

## **ADDENDUM NO. 1**

**Station 34  
Sedgwick County Fire District No. 1  
334 South Main St  
Wichita, Kansas**

Richard B. Kraybill, Architect  
230 Laura – Suite 105  
Wichita, KS 67211  
Voice: 316-263-0721  
www.kraybillarchitect.com

February 20, 2013

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated October 19, 2012 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum narrative consists of five pages plus six attachments (see attachments index below).

A scanned copy of the pre-bid sign-in sheet is available at:  
<http://www.sedgwickcounty.org/Purchasing/planholder/13-0002pbsi.pdf>

A scanned copy of the planholders' list is available at:  
<http://www.sedgwickcounty.org/Purchasing/planholder/13-0002PH.pdf>

### **Attachments Index:**

Approved NOI  
Sheet L1 Rev  
Sheet L2 Rev  
Sheet S1.3 Rev  
Sheet S2.1 Rev  
Sheet M1.1 Rev

**Bidders questions and comments are included in *italics* above applicable answers. Not all items have corresponding questions.**

### **Reminder:**

Bids will be received by Sedgwick County until 1:45PM CST, Tuesday, February 26, 2013. See "Invitation for Bids" and "Instructions to Bidders" in the project manual for more details.

CHANGES TO SPECIFICATIONS:

Item	Sheet	Change																														
1.	03 30 00 2.04 C	<p>Sheet S2.1 calls for Other Interior Floor Slabs: 3,000psi concrete, Specifications sheet 03 30 00-5 calls for Interior Floor Slabs on Grade to be 3,500psi. Please clarify for pricing 3,000 to 3,500psi price range is different. I think with 517lb of concrete in the mix design would make the 3,000psi actually a 3,500psi mix.</p> <p>Replace paragraph with the following:</p> <table border="1"> <thead> <tr> <th>Usage</th> <th>Cement Type</th> <th>Cement Content (Min.)</th> <th>Slump (Max. in.)</th> <th>Water / Cement Ratio</th> <th>Strength 28 day min.</th> </tr> </thead> <tbody> <tr> <td>Footings &amp; foundations</td> <td>I or II</td> <td>470 lb/cu. yd.</td> <td>4</td> <td>.50 lb/lb</td> <td>3000</td> </tr> <tr> <td>Interior slabs on grade</td> <td>I or II</td> <td>470 lb/cu. yd.</td> <td>5</td> <td>.50 lb/lb</td> <td>3000</td> </tr> <tr> <td>Columns, walls, elevated floor slabs</td> <td>I or II</td> <td>564 lb/cu. yd.</td> <td>4</td> <td>.44 lb/lb</td> <td>4000</td> </tr> <tr> <td>Ext. slabs on grades and apparatus bay floors</td> <td>I or II</td> <td>564 lb/cu. yd.</td> <td>4</td> <td>.45 lb/lb</td> <td>4000</td> </tr> </tbody> </table>	Usage	Cement Type	Cement Content (Min.)	Slump (Max. in.)	Water / Cement Ratio	Strength 28 day min.	Footings & foundations	I or II	470 lb/cu. yd.	4	.50 lb/lb	3000	Interior slabs on grade	I or II	470 lb/cu. yd.	5	.50 lb/lb	3000	Columns, walls, elevated floor slabs	I or II	564 lb/cu. yd.	4	.44 lb/lb	4000	Ext. slabs on grades and apparatus bay floors	I or II	564 lb/cu. yd.	4	.45 lb/lb	4000
Usage	Cement Type	Cement Content (Min.)	Slump (Max. in.)	Water / Cement Ratio	Strength 28 day min.																											
Footings & foundations	I or II	470 lb/cu. yd.	4	.50 lb/lb	3000																											
Interior slabs on grade	I or II	470 lb/cu. yd.	5	.50 lb/lb	3000																											
Columns, walls, elevated floor slabs	I or II	564 lb/cu. yd.	4	.44 lb/lb	4000																											
Ext. slabs on grades and apparatus bay floors	I or II	564 lb/cu. yd.	4	.45 lb/lb	4000																											
2.	03 30 00 2.04 D	Replace "517 lb/cu yd" with "470 lb/cu yd".																														
3.	04 20 00 2.02 E	Replace paragraph: Mortar color shall be 10X Lt. Buff by Solomon Colors or equal.																														
4.	08 71 00 3.03 B	Set No 9: Door 130-1 shall have a Rockwood 440-US32 floor-mounted door stop in lieu of the 409-US32 wall-mounted stop.																														
5.	09 99 00 1.02 A	<p>The following face brick colors by Acme are approved:            Buff: Glacier White            Brown: Mushroom Brown            Dark Brown: Ebony</p> <p>The following face brick colors by Lakewood are approved:            Buff: "S" White Grain            Brown: Dark Grain            Dark Brown: Graphite Grain</p> <p>The following face brick colors by Interstate are approved:            Buff: Arctic White            Brown: Cedar            Dark Brown: Ebony</p> <p>Replace the following face brick color by Cloud Ceramics:            Buff: Light Ivory in lieu of Coronado</p>																														

