increment.
      b. Refer to Children's Room #110. Remove perimeter soffit. Header at exterior window to remain.
      c. Work Lounge 2 #104, Remove perimeter soffit and replace with wood wall trim.
   13. Refer to Sheet A601 Equipment Schedule
      a. Work Lounge 2 #104, Add TV to North Wall with power/data @ height to match others.
   14. Refer to Sheet E101, E301, A601, TD101, TD102
      a. Refer to Training Room #121, Floor electrical, data and AV receptacle at the front of the training room at the lectern location. Relocate these floor receptacle devices to the west side of the training room.

1.5 ATTACHED TO ADDENDUM

A. PreBid Meeting Minutes and Sign-in Sheet
B. Current Bidder RFI Log, dated June 30, 2015

C. Drawings:
   I-1
   I-2
   L-1
   L-2
   AC03
   A104
   A105
   A312
   A313
   A331
   A332
   A401

END OF ADDENDUM

Pre-Bid Conference Check List (Lump Sum Contract)

1.1 GENERAL

A. Welcome (and silence radios/cell phones)
B. Pre-bid conference is mandatory; Sign-in Sheet for communication of addenda
C. Project Location: Alberta Technology Center, 2614 University Boulevard East, Tuscaloosa, Alabama
D. Introduce Owner, Architect, and affiliation of key personnel
E. General Lump Sum Contract project
F. Project funding **carries federal requirements as described in front end documents including Davis-Bacon Wage Rates.**
G. Electronic communication is required; provide primary contact for firm on sign-in sheet or when picking up drawings.

1.2 SUMMARY

A. Primary scope involves construction of an approximately 5,000 square foot building with steel frame, brick and stucco siding. Features include a masonry storm shelter, atrium gallery, meeting/training room, 2 smaller collaboration rooms and a coffee shop. There will also be an extension of the City walk IT duct bank included in the scope of work.
B. Contract documents (drawings, project manual, addenda via electronic distribution)
C. Sets of plans available at TuscaBlue, Ward Scott Architecture Office and City of Tuscaloosa Website.

1.3 RECEIPT OF BIDS

A. MBE/WBE/DBE Forms 1 and 2 due today. Copies available for completion.
B. Sealed proposals will be received by the City of Tuscaloosa, until **2:00 p.m**., legally prevailing time, **Wednesday, July 8, 2015,** in the **Council Chambers** of **Tuscaloosa City Hall,** 2201 University Boulevard, Tuscaloosa, AL 35401. Submit one copy proposal form, MBE/DBE/WBE Forms 3 and 4
C. Proposal envelope must have state license number on outside.
D. Must include Estimated Sales Tax amount on form.
E. Acknowledge all Addenda
F. Bid Bond with Power of Attorney or Bid Deposit is required.

1.4 CONTRACTUAL REQUIREMENTS

A. Payment and labor/material bonds will be required
B. This is a tax exempt project, and bidders must **exclude** taxes from their bid. The contractor will be required to obtain a Certificate of Exemption from the Alabama Department of Revenue utilizing ADOR Form STC-EX01. Form included in front end documents.
C. Required permits and licenses by Contractor
   1. Building permit required; no cost associated
   2. City Business License required
D. Builder's Risk Insurance is by Contractor
E. Costs for materials testing are by Owner, Costs of retesting, if required, are by contractor
F. Liquidated damages. Amount: $200 per Day
G. Alternates: None
H. Present project schedule and required phasing:
   1. Bid Date: July 8, 2015
   2. Notice to Proceed / Preconstruction Conference Date: July 27 (Tentative)
   3. Completion Date: 175 Days from notice to proceed

1.5 SITE CONDITIONS

A. Access for construction operations; procedures for work around adjacent operations.
B. Construction limits are defined within the Construction Documents – Architectural Site Plan AC-02
C. Job site offices
D. Superintendent required on site at all times when work is being performed
   1. On-site radio or cell phone communications required
E. Security at site is contractor's responsibility
F. Job Safety and Cleanup is contractor's responsibility

G. Parking shall be provided in a designated area.

1.6 MISCELLANEOUS

A. Project comments from Architect

1. Must turn in all MBE/DBE/WBE forms 1 and 2 today to be allowed to bid.

B. Project comments from Owner

1.7 DISCUSSION AND QUESTIONS FROM BIDDERs

A. The City distributed a list of MBE/DBE/WBE subcontractor firms interested to participate with the ATC project. Forms 1 & 2 are due today by close of business. Form 3 Participation Goal and Form 4 Contractors Submitting Bids must be included with the GC sealed bid to be deemed complete.

B. Liquidated Damages. The addenda will modify liquidated damages to Five Hundred Dollars ($500) per day.

C. Site conditions including parking, access, material staging and lay-down area. The City will coordinate these items with the awarded general contractor. The drive-way to the west of the site must remain open and accessible by City Police department at all times.

D. Change Orders. Any work requested to be approved by a change order shall not commence until the change order request has been fully executed by the Mayor and City Council, If any work associated with a change order has been completed prior to the City's approval, this work will be at risk by the contractor.

E. Owner, Architect and Contractor progress meetings will be held weekly.

F. Will there be special inspections required by FEMA for the storm shelter? No.

G. Will there be cost associated with the water line extension? This will be clarified in the addenda by the Civil Engineer.

H. What will be the cut-off date for receipt of bid questions? Questions will be received up until 48-hours prior to bid, Monday July 6, 2015 at 2pm CDT.

I. Will the bid date be moved due to the July 4th holiday. At this time, the bid date is not expected to be rescheduled for a new date.

WARD SCOTT ARCHITECTURE

2715 7th Street
Tuscaloosa, Alabama 35401
T: 205.345.6110
F: 205.345.6696

SIGN-IN SHEET

DATE: June 24, 2015 TIME: 10:00 A.M. LOCATION: City of Tuscaloosa Narashino Room	PROJECT: Alberta Technology Center, 2614 University Blvd. East

Name	Company	Phone No.	Email
Kimberly McMurray	Ward Scott Architecture	205.345.6110	kmcmurray@ward-scott.com
Wayne Dennis	Ward Scott Architecture	205-345-6110	wdennis@ward-scott.com
Sarah Howerton	Amason & Associates	205-454-7405	showerton@amason-associates.com
Kristen Love	City - OCA	205-248-5140	Klove@tuscaloosa.com
Philip Dunlap	Bill Lunsford Con.	205-758-3232	philip@billlunsford.com
Mollie Hathcock	Billlunsford ~~hathcock mollie~~ .com	205-758-9558	hathcock.mollie@gmail.com
Billy Kirby	K.A Builders Inc	349-3126	billy-kabuilders@msn.com
Kevin Wedgeworth	Psalms Construction	(205) 758-4561	Psalms inc@yahoo.com
Phillip Brooker	Automated Logic	205.577.9113	Phillip.Brooker@automatedlogic.com
Roger Sanders	Kyser Construction	205-366-3530	ckyser@kyser-Construction.Com
Reginald Kennedy	Const. Works, Inc	205-292-6769	cedric@cwiatl.com
Cavanaugh Drake	City of Tuscaloosa	~~205-765-7545~~ 205-248-5700	cdrake@tuscaloosa.com
Savannah Howell	City of Tuscaloosa	205-248-5700	showell@tuscaloosa.com
Zack Stamps	Premier Service Co.	205-752-6332	Kmichaels@psc1201.com
TIM LEWIS	TALA	205-369-3406	tlewis@talapo.com
Wayne Dennis	Ward Scott	205.247.3221	wdennis@WardScott.com

Billy Falls	N.C. Morgan Const.	205-553-7720	bfalls@ncmorgan constructions.com
Kent Robertson	Harrison Construction	205-333-1120	krobertson@harrison-const.com
Russ Nevin	Neel-Schaffer Atmon	205-349-2100	russ.nevin@neel-schaffer.com
Theo Roshell	Munford Ent	205-616-9030	theo_roshell@yahoo.com
Nathanial Williams	Munford Ent	2059661747	MUNFORDINC@AOL.com
Sharon May	Hall-Taylor Const	2057588265	SHARONHTCC@comcast.net
Robin Edgeworth	City of Tuscaloosa	205-248-5700	Redgeworth@tuscaloosa.com
Cliff Penick	" " "	248-5260	cpenick@tuscaloosa.com

Alberta Technology Center Bidder RFI log

WS 14-028
Bid Period - June 22 - July 9, 2015

No.	Date	contractor	topic	Question	Response/Action	issued
1	6.24.15	Sto	substitution request - FAMAB	Can Sto, Emerald Coat be considered for fluid applied membrane on this project	yes, per plans and specs, see Addendum #2	Addendum #2
2	6.25.15	A.H. Deveney	Substitution request - Plumbing	Can Scheir GB-75 be substituted for P-7 fixture?	yes, per plans and specs, see Addendum #2	Addendum #2
3	06.29.15	Johns Manville	Substitution request - PVC membrane	Can Johns Manville products be considered	yes, per plans and specs, see Addendum #2	Addendum #2
4	06.29.15	Peachtree Canopies	Substitution request - Peachtree Canopies	Can Peachtree products be considered	no	
5	06.30.15	SunBelt Glass	Storefront	Are you wanting the exterior storefront to be front set or center set, I see details indicating both? Are both SF1 and SF2 to be curtainwall, I would assume so with the height of both. Is the D2 interior frame to get insulated glass as well?	Details for glass location per drawings; SF1 and SF2 will be curtain wall; D2 frame does not receive insulated glass	
6	6.30.15	K&A Builders	Parking Lot Striping	The civil plans call for thermoplastic HC parking lot striping. My striping sub tells me the thermoplastic does not work on brick pavers.	use normal striping material	
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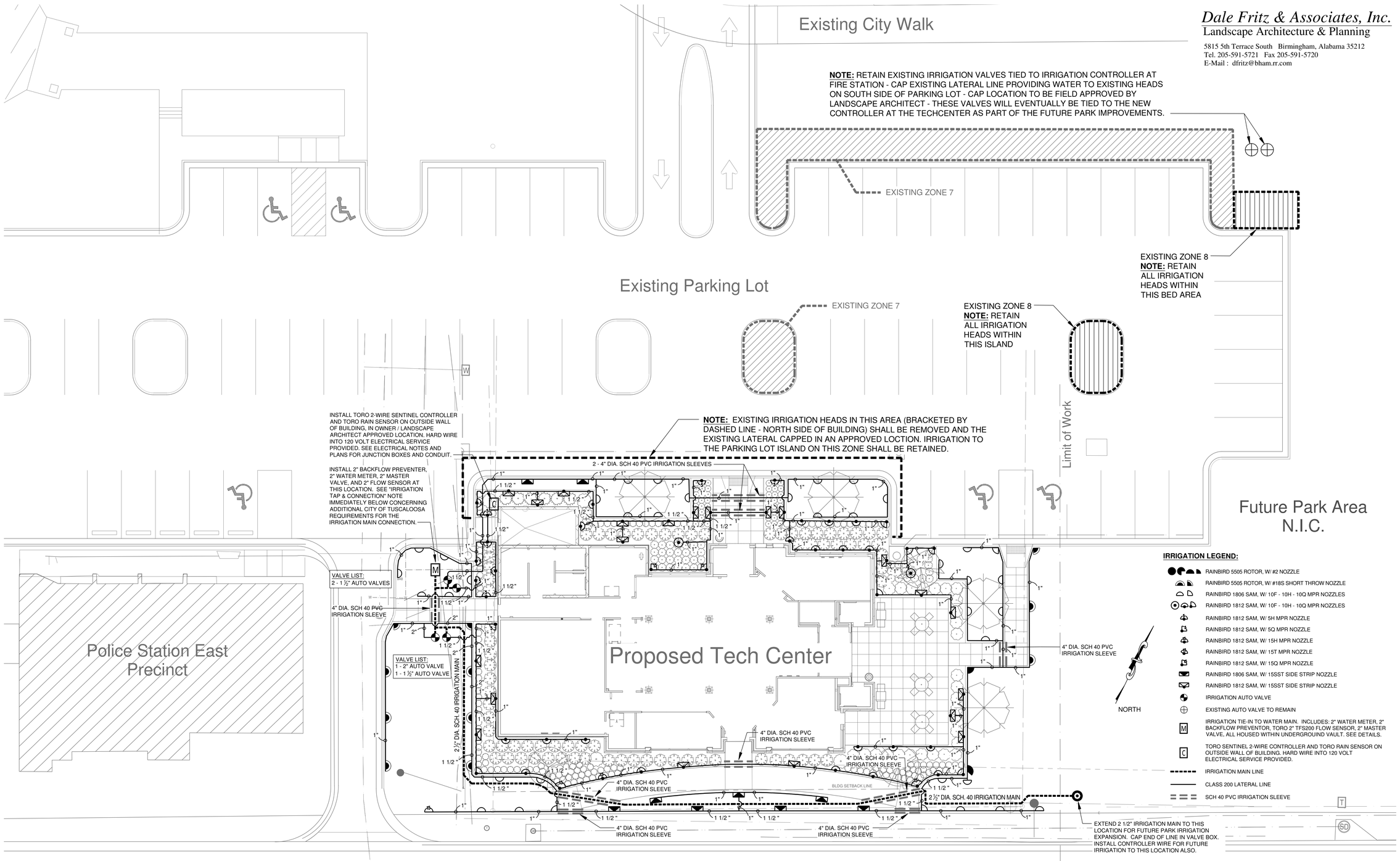
Dale Fritz & Associates, Inc.
Landscape Architecture & Planning
5815 5th Terrace South Birmingham, Alabama 35212
Tel. 205-591-5721 Fax 205-591-5720
E-Mail : dfritz@bham.rr.com

WARD SCOTT ARCHITECTURE
2715 Seventh Street
Tuscaloosa, AL 35401
www.ward-scott.com

STATE OF ALABAMA
DALE WILLIAM FRITZ
NUMBER 335
REGISTERED LANDSCAPE ARCHITECT
06/24/15



IRRIGATION LEGEND:

- RAINBIRD 5505 ROTOR, W/ #2 NOZZLE
- RAINBIRD 5505 ROTOR, W/ #18S SHORT THROW NOZZLE
- RAINBIRD 1806 SAM, W/ 10F - 10H - 10Q MPR NOZZLES
- RAINBIRD 1812 SAM, W/ 10F - 10H - 10Q MPR NOZZLES
- RAINBIRD 1812 SAM, W/ 5H MPR NOZZLE
- RAINBIRD 1812 SAM, W/ 5Q MPR NOZZLE
- RAINBIRD 1812 SAM, W/ 15H MPR NOZZLE
- RAINBIRD 1812 SAM, W/ 15T MPR NOZZLE
- RAINBIRD 1812 SAM, W/ 15Q MPR NOZZLE
- RAINBIRD 1806 SAM, W/ 15SST SIDE STRIP NOZZLE
- RAINBIRD 1812 SAM, W/ 15SST SIDE STRIP NOZZLE
- IRRIGATION AUTO VALVE
- EXISTING AUTO VALVE TO REMAIN
- M — IRRIGATION TIE-IN TO WATER MAIN. INCLUDES: 2" WATER METER, 2" BACKFLOW PREVENTOR, TORO 2" TFS200 FLOW SENSOR, 2" MASTER VALVE, ALL HOUSED WITHIN UNDERGROUIND VAULT. SEE DETAILS.
- C — TORO SENTINEL 2-WIRE CONTROLLER AND TORO RAIN SENSOR ON OUTSIDE WALL OF BUILDING. HARD WIRE INTO 120 VOLT ELECTRICAL SERVICE PROVIDED.
- IRRIGATION MAIN LINE
- CLASS 200 LATERAL LINE
- SCH 40 PVC IRRIGATION SLEEVE

IRRIGATION MAIN TAP & CONNECTION NOTE:

1. INSTALL 2" BACKFLOW PREVENTER, 2" WATER METER, 2" TORO TFS FLOW SENSOR, AND 2" AUTOMATIC MASTER VALVE (RAINBIRD 200 PEB OR APPROVED EQUAL) INTO AN APPROVED WATER METER BOX.
2. PROGRAM THE CONTROLLER SO THAT THIS MASTER GATE VALVE OPENS & CLOSES THE WATER SUPPLY TO THE CITY OF TUSCALOOSA'S IRRIGATION SYSTEM IN THIS AREA.
3. INSTALL A 2" TORO TFS FLOW SENSOR BETWEEN THE 90° WATER SUPPLY CONNECTION AND THE 2" AUTOMATIC MASTER VALVE. MAKE CERTAIN THAT A STRAIGHT 4 FT. SECTION OF 2" DIA. SCH 40 IRRIGATION MAIN IS USED BETWEEN THE FLOW SENSOR AND THE MASTER GATE VALVE TO ENSURE THAT THE FLOW SENSOR FUNCTIONS PROPERLY. THE FLOW SENSOR SHALL BE CONNECTED TO THE CONTROLLER WITH WIRE SPECIFIED BY THE MANUFACTURER.
4. USE NYLON TIE & ATTACH WATERPROOF NOTE TAG TO WATER METER THAT BOLDLY READS "CITY OF TUSCALOOSA IRRIGATION".

IRRIGATION CONTROLLER NOTE:
LOCATE THE 2-WIRE TORO SENTINAL CONTROLLER AS SHOWN & NOTED ON THE PLAN. INSTALL PROPER LIGHTNING PROTECTION FOR THE CONTROLLER, TOGETHER WITH THE TORO RAIN/FREEZE SENSOR SPECIFIED ON SHEET I-2.

BROADCAST ANTENNA NOTE:
THIS PROJECT REQUIRES THAT PARTS & SERVICES FOR A BROADCAST ANTENNA SYSTEM SHALL BE PURCHASED AS PART OF THIS IRRIGATION PROJECT. THE CONTRACTOR SHALL ONLY BE RESPONSIBILE FOR THE PURCHASE OF THE PARTS & SERVICES IDENTIFIED BELOW. THESE ITEMS SHALL BE TURNED OVER TO THE CITY OF TUSCALOOSA, FOR INSTALLATION BY BY OTHERS. CONTACT: JERRY PATE TURF & IRRIGATION, INC - 301 SCHUBERT DRIVE - PENSACOLA, FL 32504-6598 - Phone: 1-800-700-7001 - Fax: 1-800-793-1220
THE ANTENNA ITEMS THE CONTRACTOR SHALL BE RESPONSIBILE FOR PURCHASING (BUT NOT INSTALLING) ARE AS FOLLOWS:
1. SB-CTM-WS3 - Modem Eicon Ethernet SS WS3 Single Port Stainless Wall
2. AA107 - Base Antenna 7dB Gain Omni 450-460 Frequency "N" Female
3. 69293 - FM2-TESMD Antenna Mounting Kit Bracket Only For AA1O7 FM2
4. T80BNC - Cables: 5OBNC 3OBNC AA109BNC 6' W/BNCxUHF FEM & Polyphaser
5. EXP-70125 - System Install and Setup Irrigation Service

ALBERTA TECHNOLOGY CENTER
2600 UNIVERSITY BLVD EAST
TUSCALOOSA, ALABAMA

BID SET

DATE: 06/24/15
PROJ #: 14-028
CITY PROJ #: A15-0513

REVISIONS

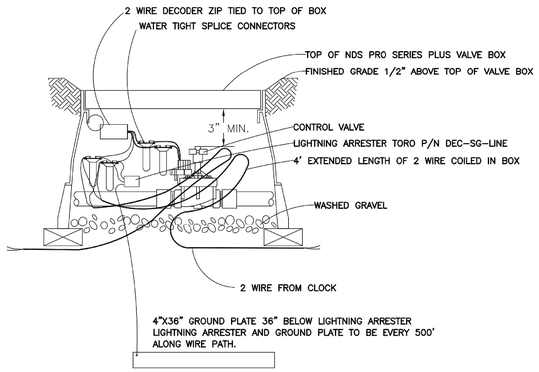
#	DESC	DATE
	6/24/15 ENTIRE SHEET REISSUED	

IRRIGATION PLAN

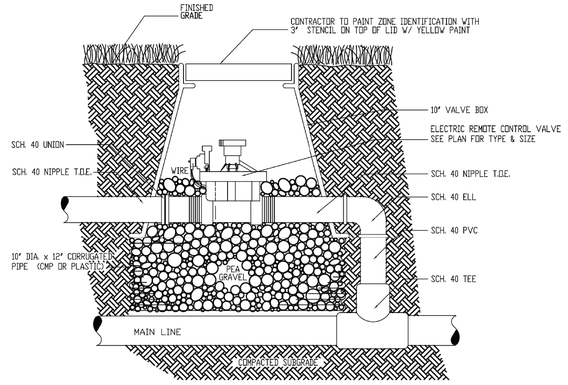
I—1

1	IRRIGATION PLAN	0 5' 10' 20' SCALE: 1" = 10'

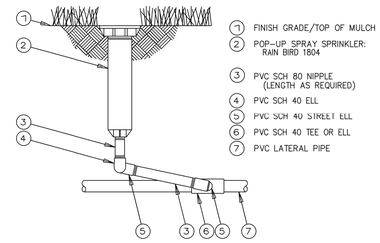
Dale Fritz & Associates, Inc.
Landscape Architecture & Planning
5815 5th Terrace South Birmingham, Alabama 35212
Tel. 205-591-5721 Fax 205-591-5720
E-Mail : dfritz@bham.rr.com



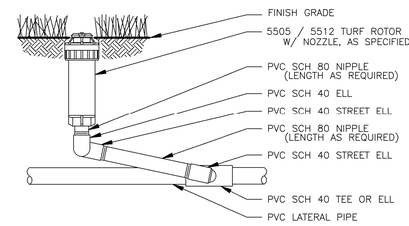
(A) DECODER & GROUND PLATE CONNECTION
N.T.S.



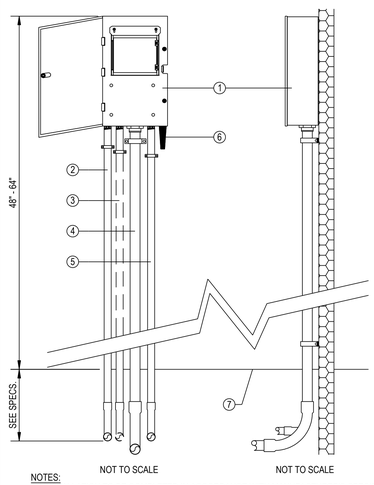
(B) CONTROL VALVE DETAIL
N.T.S.



(C) TYPICAL POP-UP SPRAY
N.T.S.



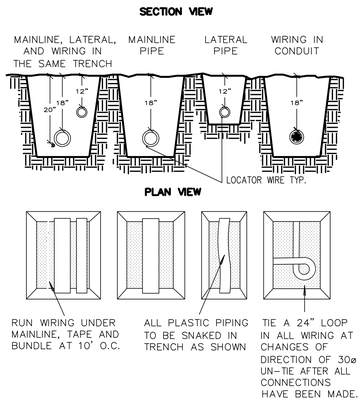
(D) TYPICAL TURF ROTOR
N.T.S.



LEGEND:
1. TORO SENTINEL SMALL METAL CABINET WALL MOUNT, FOR 12 STATION 2-WIRE SENTINAL CONTROLLER WITH RAIN & FREEZE STATION. SENTINAL MODEL NUMBER: ESB-TW-12/120VAC, 60HZ-U2/TDC-PS1-ATX. SOME STATIONS WILL BE LEFT UNUSED.
2. 1/2" CONDUIT FOR ELECTRICAL POWER PER LOCAL AND NATIONAL ELECTRICAL CODES. OPTIONAL 3/4" KNOCK-OUT IF LARGER CONDUITS ARE USED.
3. 1/2" KNOCK-OUT FOR RAIN SENSOR WIRE.
4. 2" CONDUIT FOR REMOTE CONTROL WIRES AND MV OR PUMP START WIRES. OPTIONAL 3" KNOCK-OUT IF LARGER WIRES ARE USED. SECURE TO WALL WITH APPROPRIATE PIPE CLAMPS.
5. 3/4" KNOCKOUT FOR EARTH GROUND WIRES.
6. MOUNTED NARROWBAND ANTENNA
7. FINISHED GRADE

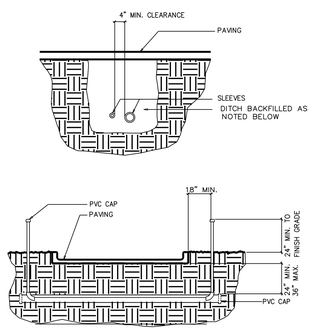
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 065-285.

(E) SENTINAL 2-WIRE WALL MOUNT CONTROLLER
N.T.S.



NOTE: SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC 2 TIMES THE DIAMETER OF THE PIPE WITHIN.

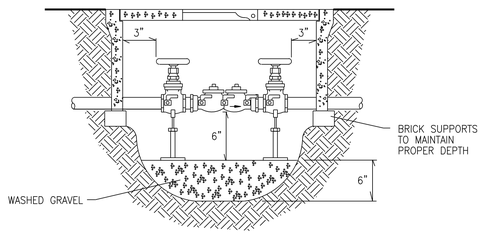
(F) PIPE & WIRE TRENCHING
N.T.S.



NOTES:
1. ALL PVC IRRIGATION SLEEVING TO BE SCH 40 PVC OR ENGINEER APPROVED HIGH DENSITY POLY ETHELEAN PIPE.
2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND SMALLER SLEEVE TO 24" MIN. ABOVE FINISH GRADE.
4. ALL TRENCHES UNDER THE EXISTING STREETS AND SIDEWALKS SHALL BE BACKFILLED WITH AN APPROVE STONE AND MECHANICALLY TAMP TO 95% PROCTOR AND/OR 100% UNDER ROADWAYS.

(G) IRRIGATION SLEEVING
N.T.S.

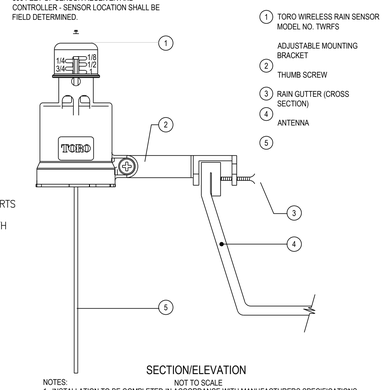
NOTE: THIS EQUIPMENT SHALL MEET THE REQUIREMENT OF THE LATEST INTERNATIONAL PLUMBING CODE SECTION 608.16.5 EQUIPMENT SHALL PROTECT THE POTABLE WATER SUPPLY AGAINST BACKFLOW BY INSTALLING A REDUCED PRESSURE PRINCIPLE. BACKFLOW PREVENTOR APPROVED BY THE CITY OF TUSCALOOSA



NOTE:
BACKFLOW PREVENTER SHALL BE MOUNTED IN CONCRETE METER BOX/VAULT,
AND SHALL INCLUDE:
1) 2" BACKFLOW PREVENTER, 2) 2" WATER METER, 3) RAINBIRD 2" 200-BPE MASTER VALVE, 4) TORO 2" TFS FLOW SENSOR

(H) BACKFLOW PREVENTER
N.T.S.

NOTE
MOUNT SENSOR VERTICALLY. AVOID PLACEMENT UNDER EVE OR TREE CANOPY. LOCATE WITHIN 300 FEET OF SENSOR RECEIVER AND CONTROLLER - SENSOR LOCATION SHALL BE FIELD DETERMINED.



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 065-255a.

(I) RAIN/FREEZE SENSOR
CONNECTION TO GUTTER N.T.S.