- In the specifications 09 99 00-4, L. Stained, polished, sealed Concrete Floor, Should this be integral colored concrete, if so specify how many pounds of color to cement ratio is required.*
6. 09 99 00 1.03 L This is an integrally-colored mix. Per Solomon, color as specified is 25lbs of color added to 4 cubic yards of concrete.
7. 09 99 00 1.03 N The following ground face block colors by Raystone are approved:  
GFB1: Black Ruby  
GFB2: Tumbleweed
8. 09 99 00 1.03 N The following ground face block colors by Featherlight are approved:  
GFB1: Onyx  
GFB2: Mojave
- Can you give me the measurements of the Building ID Letters? They are listed in the Signage specs under 2.02 Building ID and shown on G100 but not described on A200 Exterior Elevations.*
9. 10 14 00 2.02 A See Monument Sign on Sheet SP100 for building identification signage.
- What is the required method for producing the logo on the room signs? Will it be screen printed, printed full color vinyl decal or engraved and paint filled? Or other process?*
10. 10 14 00 2.03 The Fire District's logo may be a sub-surface color vinyl decal.
11. 23 00 10 Paragraph 32 PLUMBING FIXTURES
- P-8 SINK:  
Revise as follows: Elkay ELUH-3120 31-1/4" x 20-1/2", "Lustertone", 18 ga. double compartment UNDERMOUNT stainless steel sink with (1) 14" x 18" x 9-7/8" bowl and (1) 13-1/2" x 16" x 7-7/8" bowl.
- P-17 SINK:  
Delete the fixture specification in its entirety and replace with the following: Elkay ELUHAD-3120 31-1/4" x 20-1/2" x 4-1/2" d, "Lustertone", 18 ga. double compartment UNDERMOUNT stainless steel sink with (1) 14" x 18" bowl and (1) 13-1/2" x 16" bowl. Furnish Delta #4380-DST single lever (3 hole) mixing faucet with 9-1/2" "high arc" swing gooseneck spout with aerator, and hose with spray; In-Sink-Erator "Evolution Compact" 3/4 H.P, 115/60/1, garbage disposer, (maximum 8" diameter), with (2) grind stages; (1) Dearborn #18T stainless steel basket strainer with tailpiece; (2) traps (with separate waste connections) and supplies with stops as previously specified. Furnish and install (2) hot water stops in cabinet and connect hot water to dishwasher (furnished by others) and waste to disposal body with waste hose "looped" up to bottom of counter top between garbage disposer connection and dishwasher connection. Mechanical Contractor to furnish specified sink and deliver to the solid surface contractor for factory fabrication into the counter top.

CHANGES TO DRAWINGS:

Item	Sheet	Change
1.	C4	<p><i>For the "Sedgwick County Fire District No. 1" project that bids on Friday, the plans for the waterline are calling for a 12"x12" Tapping Sleeve with a 12" Gate Valve and a 12"x8" Reducer. Could we install a 12"x8" Tapping Sleeve with an 8" Gate Valve instead?</i></p> <p>12" x 8" Tapping Sleeve with an 8" Gate Valve is acceptable. All components and construction shall be per City of Haysville Standards for Waterline Construction.</p>
2.	C5	<p>See attached <a href="#">Notice of Intent</a>. Note the attached conditions on the last page of the document.</p>
3.	L1 & L2	<p><i>On sheets L1 &amp; L2 of the plans along the east between the existing fence and concrete pavement running north to south shows what appears to be a storm drainage system with curb inlets and possible area inlets and the line at the north property line heads west to west property line. Sheet C4 Site Utility Plan does not show this, please clarify the intent.</i></p> <p>See enclosed replacement <a href="#">Sheets L1 &amp; L2</a>. These original sheets indicated an old storm sewer design that is not in this contract.</p>
4.	A400	<p><i>Is the field tile in showers 6x6 in size?</i></p> <p>Field tile (CT1) is 6x6 in the showers and the kitchen.</p>
5.	A400/A401	<p><i>In RR's, does the ct stop at inside of shower or does it wrap to the outside?</i></p> <p>Ceramic wall tile and base terminates inside the shower enclosure.</p>
6.	A600	<p><i>In RR 128, does just the shower get ceramic or does the whole floor get ceramic w/ct cove base?</i></p> <p>RR 128 does receive ceramic tile and base throughout – CT4 per 09 99 00. Only the shower receives ceramic tile on the wall.</p>
7.	S1.3	<p>See enclosed <a href="#">revision sheet</a> for placement and reinforcing requirements at openings in the south wall of Rm 125.</p>
8.	S2.1	<p>See enclosed <a href="#">revision sheet</a> for revised Lintel Schedule.</p>
9.	M1.1	<p>Add Fire Dampers in the (2) 14" round duct penetrations of the fire rated wall between Rooms 129 &amp; 130 as shown on the <a href="#">attached drawing</a>. Fire dampers mounted in fire rated wall penetrations shall have 1-1/2 hour Static rating conforming to NFPA Bulletin 90A and shall bear the U.L. Install in accordance with the SMACNA "Fire Damper and Heat Stop Guide for Air Handling Systems." Low Velocity fire dampers shall be factory installed in a 12" long 20 ga. galvanized steel sleeve with factory spot welded seams for attachment to the ductwork. Damper Sleeves shall be secured in the wall with full perimeter 1-1/2", 20 ga. angles, fastened to the sleeve with screws on 12" centers. Provide factory fabricated and insulated access doors and install in the ductwork as required to service the dampers. Access doors shall be a minimum of 12" x 12" except where duct size prevents it in which case they shall be 6" x 12".</p>

10. M1.1 Revise the location of the engine exhaust system track and associated duct connection as shown on the [attached drawing](#).
11. E1.1 Light Fixture Schedule: Replace Fixture D1 with the following: Delray #ST44228-(2)411-(1)SPF-(1)SRB with (2) 28T5/841 lamps. Coordinate exact placement with architect prior to rough-in.
12. E1.2 Distribution Diagram: Delete "Future 3" conduit only" between panels E2 and E3.
13. E1.3 FACP in Rm 103: Connect sprinkler flow and tamper valves to the fire alarm control panel. Valves are located in Rm 104.
14. E2.1 Control Center Layout: Bay lights shall be labeled "East" and "West" in lieu of "North" and "South".
15. E2.1 Power Plan: E.C. to provide and install a 30A 120V cord reel in the left-rear portion of the south-east vehicle bay. Verify placement with Architect prior to rough-in. Same requirements as Special Outlet #1 except 30A 120V. Branch circuit from Panel E1.
16. E2.1 See revision to Sheet S1.3 in this addendum for placement requirements for power panels M1, E1 and the ATS at the south wall of Rm 125 (Apparatus Bay).
17. E3.1 Low voltage switches on south wall, east of the control panel shall be re-located to the north wall, east of alcove 121.
18. E4.1 Mechanical Power Plan: Mechanical control wiring by E.C. Refer to mechanical plans and specifications for requirements.

SUBSTITUTION REQUESTS:

1. 03 30 00 2.01 N Spec Rez by SpecChem is an approved liquid membrane curing compound.
2. 07 21 00 2.01 A Certifoam 25SE is an approved extruded styrene board for this project.
3. 08 41 00 1.06 A Arcadia is an approved manufacturer of aluminum-framed entrances and storefronts.
4. 08 51 00 1.04 A Arcadia and Peerless are approved manufacturers of aluminum windows.
5. E1.2 No substitutions allowed for specified Emergency Generator.