IRRIGATION NOTES:

1. THIS PROJECT REQUIRES THAT PARTS & SERVICES FOR A BROADCAST ANTENNA SYSTEM SHALL BE PURCHASED AS A PART OF THIS IRRIGATION PROJECT. THE CONTRACTOR SHALL ONLY BE RESPONSIBILE FOR THE PURCHASE OF THESE ITEMS (SEE IRRIGATION MATERIAL SCHEDULE, THIS SHEET). UPON RECEIPT OF DELIVERY, THESE ITEMS SHALL BE TURNED OVER TO THE CITY OF TUSCALOOSA, FOR INSTALLATION BY OTHERS. CONTACT: JERRY PATE TURF & IRRIGATION, INC - 301 SCHUBERT DRIVE - PENSACOLA, FL 2504-6598 - Phone: 1-800-700-7001 - Fax: 1-800-793-1220
2. ALL IRRIGATION EQUIPMENT LISTED IS MANUFACTURED BY RAINBIRD OR APPROVED EQUAL. IRRIGATION CONTROLLER, CONTROLLER CABINET, FLOW SENSOR, RAIN / FREEZE SENSOR SHALL BE TORO.
3. DESIGN BASED ON 50 PSI OPERATING PRESSURE.
4. ALL PVC IRRIGATION SLEEVES SHALL BE PLACED UNDER ALL PROPOSED SIDEWALKS AND PAVING PRIOR TO PAVING PLACEMENT, AS INDICATED ON PLAN. ALL SLEEVES WILL BE ELBOWED UP AT 90 DEGREES AND CAPPED OR PLUGGED PRIOR TO BACKFILLING.
5. ALL TRENCHES (EXCEPT THOSE THROUGH STREETS, ASPHALT PAVING OR UNDER THE PROPOSED SIDEWALKS) SHALL BE REPLACED WITH IDENTICAL SURFACE MATERIALS FOUND PRIOR TO TRENCHING. GRASSED AREAS SHALL BE SODDED. GRAVEL, SHELL, CONCRETE AND ASPHALT PAVING SHALL BE PATCHED WITH MATERIALS TO MATCH EACH. TRENCHES CROSSING STREETS OR UNDER THE PROPOSED SIDEWALKS SHALL BE BACKFILLED WITH STONE AS SPECIFIED AND PAID FOR AS DEFINED IN THE CIVIL PLANS.
6. ALL IRRIGATION SLEEVES SHALL BE SCHEDULE 40 PVC.
7. ALL IRRIGATION LATERALS AND MAIN LINES SHALL BE LOCATED AT LEAST 18" BELOW FINISHED GRADE.
8. ALL IRRIGATION MAIN WATER LINES (AS CALLED OUT ON THE IRRIGATION PLAN) SHALL BE SCHEDULE 40 PVC. ALL LATERAL IRRIGATION LINES SHALL BE CLASS 200 PVC.
9. THE CONTRACTOR MAY USE "FUNNY PIPE" IN LIEU OF THE SWING JOINTS SHOWN IN THE 12" POP-UP SPRAYS. SWING JOINTS WILL REQUIRED AS SHOWN IN THE POP-UP SPRAY HEAD DETAIL.

IRRIGATION NOTES, CONTINUED:

10. THE CONTRACTOR SHALL SUBMIT A LUMP SUM PRICE FOR THE COMPLETE INSTALLATION OF THE BASE BID IRRIGATION SYSTEM AS DEFINED ON THE PLAN.
11. QUANTITIES PROVIDED IN THE LEGEND ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY VARY. THE CONTRACTOR SHOULD SUBMIT A PRICE FOR THE IRRIGATION BASED ON THE CONTRACTOR'S PLAN MEASUREMENTS AND CALCULATIONS.
12. THE LOCATION OF THE WATER SOURCE AND POWER SUPPLY MAY VARY FROM THE LOCATION SHOWN ON THE IRRIGATION PLAN. POWER SUPPLY TO THE CONTROLLER HAS BEEN PROVIDED AS NOTED ON THE ELECTRICAL PLANS. REFER TO THE ELECTRICAL AND SITE CIVIL PLANS TO VERIFY THE LOCATION OF EACH SERVICE. THE ELECTRICAL PLANS REQUIRE 120 VOLT POWER TO BE PROVIDED IN A JUNCTION BOX ON THE EXTERIOR OF BUILDING, FOR USE BY THE IRRIGATION CONTROLLER.
13. THE IRRIGATION PLAN CALLS FOR A MASTER CONTROL VALVE TO BE INSTALLED. THE CONTRACTOR SHALL PROGRAM THE CONTROLLER SO THE MASTER CONTROL VALVE OPENS TO SUPPLY WATER TO THE IRRIGATION MAIN. A SEPARATE ZONE ON THE CONTROLLER SHALL BE SET UP FOR THE QUICK COUPLERS SO THE MAIN LINE CAN BE CHARGED WITH WATER ALLOWING USE OF THE QUICK COUPLERS.
14. THE CONTRACTOR SHALL INSTALL THE SPECIFIED FLOW METER IN THE MAIN WATER SUPPLY LINE BETWEEN THE BACKFLOW PREVENTOR AND THE MASTER CONTROL VALVE. THE FLOW METER SHALL BE CONNECTED TO THE CONTROLLER WITH WIRE SPECIFIED BY THE MANUFACTURER. INSTALLATION SHALL BE PER SPECIFICATIONS AND MANUFACTURER'S REQUIREMENTS.
15. THE CONTRACTOR SHALL INSTALL A MINIMUM 4 FT. SECTION OF STRAIGHT PIPE EXITING THE FLOW METER SECTION FOR OPERATIONAL PURPOSES.
16. THE CONTRACTOR SHALL TEST THE IRRIGATION CONTROLLER TO DETERMINE THAT THE CONTROLLER HAS BEEN PROPERLY CONNECTED TO THE CITY OF TUSCALOOSA'S IRRIGATION CONTROLLER RADIO NETWORK. THE FINAL SETUP OF THE IRRIGATION CONTROLLER SHALL WORK WITH THE CITY'S SENTINAL CONTROL SYSTEM, WITH FINAL REVIEW AND APPROVAL BY THE CITY OF TUSCALOOSA.
17. REFER TO THE SPECIFICATION MANUAL (IRRIGATION SPECIFICATION SECTION) FOR ADDITIONAL INFORMATION.

IRRIGATION PLAN LEGEND & MATERIALS SCHEDULE

Quantity	Symbol	Description
2		RAINBIRD 5505, #2 NOZZLE
11		RAINBIRD 5505, #18S NOZZLE
0		RAINBIRD 1806SAM, 10F MPR NOZZLE
2		RAINBIRD 1812SAM, 10F MPR NOZZLE
34		RAINBIRD 1806SAM, 10H MPR NOZZLE
20		RAINBIRD 1812SAM, 10H MPR NOZZLE
3		RAINBIRD 1806SAM, 10Q MPR NOZZLE
6		RAINBIRD 1812SAM, 10Q MPR NOZZLE
9		RAINBIRD 1812SAM, 5H MPR NOZZLE
1		RAINBIRD 1812SAM, 5Q MPR NOZZLE
2		RAINBIRD 1812SAM, 15H MPR NOZZLE
2		RAINBIRD 1812SAM, 15T MPR NOZZLE
2		RAINBIRD 1812SAM, 15Q MPR NOZZLE
9		RAINBIRD 1806SAM, 15SST MPR NZL.
21		RAINBIRD 1812SAM, 15SST MPR NZL.
3		RAINBIRD 150PEB Auto Valve. Each Valve Shall Be Equipped With The Following: 1. A TORO 2-Wire Decoder, Model DEC-1SP-1. 2. A DC Potted Latching Solenoid Matched to the 2-Wire Decoder. 3. TORO Lightning Arrester, #DEC-SG-LINE
1		RAINBIRD 200PEB Auto Valve. Each Valve Shall Be Equipped With The Following: 1. A TORO 2-Wire Decoder, Model DEC-1SP-1. 2. A DC Potted Latching Solenoid Matched to the 2-Wire Decoder. 3. TORO Lightning Arrester, #DEC-SG-LINE

Quantity	Symbol	Description
1,260 LF		Class 200 1"
340 LF		Class 200 1 1/2"
25 LF		Class 200 2"
260 LF		Schedule 40 PVC 2" Irrigation Main
150 LF		Schedule 40 4" Sleeving
N/A		Schedule 40 6" Sleeving
1	C	TORO 12 Station 2-Wire Sentinal Controller In Metal Wall Mount Cabinet with Rain & Freeze Station, See details this sheet. Model Number: ESB-TW-12/120VAC, 60HZ-U2/TDC-PS1-ATX
1	M	Indicates The Following Items Mounted Inside Concrete Meter Box/Vault (See Detail This Sheet): 1. 2" Water Meter 2. 2" Backflow Preventer (See Detail This Sheet). 3. Rainbird 2" 200-BPE Master Valve 4. TORO 2" TFS Flow Sensor
1	N/A	Toro Flow Meter - TSF200
1	N/A	Sentinel Hand Held Radio - SHHR
1	N/A	Toro Rain/Freeze Sensor-TWRFS
1 LUMP SUM	THESE BROADCAST ANTENNA PARTS & SERVICES SHALL BE PURCHASED BY THE CONTRACTOR AND NOT INSTALLED. THESE ITEMS SHALL BE TURNED OVER BY THE CONTRACTOR TO THE CITY OF TUSCALOOSA FOR INSTALLATION BY OTHERS.	SB-CTM-WS3; Modem Eicon Ethernet SS WS3 Single Port Stainless Wall AA107; Base Antenna 7dB Gain Omni 450-460 Frequency "N" Female 69293; FM2-TESMD Antenna Mounting Kit Bracket Only For AA107 FM2 TBOBNC; Cables: 50BNC 30BNC AA109BNC 6' W/BNCxUHF FEM & Polyphaser EXP-70125; System Install and Setup Irrigation Service

1	IRRIGATION DETAILS	

WARD SCOTT ARCHITECTURE
2715 Seventh Street
Tuscaloosa, AL 35401
www.ward-scott.com

STATE OF ALABAMA — DALE WILLIAM FRITZ — NUMBER 335 — REGISTERED LANDSCAPE ARCHITECT
06/24/15

ALBERTA TECHNOLOGY CENTER
2600 UNIVERSITY BLVD EAST
TUSCALOOSA, ALABAMA

BID SET

DATE: 06/24/15
PROJ #: 14-028
CITY PROJ #: A15-0513

REVISIONS

#	DESC	DATE
	6/24/15 ENTIRE SHEET REISSUED	

IRRIGATION DETAILS

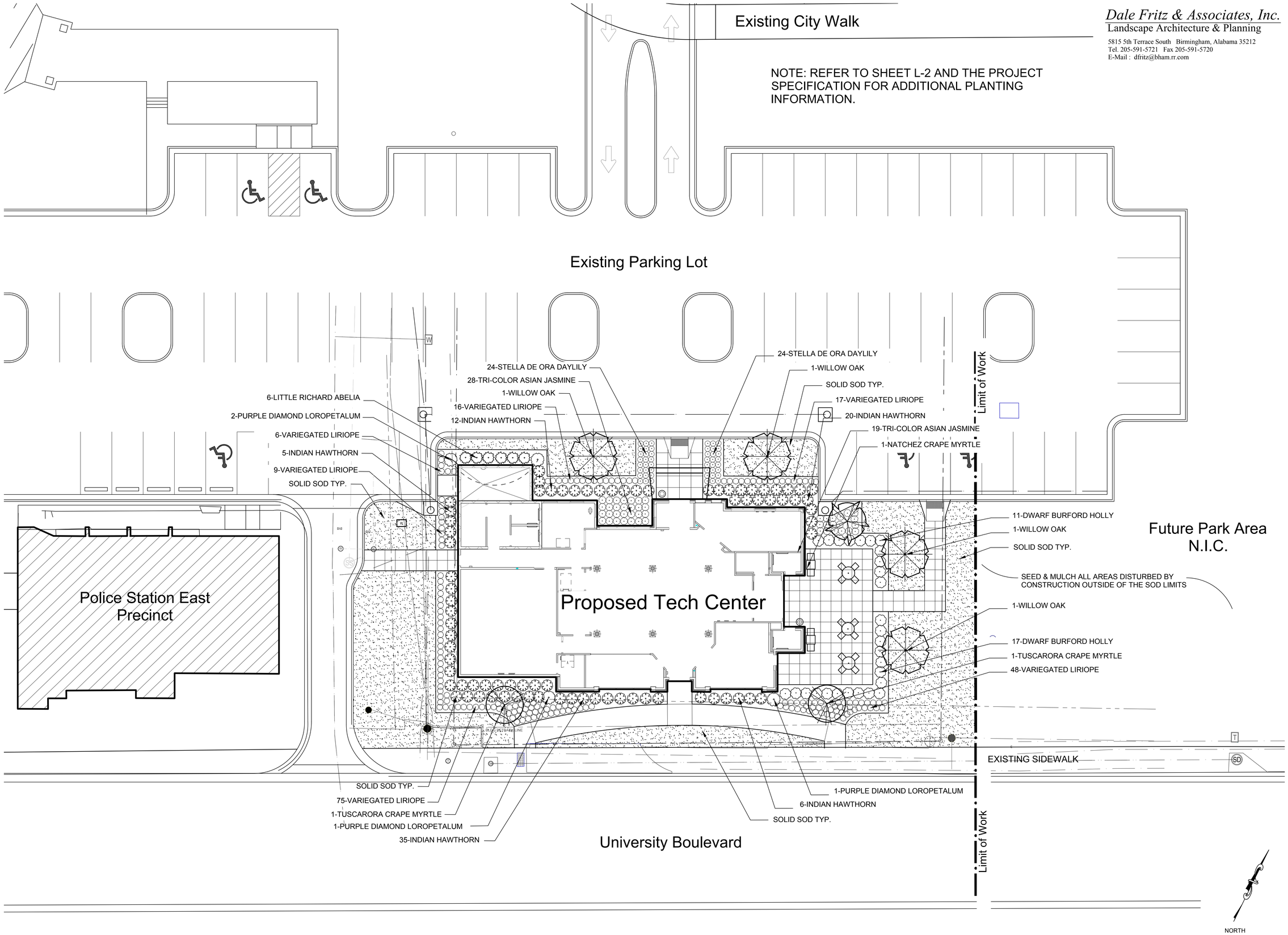
I-2

Dale Fritz & Associates, Inc.
Landscape Architecture & Planning
5815 5th Terrace South Birmingham, Alabama 35212
Tel. 205-591-5721 Fax 205-591-5720
E-Mail : dfritz@bham.rr.com

WARD SCOTT ARCHITECTURE
2715 Seventh Street
Tuscaloosa, AL 35401
www.ward-scott.com

STATE OF ALABAMA
DALE PRIAM FRITZ
NUMBER 335
REGISTERED LANDSCAPE ARCHITECT
06/23/15

NOTE: REFER TO SHEET L-2 AND THE PROJECT SPECIFICATION FOR ADDITIONAL PLANTING INFORMATION.