End of Addendum

NOTICE OF INTENT (NOI)



For Authorization to Discharge Stormwater Runoff from Construction Activities  
 In accordance with the Kansas Water Pollution Control General Permit  
 Under the National Pollutant Discharge Elimination System (NPDES)

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form requests authorization for coverage under the Kansas Water Pollution Control general permit, or KDHE issued successor permits, issued for stormwater runoff from construction activities in the State of Kansas. Becoming a permittee obligates the discharger to comply with the terms and conditions of the general permit. **Completion of this NOI does not provide automatic coverage under the general permit. Coverage is provided and discharge permitted when the Kansas Department of Health and Environment (KDHE) authorizes the discharge of stormwater runoff from the construction activities identified on the NOI and supporting documentation. A signed and dated copy of the first page of the NOI indicating the Authorization will be provided to the owner or operator, or all three pages for Conditional Authorizations.** Upon authorization of the construction activity discharge, a Kansas permit number and a Federal permit number will be assigned to the construction project. **A complete request for Authorization for coverage under the general permit must be submitted or the request will not be processed (see listing on Page 3 of this NOI).** KDHE will notify owners or operators whose Notice of Intent (NOI) and supporting documentation for Authorization of stormwater runoff associated with construction activities are incomplete, deficient, or denied.  
 Please Print or Type.

**I. OWNER OR OPERATOR ADDRESS, BILLING, CONTACT & RECORDS LOCATION INFORMATION**

<p>A. Owner or Operator's Name: <u>Sedgwick County Fire District No. 1</u>          Company Name: <u>Sedgwick County Fire District No. 1</u>          Owner or Operator's Phone: <u>316.660.3473</u>          Mailing Address: <u>7750 N. Wild West Drive</u>          City: <u>Park City</u> State: <u>KS</u> Zip: <u>67147</u></p>	<p>C. Contact Name: <u>Rob Lawrence</u>          Company Name: <u>Sg. Co. Facility Project Services</u>          Contact Phone: <u>316.660.9865</u>          Mailing Address: <u>538 N. Main</u>          City: <u>Wichita</u> State: <u>KS</u> Zip: <u>67203</u>          E-mail Address (optional): _____</p>
<p>B. Billing Contact Name: _____          Billing Contact Address (if different): _____          City: _____ State: <u>KS</u> Zip: _____</p>	<p>D. Address where records will be kept (if not on-site):          Records Address: _____          City: _____ State: _____ Zip: _____</p>

**II. SITE INFORMATION**

<p>A. Project Name: <u>SCFD No. 1 - Station 34</u>          Site Address: <u>334 N. Main Street</u>          City: <u>Haysville</u> State: <u>KS</u> Zip: <u>67060</u>          (Nearest City to Project) County: <u>Sedgwick</u></p>	<p>B. LEGAL SITE DESCRIPTION:          _____ QTR of _____ QTR of <u>SW</u> QTR Section: <u>32</u>          Township: <u>28</u> South; Range: <u>1</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W          Latitude: <u>37-34-08</u> Longitude: <u>- 97-21-06</u>          Deg. Min. Sec. Deg. Min. Sec.</p>
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For Official Use Only:

Received <b>RECEIVED</b>  NOV 19 2012  BUREAU OF WATER	Amount Paid: <u>\$60</u>	Authorized: <input checked="" type="checkbox"/> Y; <input type="checkbox"/> N
	Date: <u>11-19-12</u>	Is Authorization Conditional? <input checked="" type="checkbox"/> Y; <input type="checkbox"/> N (if yes, see page 3 of NOI for conditions)
	Initials: <u>dg</u>	 Reviewer <u>12/15/12</u> Date
	Check No.: <u>38135</u>	
Secretary, Kansas Department of Health and Environment		
KS Permit No.: <u>S-AR43-0031</u>		Federal Permit No.: <u>KSR108853</u>

Send completed 3 page NOI form with original signature and all appropriate submittals (see page 3 of NOI) to:

Note: A copy of the permit can be obtained at: [www.kdheks.gov/stormwater](http://www.kdheks.gov/stormwater) or by submitting a written request to KDHE.

Kansas Department of Health and Environment  
 Bureau of Water, Industrial Programs Section  
 1000 SW Jackson, Suite 420  
 Topeka, KS 66612-1367

**KDHE Contact Information:**  
 Phone: (785) 296-5545  
 E-mail: [stormwater@kdheks.gov](mailto:stormwater@kdheks.gov)

**Fire Station 34**  
**Sedgwick County Fire Dist. No. 1**  
**Addendum No. 1 Attachment**

Project Name: Sedgwick County Fire District No. 1 - Station 34

Notice of Intent (NOI)

**C. EXISTING CONDITIONS/USES**

- 1) Is any part of the project located on Indian Country land?  Y;  N  
If yes: Contact EPA regarding discharging stormwater runoff from industrial activities on Indian Country land.
- 2) If stormwater runoff drains to or through a Municipal Separate Storm Sewer System (MS4): MS4 Name: Haysville Municipal System
- 3) Name of the first receiving water, stream, or lake: Wichita-V.C. Floodway, River Basin: Arkansas River Basin
- 4) Are contaminated soils present on the site or is there groundwater contamination located within the site boundary?  Y;  N  
If yes: On separate paper please explain in detail the locations, contaminants and concentrations.
- 5) Are there any contaminated soils that will be disturbed or any contaminated groundwater that will be pumped by the proposed construction activity?  Y;  N  
If yes: On separate paper provide a description of the special erosion and sediment control measures to be utilized.
- 6) Are there any surface water intakes for public drinking water supplies located within 1/2 mile of the site discharge points?  Y;  N
- 7) Are there any known historical or archeological sites present within the site boundary or any historic structures located within 1000 feet of the project site?  Y;  N  
Note: Include documentation of project-specific coordination with the Kansas Historical Society in making this determination.
- 8) Is any threatened or endangered species habitat located within the site boundary or in the receiving water body?  Y;  N  
Note: Include documentation of project-specific coordination with the Kansas Department of Wildlife, Parks & Tourism in making this determination.
- 9) Will the project impact the line or grade of a stream or does it include dredge or fill of a potential jurisdictional water body or wetlands?  Y;  N  
If yes: Include documentation of project-specific coordination with the US Army Corps of Engineers and/or the Kansas Department of Agriculture, Division of Water Resources in making this determination.
- 10) Are any Critical Water Quality Management Areas, Special Aquatic Life Use Waters, or Outstanding National Resource Waters located within 1/2 mile of the facility boundary?  Y;  N  
If yes, list the names of all such areas and waters: \_\_\_\_\_

**D. PROJECT DESCRIPTION**

- 1) Project Description: Construction of new fire station with curb and gutter, concrete parking lot and supporting utilities for the site.
- 2) Does this NOI include all proposed soil disturbing activities associated with the entire common plan of development?  Y;  N  
If no, explain what development areas of the site are not included in this NOI and provide contact information, if available, for the party or parties that own or have operational control of these areas:  
\_\_\_\_\_  
\_\_\_\_\_
- 3) Anticipated project Start Date: December 2012, and Completion Date: December 2016
- 4) Estimated total area to be disturbed: 1.42 Acres Total area of the site: 1.42 Acres
- 5) Do you plan to disturb ten or more acres that are within a common drainage area?  Y;  N  
If yes, will a sedimentation basin be installed in that drainage area? (Attach design calculations for each sedimentation basin.)  Y;  N  
If a sediment basin is not feasible, on a separate sheet explain what similarly effective erosion and sediment control measures will be implemented in lieu of a sedimentation basin.

**E. Maps**

Include an area map showing the outline of the construction site and the general topographic features of the area at least one mile beyond the project site boundary.

**F. EROSION CONTROL PLAN AND BEST MANAGEMENT PRACTICES**

- 1) Provide a site plan showing the existing contour, proposed contour, the erosion control measures and the locations of stormwater management or pollution control features including BMPs. Incorporate details and notes as necessary to describe the erosion control plans and BMPs.
- 2) Provide a description of the best management practices which will be utilized to control erosion, sedimentation and other pollutants in stormwater runoff during construction.

**Fire Station 34**  
**Sedgwick County Fire Dist. No. 1**  
 Addendum No. 1 Attachment

Project Name: Sedgwick County Fire District No. 1 - Station 34

Notice of Intent (NOI)

- 3) Provide a summary of the sequence of major soil disturbing activities and the corresponding erosion control measures or BMPs.
- 4) Provide the name and License or Certification Number of the engineer, geologist, architect, landscape architect, or Certified Professional in Erosion and Sediment Control (CPESC) under which the construction stormwater pollution prevention plan has been developed.