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2600 UNIVERSITY BLVD EAST
TUSCALOOSA, ALABAMA

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	6/23/15 ENTIRE SHEET REISSUED	

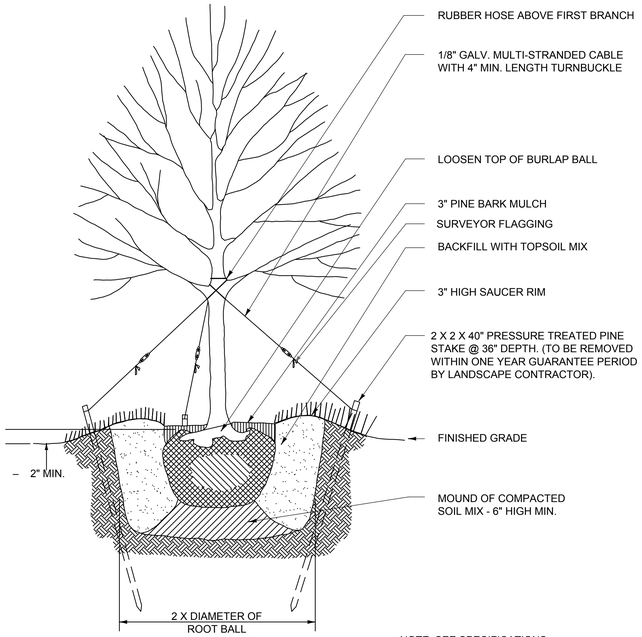
LANDSCAPE PLAN

L-1

1 LANDSCAPE PLAN

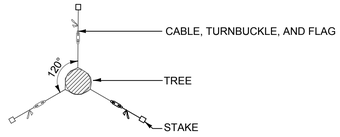
0 5' 10' 20'
SCALE: 1" = 10'

Dale Fritz & Associates, Inc.
Landscape Architecture & Planning
5815 5th Terrace South Birmingham, Alabama 35212
Tel. 205-591-5721 Fax 205-591-5720
E-Mail : dfritz@bham.rr.com



SECTION

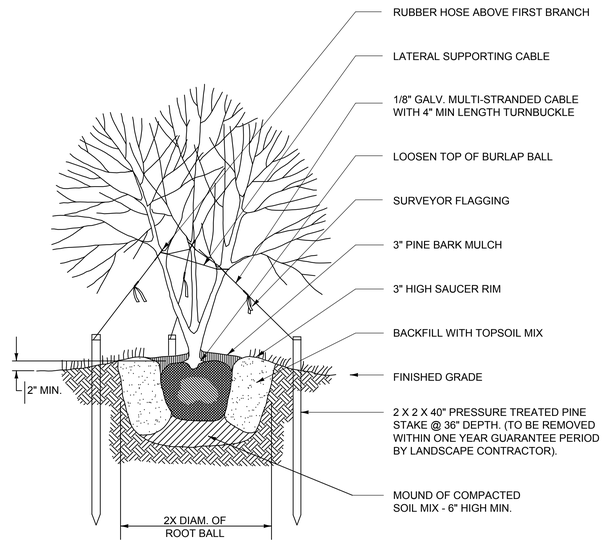
NOTE: SEE SPECIFICATIONS FOR MATERIALS



PLAN

A TREE - PLANTING DETAIL

NOT TO SCALE

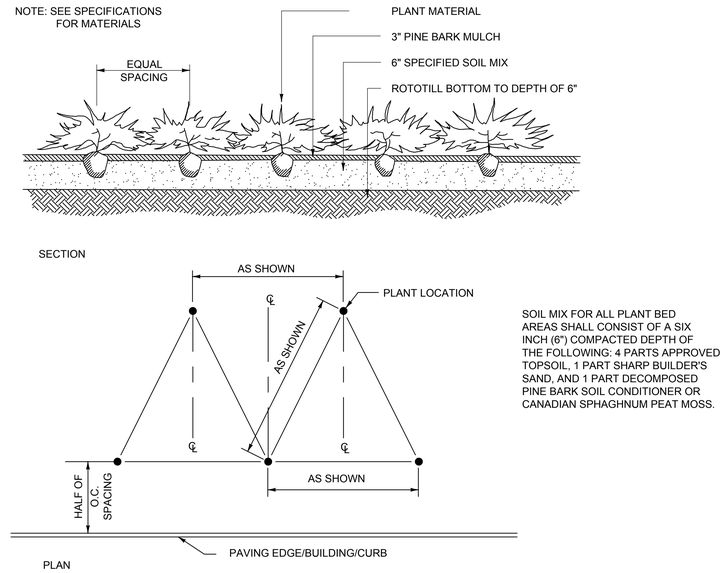


SECTION

NOTE: SEE SPECIFICATIONS FOR MATERIALS

B MULTIPLE TRUNK DETAIL

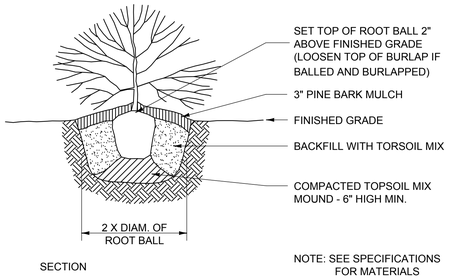
NOT TO SCALE



SOIL MIX FOR ALL PLANT BED AREAS SHALL CONSIST OF A SIX INCH (6") COMPACTED DEPTH OF THE FOLLOWING: 4 PARTS APPROVED TOPSOIL, 1 PART SHARP BUILDER'S SAND, AND 1 PART DECOMPOSED PINE BARK SOIL CONDITIONER OR CANADIAN SPHAGHNUM PEAT MOSS.

C SHRUB BED PREP. & LAYOUT

NOT TO SCALE



SECTION

NOTE: SEE SPECIFICATIONS FOR MATERIALS

D SHRUB PLANTING DETAIL

NOT TO SCALE

PLANT MATERIAL SCHEDULE

QUANTITY	COMMON NAME / BOTANICAL NAME	SIZE	SPACING	COMMENTS
4	WILLOW OAK / QUERCUS PHELLOS	4" CALIPER	AS SHOWN	STRONG CENTRAL LEADER
1	NATCHEZ CRAPE MYRTLE / LAGERSTROMIA 'NATCHEZ'	10' TO 12' HT.	AS SHOWN	3 OR 5 CANES MULTI TRUNK
2	TUSCARORA CRAPE MYRTLE / LAGERSTROMIA 'TUSCARORA'	10' TO 12' HT.	AS SHOWN	3 OR 5 CANES MULTI TRUNK
28	DWARF BURFORD HOLLY / ILEX CORNUTA 'NANA'	3 GAL.	36" O.C.	FULL IN CONTAINER
6	LITTLE RICHARD ABELIA / ABELIA GRANDIFLORA 'LITTLE RICHARD'	3 GAL.	36" O.C.	FULL IN CONTAINER
78	'BALLERINA' INDIAN HAWTHORNE / RHAPHIOLEPIS INDICA 'BALLERINA'	3 GAL.	36" O.C.	FULL IN CONTAINER
4	PURPLE DIAMOND LOROPETALUM / LOROPETALUM 'PURPLE DIAMOND'	5 GAL.	AS SHOWN	FULL IN CONTAINER
171	VARIEGATED LIRIOPE / LIRIOPE MUSCARI 'VARIEGATA'	1 GAL.	18" O.C.	FULL IN CONTAINER
47	TRI-COLOR ASIAN JASMINE / TRACHELOSPERMUM ASIATICUM 'TRI-COLOR'	1 GAL.	24" O.C.	FULL IN CONTAINER
48	STELLA DE ORA DAYLILY / HEMOCANTHUS 'STELLA DE ORA'	1 GAL.	18" O.C.	FULL IN CONTAINER
515	'EMPIRE' ZOYSIA / ZOYSIA 'EMPIRE'	SQ. YARDS	N/A	
***	TOPSOIL INSTALLED FROM ON OFF SITE SOURCE AND/OR FROM TOPSOIL STRIPPED FROM THE SITE AND INSTALLED PER THE SPECIFIED LOCATIONS AND DEPTHS.	CUBIC. YARDS	N/A	***QUANTITY DETERMINED BY CONTRACTOR PAID FOR AS A LUMP SUM ITEM OF WORK

PLANTING NOTES:

1. SOIL MIX FOR ALL TREE AND SHRUB PITS AND GROUNDCOVER BEDS SHALL CONSIST OF 4-PARTS TOPSOIL, 1-PART SAND AND 1-PART KLUMB'S DECOMPOSED PINE BARK SOIL CONDITIONER.

2. INSTALL TOPSOIL IN ALL AREAS TO BE SODDED AT A 4" DEPTH. IF SUITABLE TOPSOIL EXISTS, NO TOPSOIL IS REQUIRED. A MINIMUM OF 12" OF TOPSOILS SHALL ALSO BE INSTALLED IN ALL SHRUB / GROUNDCOVER BED AREAS AROUND THE BUILDING. ALL CONSTRUCTION DEBRIS AND POOR SOILS SHALL BE REMOVED FROM PLANTING BED AREAS PRIOR TO THE INSTALLATION OF EITHER ON SITE TOPSOIL THAT IS STOCKPILED OR APPROVED TOPSOIL FROM AN OFF SITE SOURCE. THE SOIL CONDITIONS IN PREPARED BED AREAS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.

3. THE CONTRACTOR SHALL SUBMIT SOIL TEST ANALYSIS REPORTS FOR BOTH THE ON-SITE AND IMPORTED TOPSOILS INDICATING SOIL PH, SALTS, POTASH NITROGEN AND PHOSPHOROUS CONTENT ALONG WITH RECOMMENDED ADDITIVES TO BRING THE SOIL TO REQUIRED PH AND FERTILIZER LEVELS TO ENSURE PROPER ROOT GROWTH. THE RECOMMENDED ADDITIVE SHALL BE INSTALLED PRIOR TO PLANT INSTALLATION.

4. ALL EXCAVATED MATERIALS FROM PLANT PITS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

5. VERIFY ALL UTILITY LOCATIONS IN THE FIELD BEFORE BEGINNING WORK. REPAIR DAMAGED UTILITIES TO OWNER'S SATISFACTION AT NO COST TO THE OWNER. DUE TO THE LARGE NUMBER OF EXISTING AND PROPOSED UNDERGROUND UTILITIES, FIELD ADJUSTMENT TO TREE PLANTING LOCATIONS MAY BE REQUIRED.

6. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND THE OWNER AT ANY TIME.

7. TEN DAYS PRIOR TO PLANTING, ALL SODDED AREAS AND SHRUB / GROUNDCOVER BED AREAS SHALL BE SPRAYED WITH A HERBICIDE TO KILL ALL WEEDS AND EXISTING VEGETATION.

8. ALL SHRUB AND GROUNDCOVER AREAS SHALL BE MECHANICALLY TILLED TO A 6" MINIMUM DEPTH PRIOR TO PLANTING. SOIL AMENDMENTS AS STATED ABOVE SHALL BE ADDED TO PLANTING BEDS.

9. THE CONTRACTOR SHALL APPLY A PRE EMERGENT HERBICIDE IN ALL SHRUB AND GROUNDCOVER BED AREAS PRIOR TO THE INSTALLATION OF BARK MULCH. RATES OF APPLICATION SHALL BE BASED ON MANUFACTURER'S RECOMMENDATION. THIS PROCESS IS INTENDED TO MINIMIZE WEED DEVELOPMENT IN BED AREAS.

10. INSTALL A 3" DEPTH OF SHREDDED PINE BARK IN ALL PLANTING BED AREAS AND AROUND ALL PROPOSED TREES.. THE COST TO INSTALL PINE BARK MULCH FOR TREES, SHRUBS, AND GROUNDCOVER SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR THE LANDSCAPE.

11. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE FULL GROWING SEASON CONSISTING OF 12 MONTHS (UNLESS OTHERWISE SPECIFIED AND AGREED TO IN WRITING). PLANTS NOT IN A HEALTHY GROWING CONDITION SHALL BE REMOVED FROM THE SITE AS SOON AS SEASONAL CONDITIONS PERMIT. THE REJECTED PLANTS SHALL BE REPLACED WITH THE SAME PLANT SPECIES AND SIZE AS ORIGINALLY SPECIFIED AND INSTALLED AS ORIGINALLY SPECIFIED AT NO ADDITIONAL COST TO THE OWNER. REPLACED PLANTS SHALL ALSO BE GUARANTEED AS DESCRIBED ABOVE.

12. THE CONTRACTOR SHALL FINE GRADE SODDED AREAS AND PLANTING BEDS ALONG SIDEWALKS, CURBS AND OTHER PROPOSED IMPROVEMENTS TO PROVIDE POSITIVE SITE DRAINAGE PRIOR TO INSTALLATION OF THE PLANT MATERIALS. ANY EXCESS SOIL RESTRICTING THE FLOW OF WATER INTO STREET FROM SIDEWALKS SHALL BE REMOVED BY THE CONTRACTOR.

13. MAINTENANCE OPERATIONS SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND CONTINUE AS REQUIRED UNTIL FINAL ACCEPTANCE OF PLANT MATERIALS. PLANTS SHALL BE KEPT IN A HEALTHY, GROWING CONDITION BY WATERING, FERTILIZING, PRUNING, SPRAYING, WEEDING AND ANY OTHER NECESSARY OPERATIONS OF MAINTENANCE. PLANTING BEDS SHALL BE KEPT FREE OF WEEDS, GRASSES AND OTHER UNDESIRABLE VEGETATION. REPLACE MULCH AS REQUIRED TO OBTAIN A UNIFORM COVERAGE. WATER AS NECESSARY TO ENSURE AN ADEQUATE SUPPLY OF MOISTURE WITHIN THE ROOT ZONE. STRAIGHTEN LEANING PLANTS AND ADJUST PLANTS THAT HAVE SETTLED. ADD FERTILIZER AS NECESSARY AT APPROPRIATE INTERVALS. ONCE THE PLANTS ARE FINALLY ACCEPTED BY THE LANDSCAPE ARCHITECT, THE OWNER SHALL ASSUME THE PLANT MAINTENANCE.

14. ALL TREES SHALL BE NO. 1 OR SPECIMEN QUALITY. IF REQUESTED BY THE OWNER, THE LANDSCAPE ARCHITECT SHALL FIELD TAG ALL TREES AT A NURSERY SELECTED BY THE CONTRACTOR PRIOR TO DIGGING.

15. REFER TO THE PROJECT SPECIFICATION FOR ADDITIONAL PLANTING INFORMATION.

16. THE CONTRACTOR SHALL REFER TO THE CIVIL PLANS FOR THE FINAL LOCATION OF ALL SURFACE AND MUNICIPAL IMPROVEMENTS (I.E. CURB & GUTTER, INLETS, SIDEWALKS, ROADWAYS, STORM DRAINAGE, SANITARY SEWER, WATER DISTRIBUTION, ETC.) THE CIVIL PLANS SHALL TAKE PRECEDENT OVER THE BACKGROUND INFORMATION SHOWN ON THE LANDSCAPE PLAN L-1.