<u>Mike Stump, PE</u>	<u>15629</u>	<u>Engineer</u>
Name	License or Certification Number	Profession or Field (Engineer, Architect, etc.)

**III. ANNUAL FEE**

Enclose a check for the first year of the annual permit fee specified in K.A.R. 28-16-56 et seq. as amended. Make the check payable to "KDHE". Per K.A.R. 28-16-56, as amended, the current annual permit fee for this general permit is \$60. An invoice for the annual permit fee will be sent to the contact person requesting a permit until such time as the permittee submits a Notice of Termination (NOT).

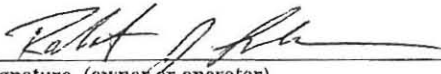
Failure to pay the annual fee will result in termination of the construction stormwater discharge Authorization.

**IV. OWNER OR OPERATOR CERTIFICATIONS**

I, the undersigned, certify that a Stormwater Pollution Prevention Plan (SWP2 Plan) will be or has been developed for the construction site described in this NOI and supporting documentation. I further certify that the plan will be implemented at the time construction begins, and, as required by the NPDES general permit for Stormwater Runoff from Construction Activity, will revise the SWP2 plan if necessary.

I understand that continued coverage under the NPDES general permit for Stormwater Runoff from Construction Activities is contingent upon maintaining eligibility as provided for in the requirements and conditions of the general permit, and paying the annual fee.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

	<u>11/13/12</u>
Signature (owner or operator)	Date
<u>ROBERT J. LAWRENCE, SENIOR PROJECT MANAGER</u>	
Name and Official Title (Please print or type. Form with original signature must be sent to KDHE.)	

**Conditions of Authorization - For Official Use Only:**

When indicated, Conditions of Authorization are as follows:

*Authorization is based on the conditions specified in the attached sheet.*

*10/16*

A complete request for Authorization for coverage under the general permit must be submitted or the request will not be processed. A complete request for Authorization includes:

- An NOI form (construction stormwater) with an original authorized signature;
- The annual permit fee for the first year; (\$60.)
- An area map showing the outline of the construction site and the general topographic features of the area at least one mile beyond the project site boundary;
- A detailed site plan showing the existing contours, proposed contours, erosion and sediment control features, locations where stormwater runoff leaves the construction site;
- A narrative summary of the additional erosion and sediment control and other best management practices that will be utilized to prevent or reduce contamination of stormwater runoff from the construction activities;
- Total drainage area, storage capacity and design calculations for each sedimentation basin; and
- Copies of letters or e-mails documenting coordination with appropriate local, state or federal agencies.



Project: SCFD No. 1 - station 34

**Fire Station 34**  
**Sedgwick County Fire Dist. No. 1**  
Addendum No. 1 Attachment

Authorization Date and Signature: 12/18/12 Terry O. Hook

Condition of Authorization:

Authorization is based on the following condition:

- 1) Revise the Temporary Stabilization requirements under the "Stabilization Practices" section and the "Timing of Controls/Measures" section of the SWPPP to require stabilization of disturbed areas whenever soil disturbing activities have permanently ceased or temporarily ceased and will not resume for a period exceeding 14 days (not 21 days). Initial stabilization activities must be completed within 21 days.
- 2) Revise Erosion Control Notes 2 and 3 on Sheet C5 to require stabilization of disturbed areas whenever soil disturbing activities, including construction, have permanently stopped or temporarily stopped for longer than 14 days (not 15 days). Please also require stabilization activities to be completed within 21 days, not 30 days as indicated in Note 2. Also, please note that application of mulch is considered an adequate stabilization practice (except for steep slopes); but seeding alone is not considered an adequate stabilization practice.