17. PAYMENT FOR THE INSTALLATION OF TREES, SHRUBS, GROUNDCOVER AND SOD SHALL BE PAID FOR ON A LUMP SUM PRICE. TOPSOIL REQUIRED FROM AN OFF SITE SOURCE SHALL BE PAID FOR ON A LUMP SUM BASIS. THE PROPOSED IRRIGATION SYSTEM SHALL ALSO BE INSTALLED ON A LUMP SUM BASIS. REFER TO THE IRRIGATION PLANS.

18. THE CONTRACTOR SHALL SEED & MULCH ALL AREAS DISTURBED BY THE CONSTRUCTION THAT ARE OUTSIDE OF THE LIMIT OF WORK LINE AS SHOWN ON SHEET L-1. NO PAYMENT SHALL BE MADE FOR THIS WORK.

WARD SCOTT ARCHITECTURE
2715 Seventh Street
Tuscaloosa, AL 35401
www.ward-scott.com

STATE OF ALABAMA — DALE ELLIAS FRITZ — NUMBER 335 — REGISTERED LANDSCAPE ARCHITECT
06/23/15

ALBERTA TECHNOLOGY CENTER
2600 UNIVERSITY BLVD EAST
TUSCALOOSA, ALABAMA

BID SET

DATE: 06/23/15
PROJ #: 14-028
CITY PROJ #: A15-0513

REVISIONS

#	DESC	DATE
	6/23/15 ENTIRE SHEET REISSUED	

LANDSCAPE DETAILS

L-2

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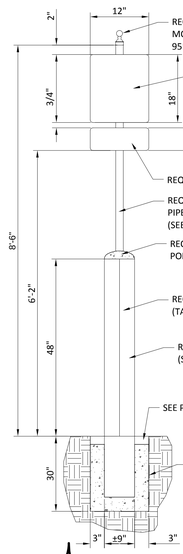
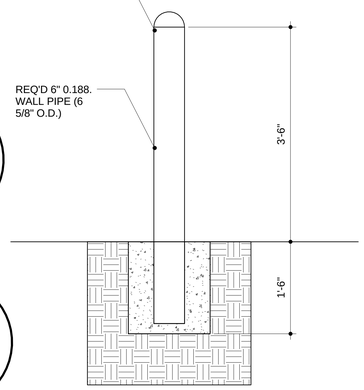
**NOTES:
1. SAND, PRIME, AND PAINT CAP, BOLTS, AND PIPE WITH 2 COATS OF ENAMEL PAINT, GLOSS BLACK, AND URETHANE FINISH.
2. BOLT CAP TO TUBE WITH 3/16" 1024 S.S. BOLTS, DRILLED AND TAPPED ON 2 SIDES
3. PRIOR TO INSTALLING CAP, SPRAY UNDERSIDE OF CAP WITH "COLD GALV" PAINT.
4. THE BOLLARD SHALL BE INSTALLED 35" MIN. FROM FACE OF CURB OR EDGE OF SIDEWALK IF NO CURB TO CENTER OF BOLLARD.

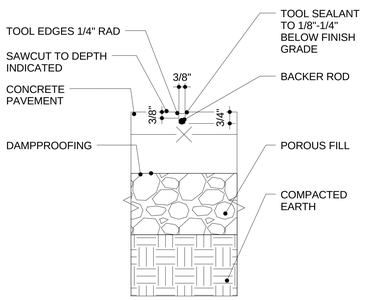
PAINT SPECIFICATION:
(BASIS OF DESIGN: DEVOE HIGH PERFORMANCE COATINGS)
PRIMER: DEVRAN 205 (1 COAT)
GLOSS ENAMEL: DEVTHANE 379 uva
URETHANE FINISH: DEVTHANE 379H



3 HANDI-CAP SIGN
3/4" = 1'-0"



2 BOLLARD
1" = 1'-0"



1 CONTROL JOINT
3" = 1'-0"

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2715 Seventh Street
Tuscaloosa, AL 35401
www.ward-scott.com

STATE OF ALABAMA
1948
3529
THE WARD ARCHITECTURE

ALBERTA TECHNOLOGY CENTER
2614 UNIVERSITY BLVD EAST
TUSCALOOSA, ALABAMA 35404

BID SET

DATE: 06/22/15
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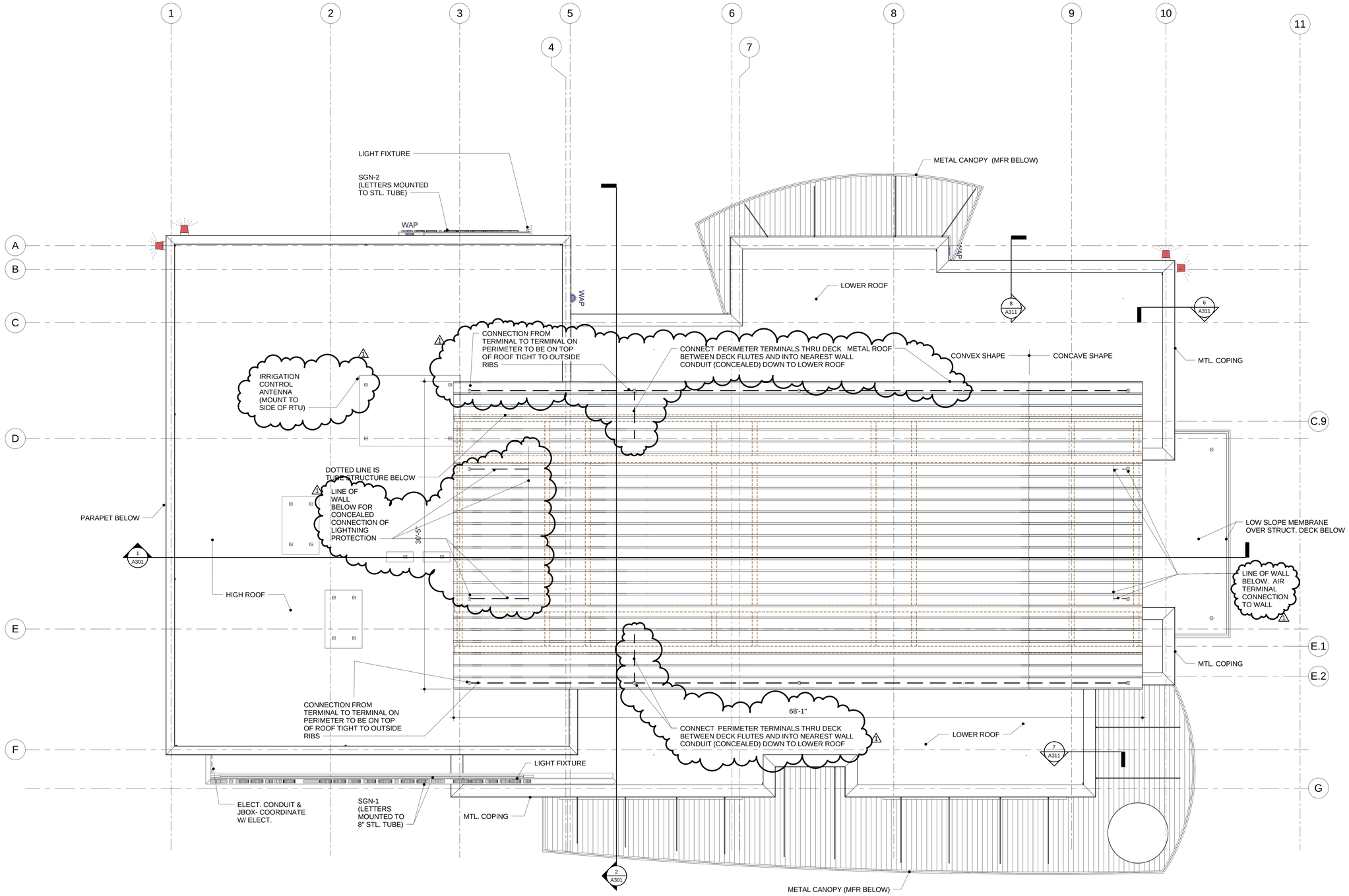
1	ADD. #2	06/30/15

SITE PLAN DETAILS

AC03



1 ROOF PLAN - UPPER ROOF PLAN
1/4" = 1'-0"

N

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2715 Seventh Street
Tuscaloosa, AL 35401
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STATE OF ALABAMA
REGISTERED ARCHITECT
1948
3529

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TUSCALOOSA, ALABAMA 35404

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DATE: 06/22/15
PROJ #: 14-028
CITY PROJ #: A15-0513

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#	DESC	DATE
1	ADD. #2	06/30/15

UPPER ROOF PLAN

A104

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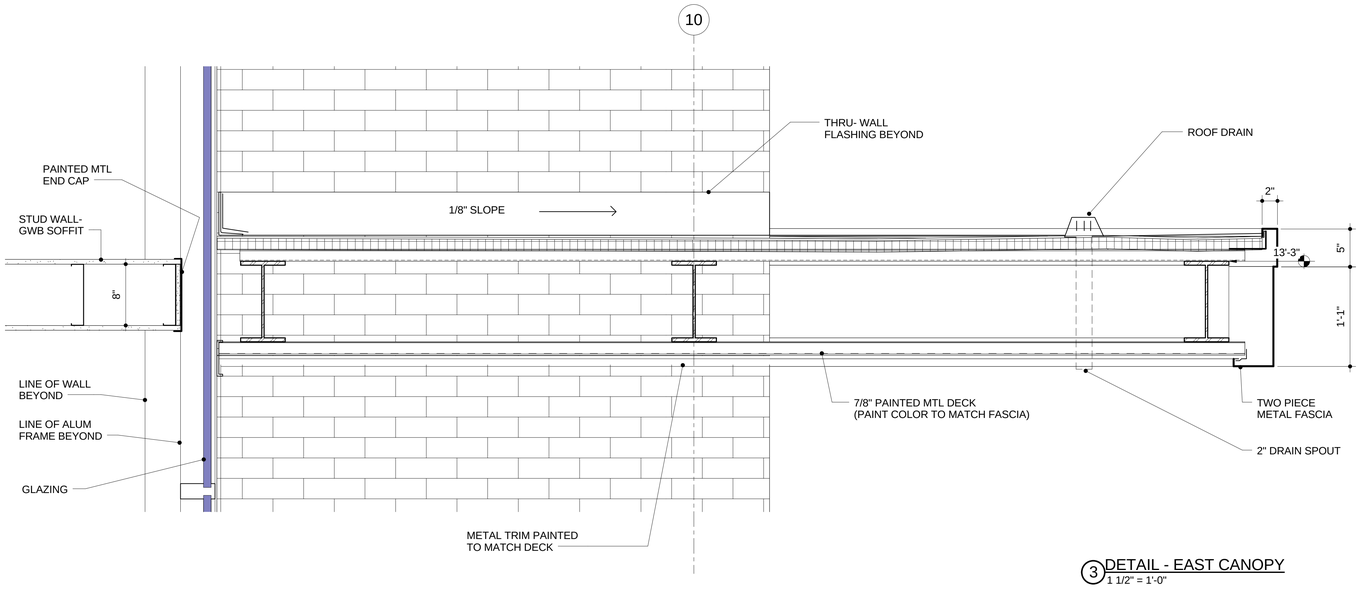
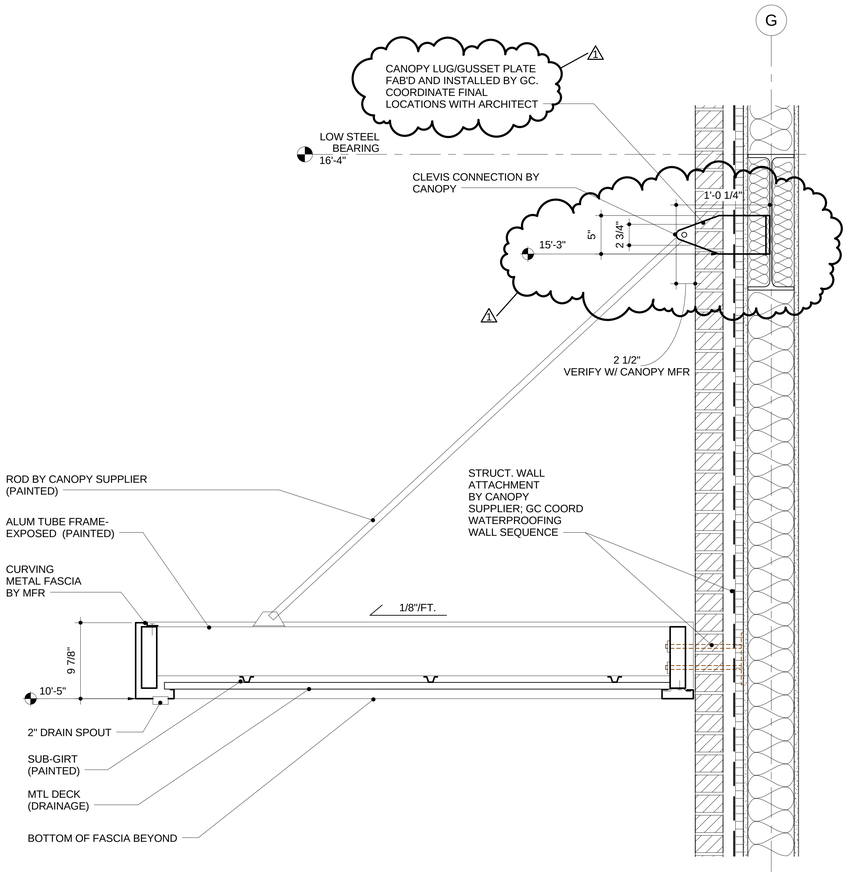
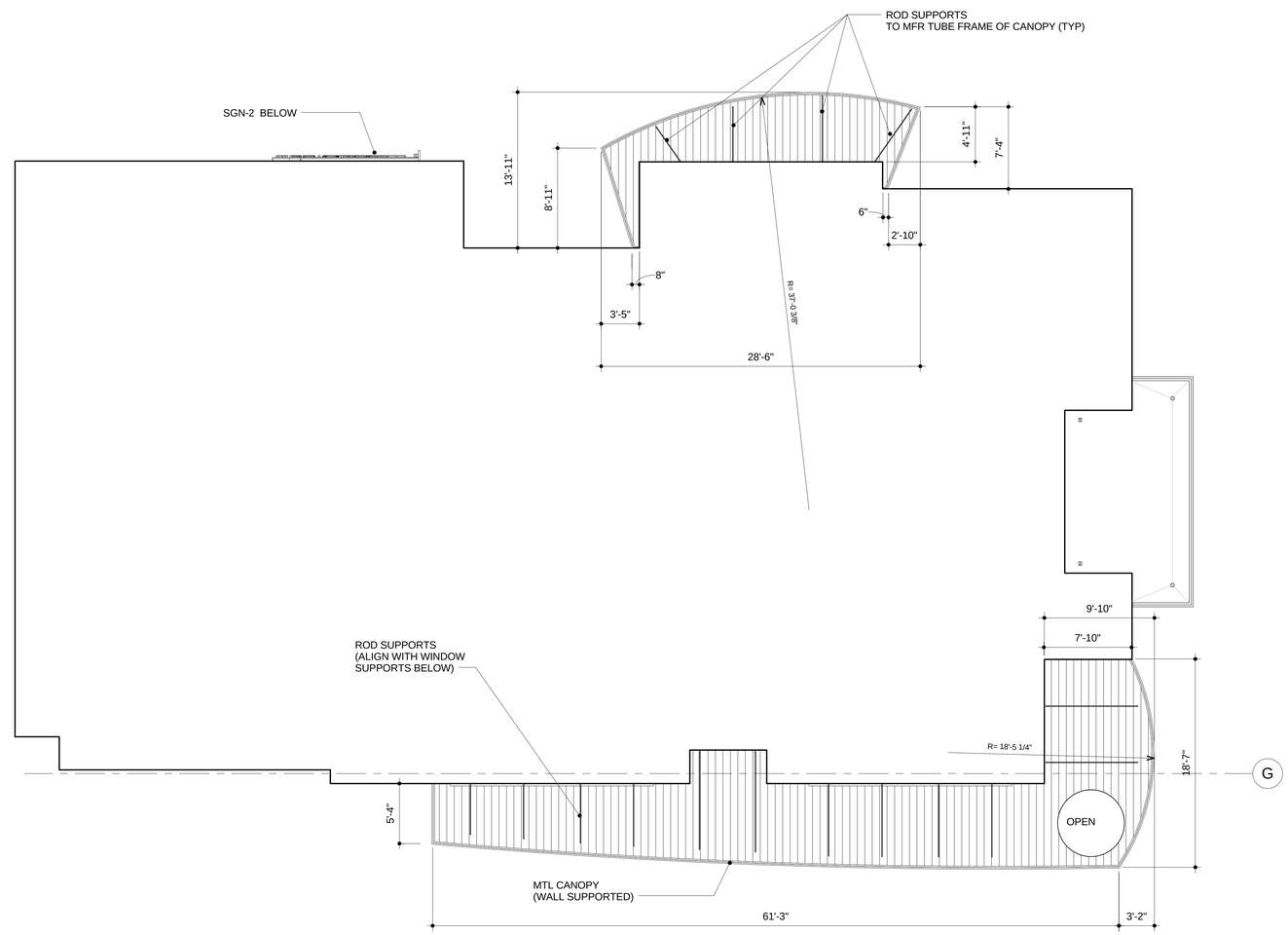


3 DETAIL - EAST CANOPY
1 1/2" = 1'-0"



2 DETAIL - PREFAB CANOPY - TYP
1 1/2" = 1'-0"



1 CANOPY DIMENSION PLAN
3/16" = 1'-0"

N

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CANOPY PLAN AND DETAILS

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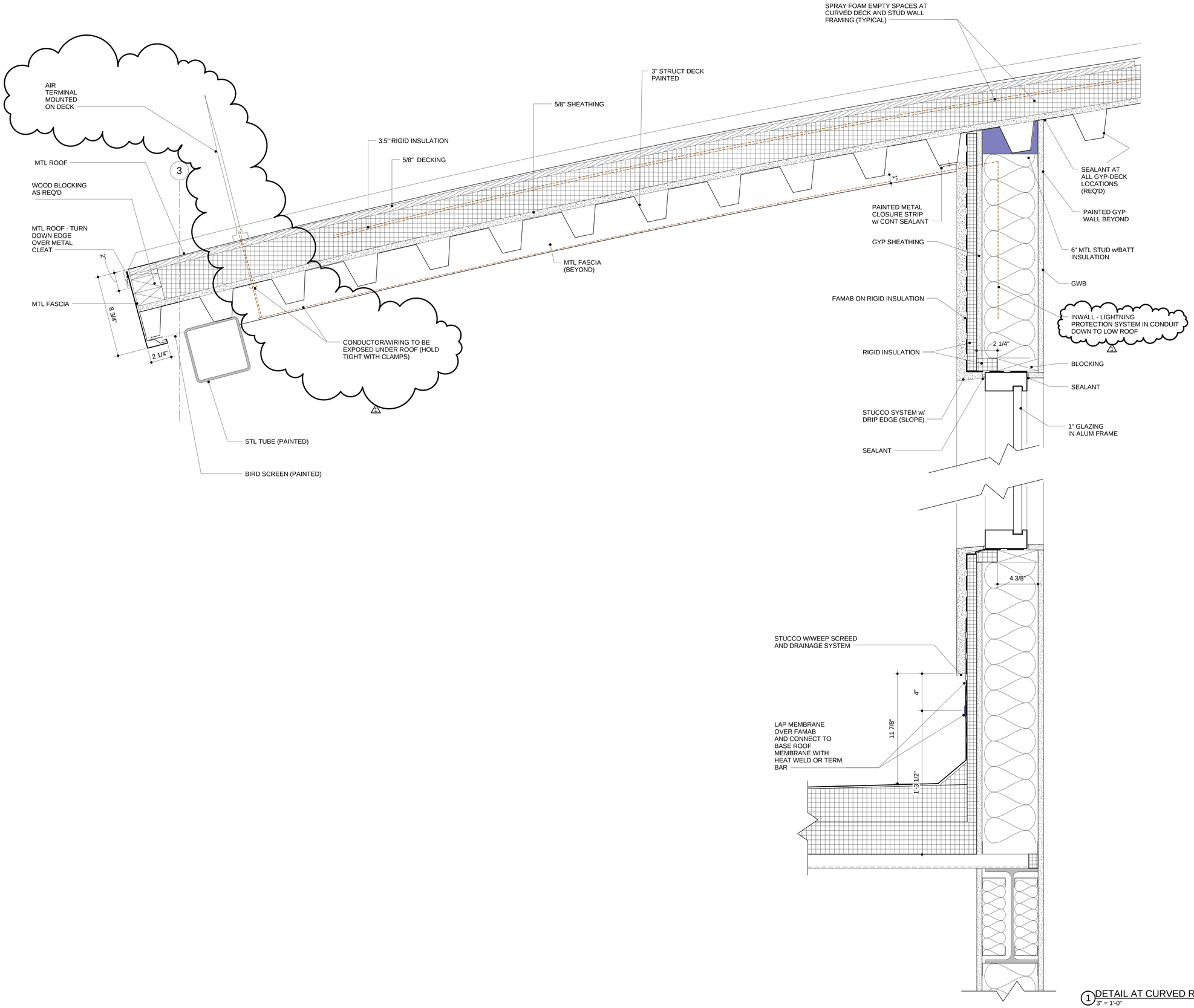

1 DETAIL AT CURVED ROOF (UPPER)
3" = 1'-0"

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DETAILS - CURVED ROOF

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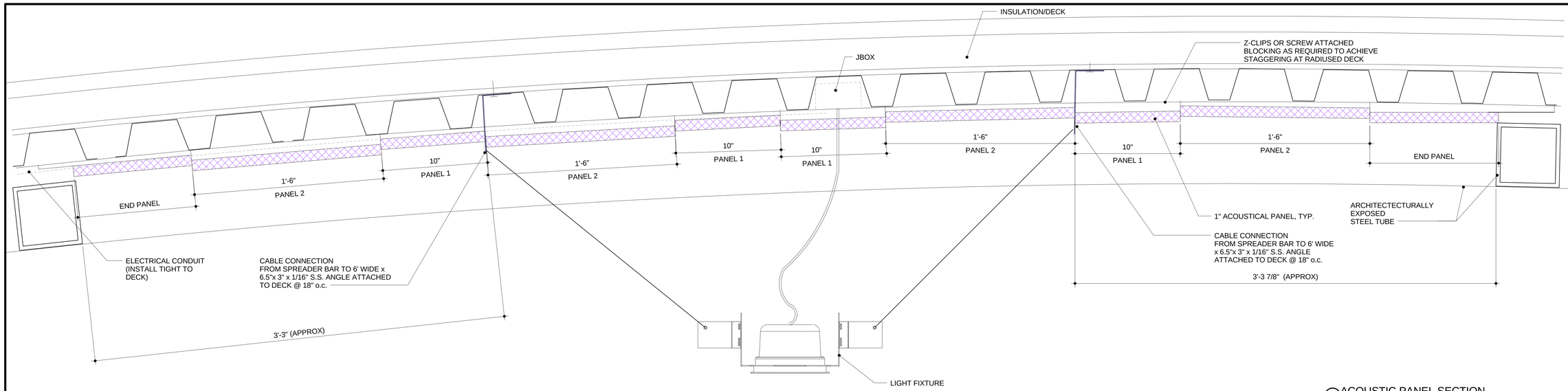
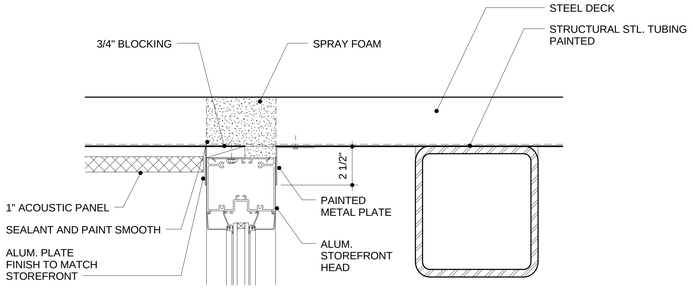
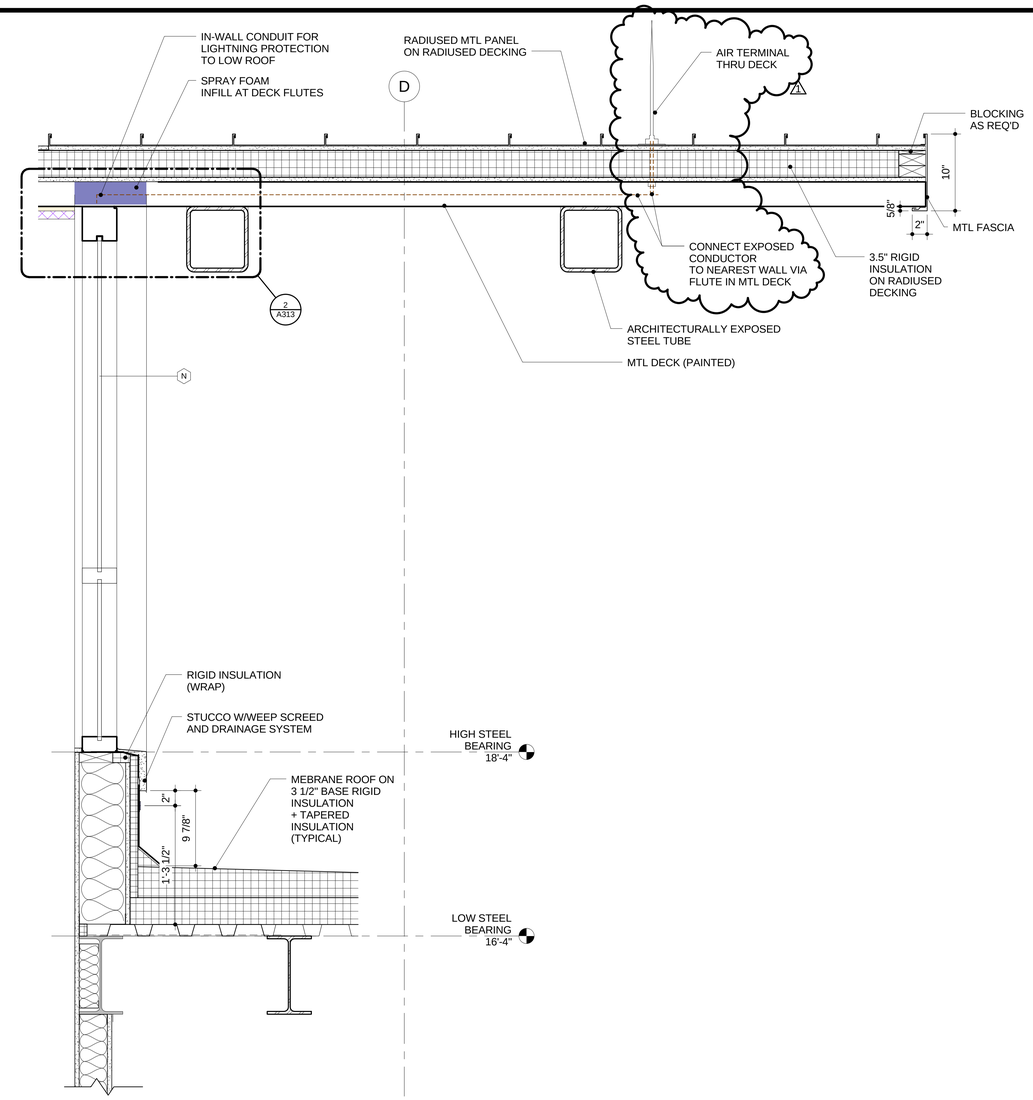


3 ACOUSTIC PANEL SECTION
3" = 1'-0"



2 STOREFRONT HEAD @ CURVED ROOF
3" = 1'-0"



1 WALL SECTION - CLERESTORY WINDOW
1 1/2" = 1'-0"

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DETAILS - CURVED ROOF

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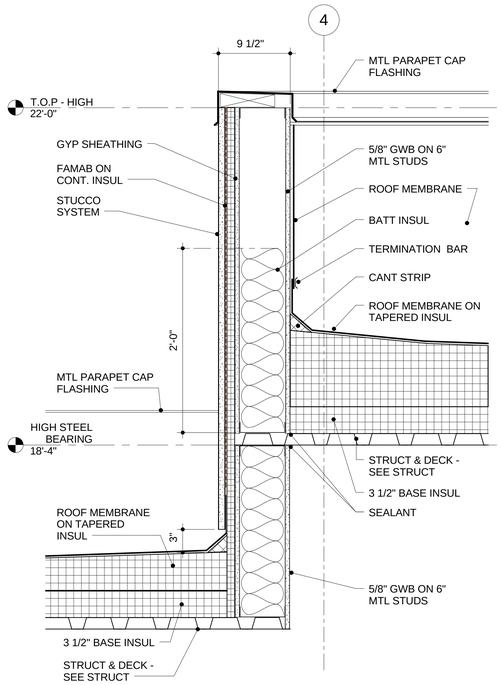
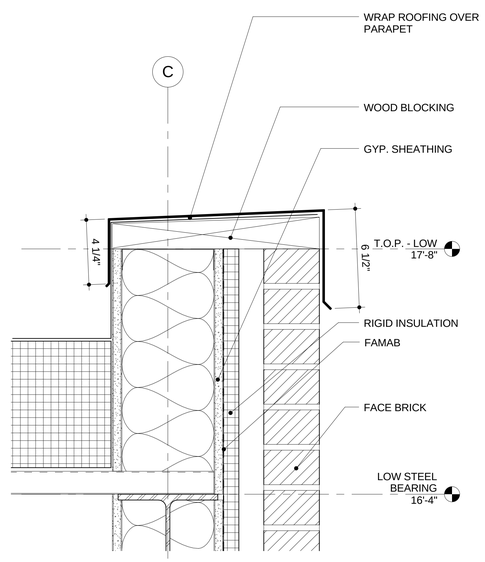
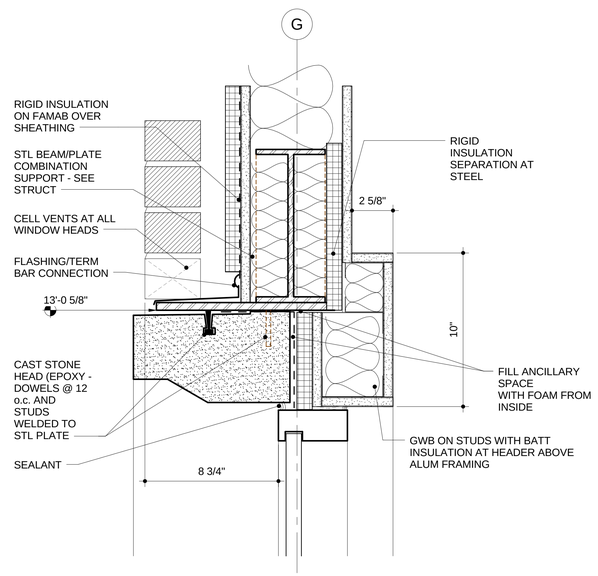


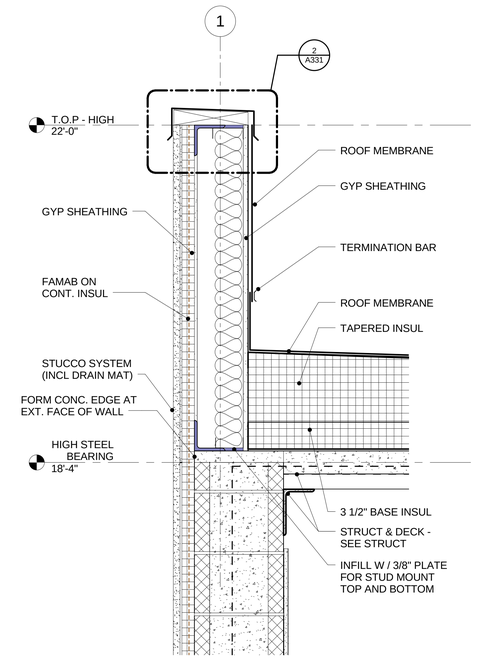
9 SECTION AT PARAPET TRANSITION
1 1/2" = 1'-0"



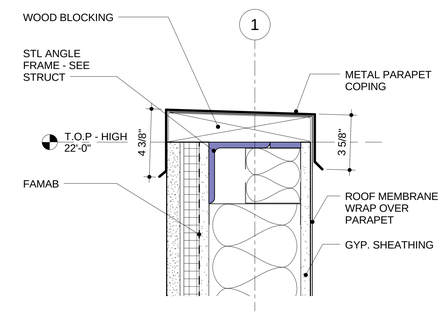
7 DETAIL - TYPICAL MASONRY PARAPET - LOW WALL
3" = 1'-0"



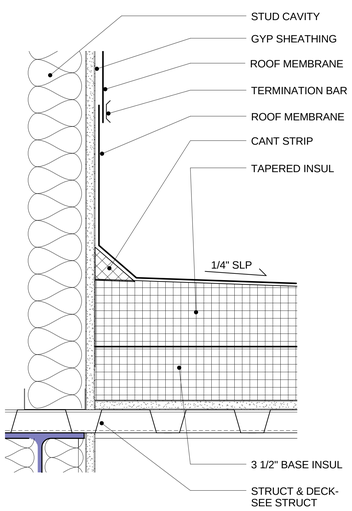
5 DETAIL @ WINDOW (CAST STONE HEAD)
3" = 1'-0"



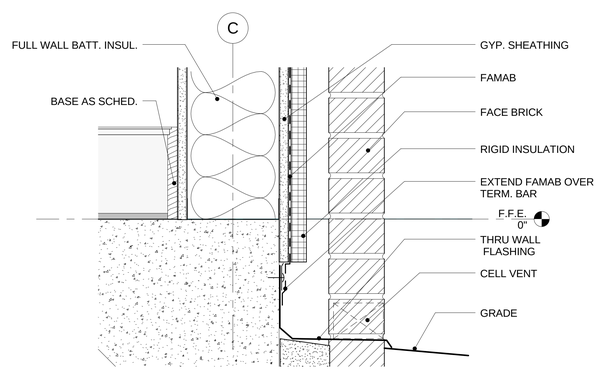
3 SECTION DETAIL
1 1/2" = 1'-0"



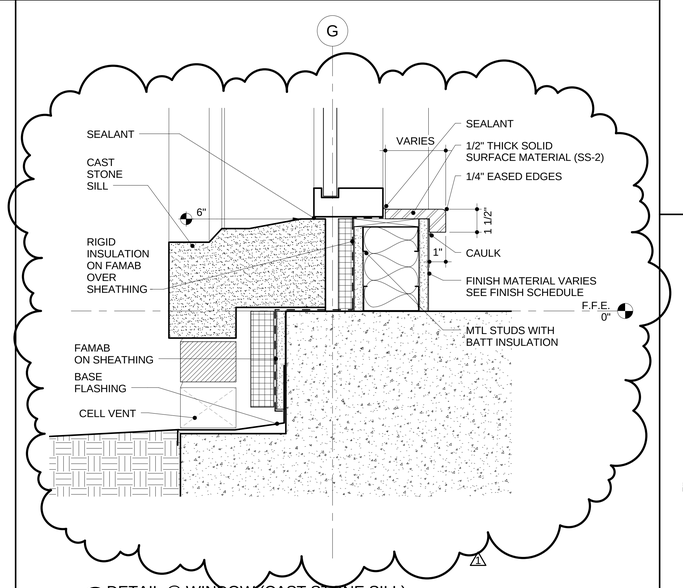
2 DETAIL @ STUCCO WALL PARAPET
3" = 1'-0"



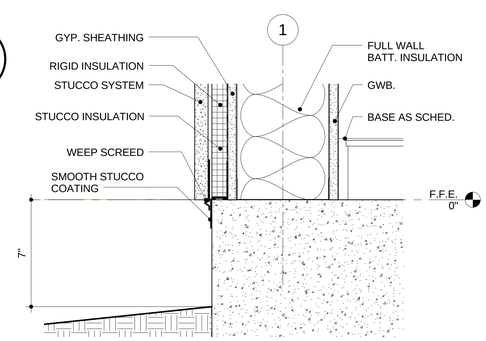
8 SECTION DETAIL
3" = 1'-0"



6 DETAIL - TYPICAL MASONRY WALL AT FOUNDATION
3" = 1'-0"



4 DETAIL @ WINDOW (CAST STONE SILL)
3" = 1'-0"



1 DETAIL - TYPICAL STUCCO WALL AT FOUNDATION
3" = 1'-0"

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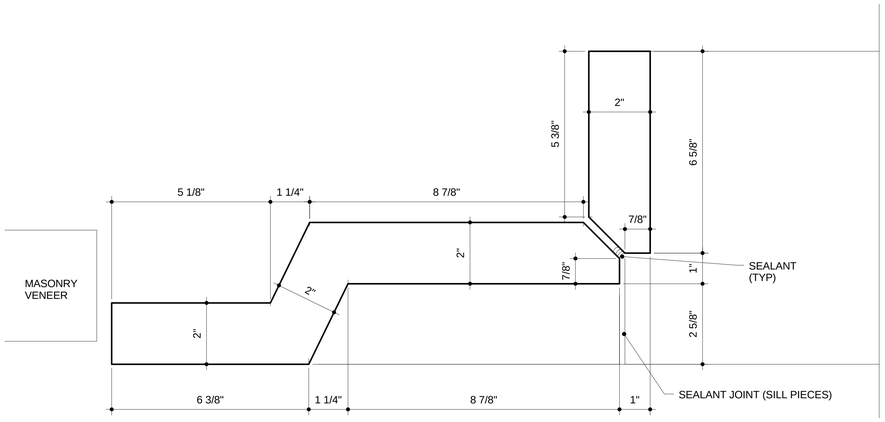
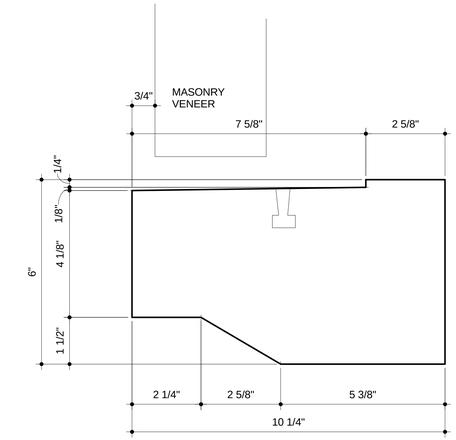
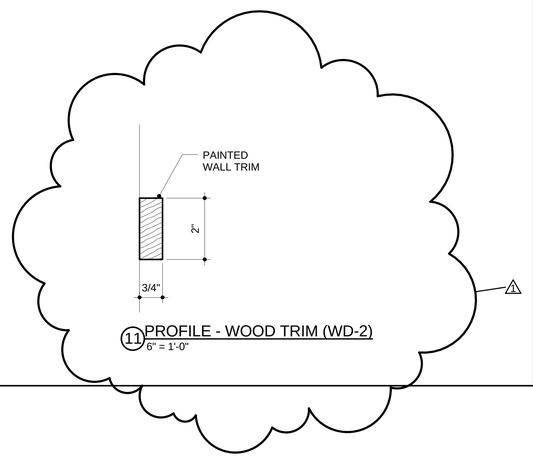


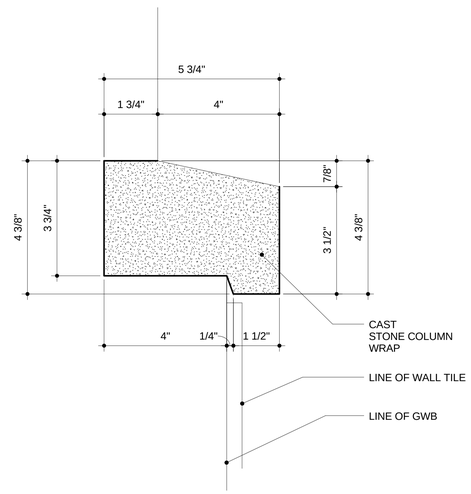
10 PROFILE - CAST STONE (EXTERIOR WINDOW JAMB)
6" = 1'-0"



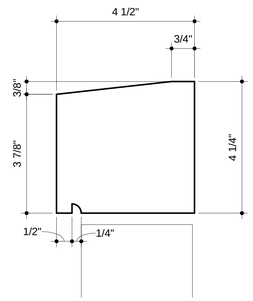
9 PROFILE - CAST STONE (EXTERIOR WINDOW HEAD)
6" = 1'-0"



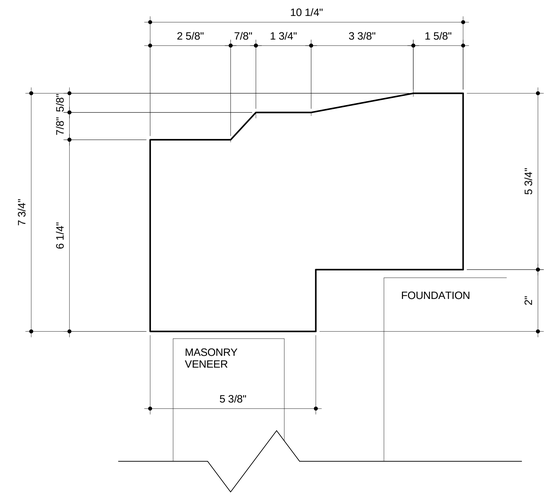
11 PROFILE - WOOD TRIM (WD-2)
6" = 1'-0"



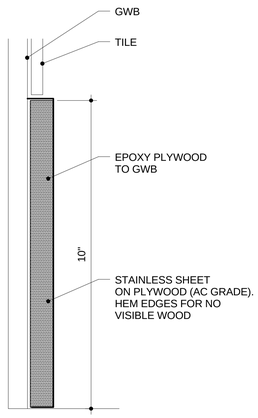
8 PROFILE - CAST STONE - INTERIOR COLUMN
6" = 1'-0"



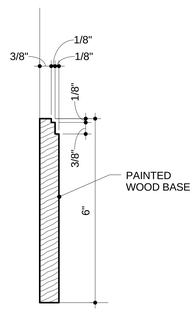
7 PROFILE - CAST STONE - SILL
6" = 1'-0"



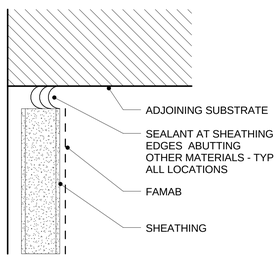
6 PROFILE - CAST STONE (EXTERIOR WINDOW SILL)
6" = 1'-0"



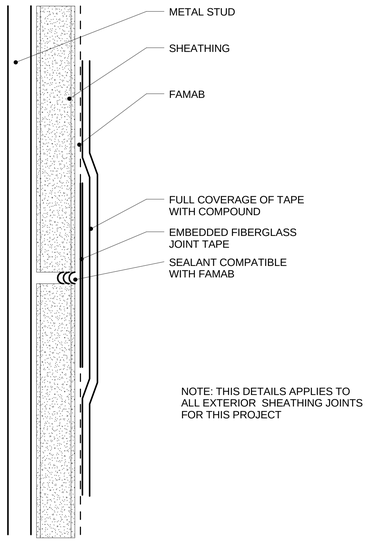
5 PROFILE (SSB-1) - INT COLS
6" = 1'-0"



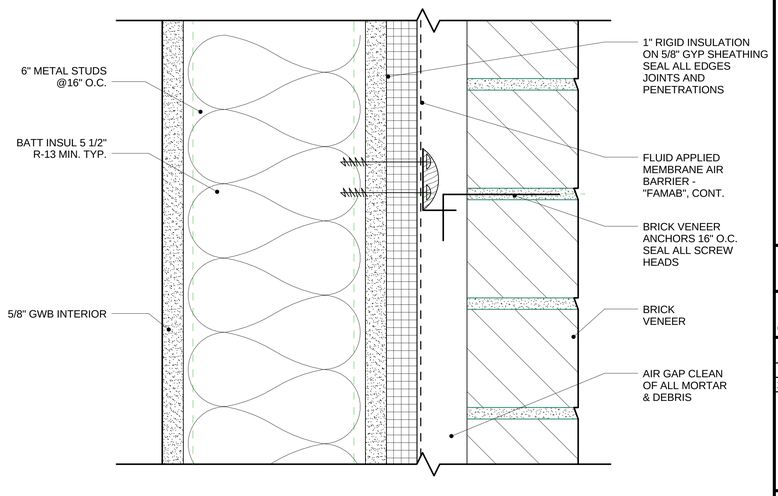
4 PROFILE - WOOD BASE (WD-1)
6" = 1'-0"



3 TYPICAL SHEATHING EDGE DETAIL
12" = 1'-0"



2 TYPICAL SHEATHING JOINT DETAIL
12" = 1'-0"



NOTE: DRAWING EXPANDED FOR CLARITY

1 TYP. BRICK VENEER WALL ASSEMBLY
6" = 1'-0"

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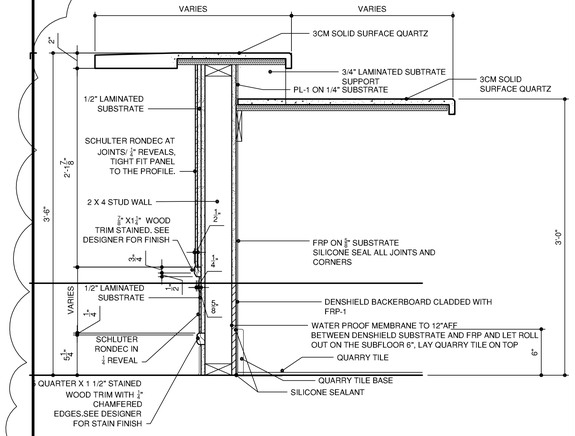
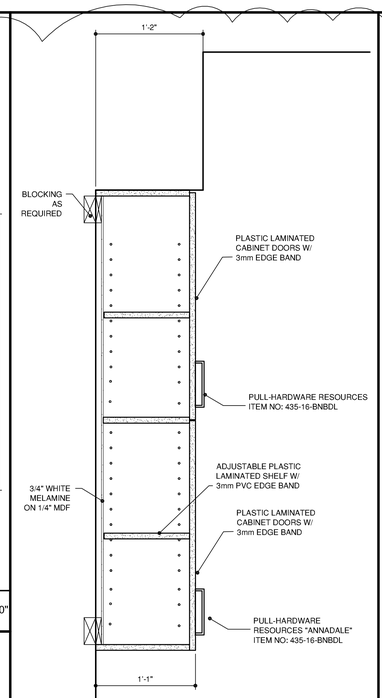
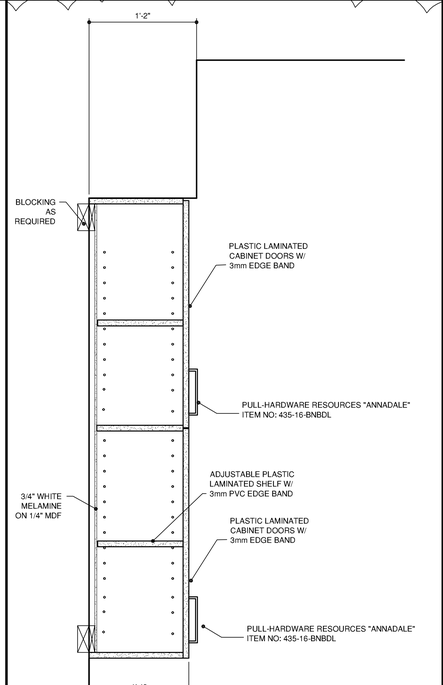
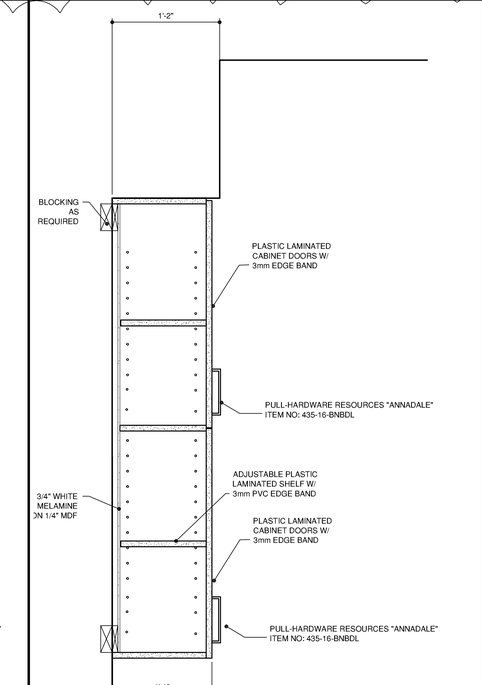
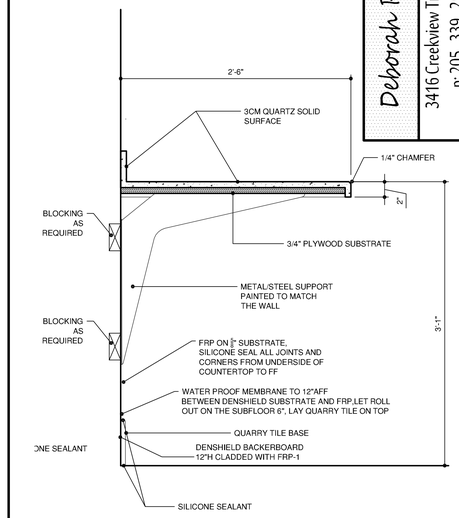


11 SECTION AT COFFEE BAR MILLWORK — SCALE: 11/2"=1'-0"

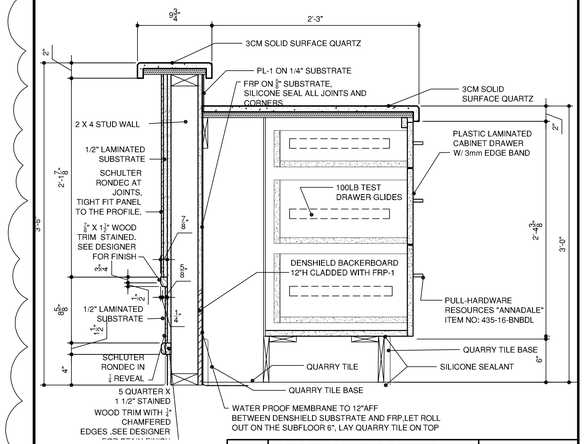




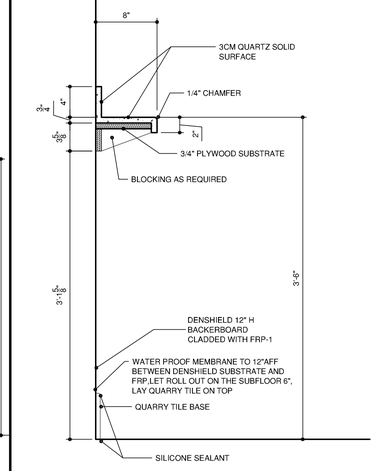




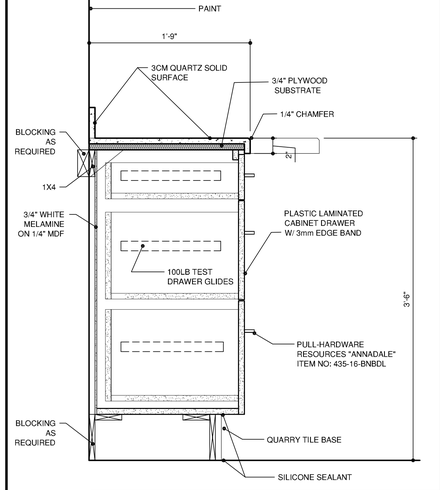
10 SECTION AT COFFEE BAR MILLWORK — SCALE: 1/4"=1'-0"



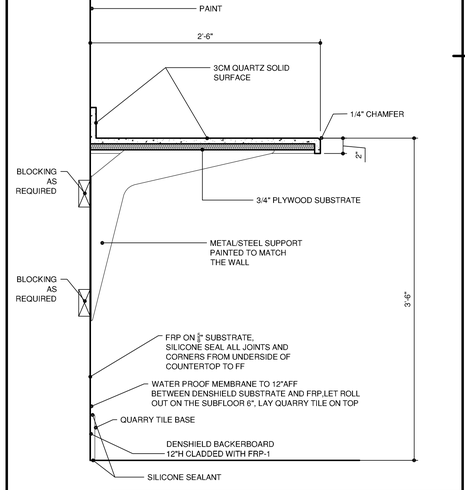
9 SECTION AT COFFEE BAR MILLWORK — SCALE: 11/2"=1'-0"



8 SECTION AT COFFEE BAR MILLWORK — SCALE: 11/2"=1'-0"



7 SECTION AT COFFEE BAR MILLWORK — SCALE: 11/2"=1'-0"



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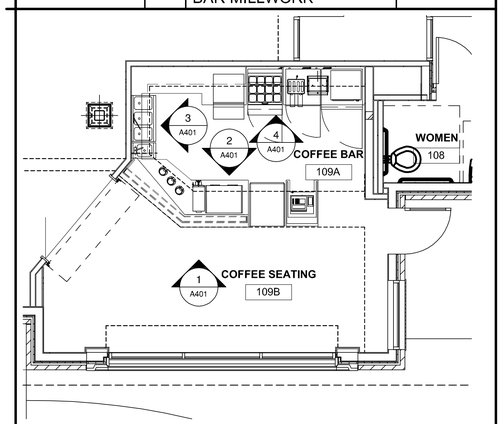
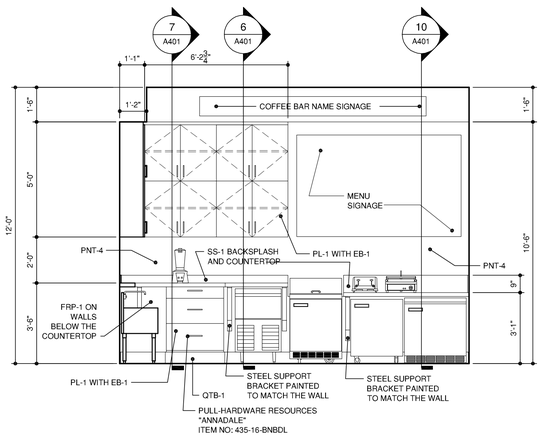
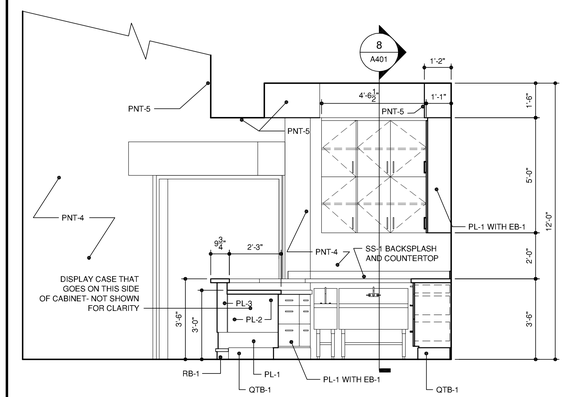


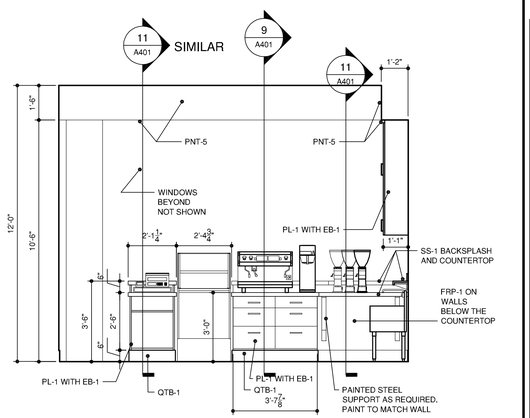
5 COFFEE BAR ELEVATION KEY PLAN — SCALE: 1/4"=1'-0"



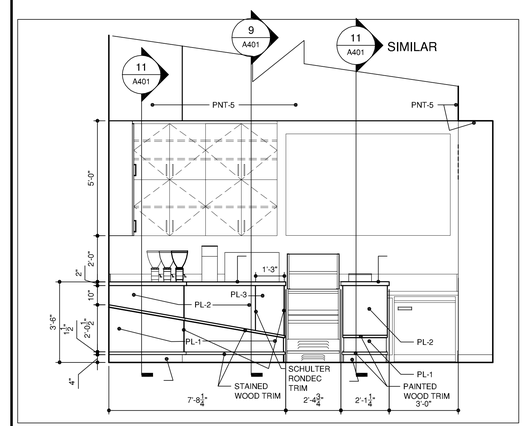
4 ELEVATION @ COFFEE BAR — SCALE: 3/8"=1'-0"



3 ELEVATION @ COFFEE BAR — SCALE: 3/8"=1'-0"



2 ELEVATION @ COFFEE BAR — SCALE: 3/8"=1'-0"



1 ELEVATION @ COFFEE BAR FRONT — SCALE: 3/8"=1'-0"

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3416 Creekview Trace Northport, AL 35473
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droy@deborahroydesign.com

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ELEVATIONS AND MILLWORK SECTIONS

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