Fire Station 34  
 Sedgwick County Fire Dist. No. 1  
 Addendum No. 1 Attachment

**Baughman**  
 ENGINEERING | SURVEYING | PLANNING  
 LANDSCAPE ARCHITECTURE

Baughman Company, P.A.  
 315 Ellis Wichita, KS 67211  
 P316-262-7271 F316-262-0149

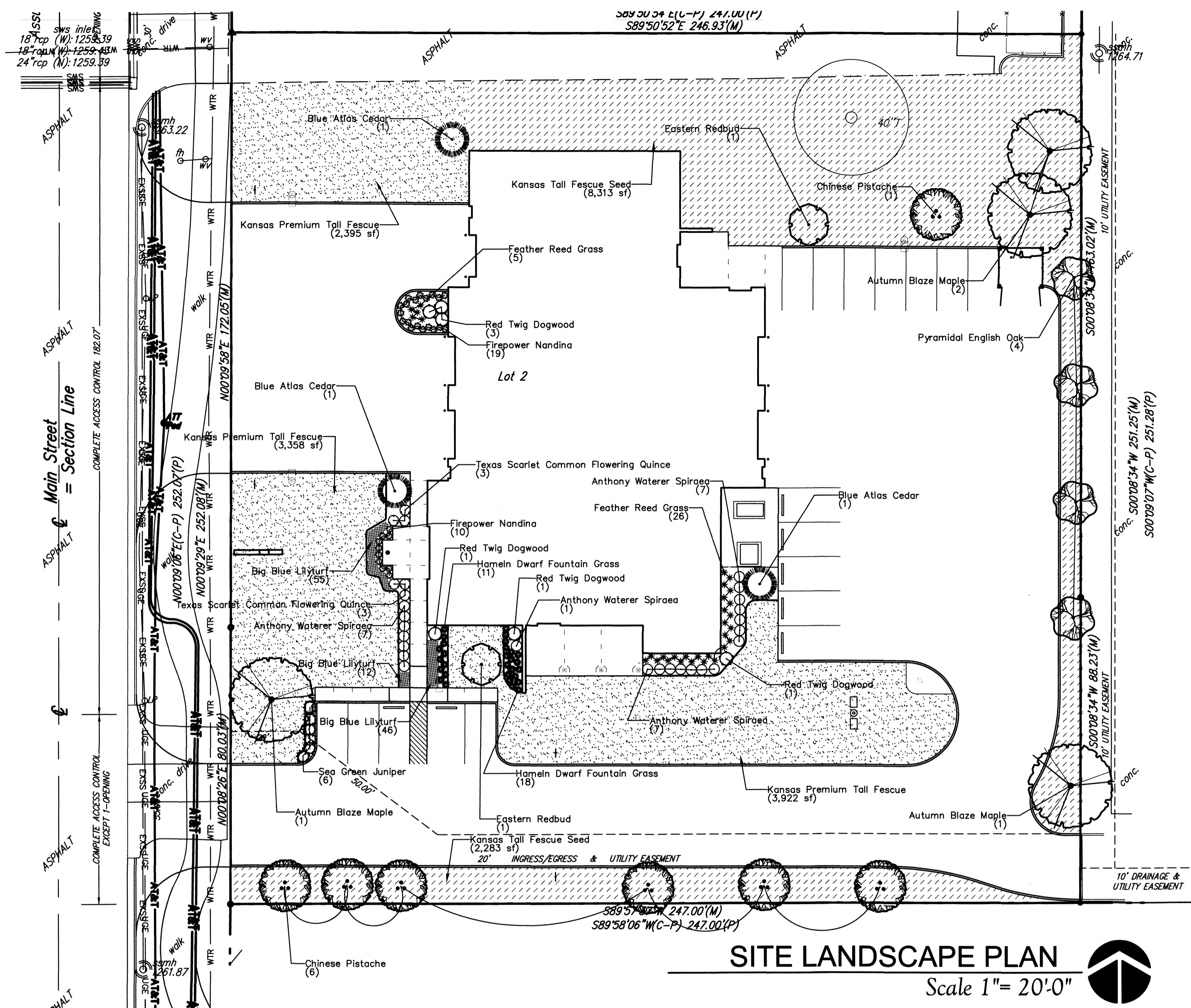
PLANT SCHEDULE							
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
	4	<i>Acer freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	B & B	3"Cal		Full & Healthy
	3	<i>Cedrus atlantica</i> 'Glauca'	Blue Atlas Cedar	B & B		6'-8" H	
	2	<i>Cercis canadensis</i>	Eastern Redbud	B & B	2"Cal		
	7	<i>Pistacia chinensis</i>	Chinese Pistache	B & B	2"Cal		
	4	<i>Quercus robur</i> 'Fastigiata'	Pyramidal English Oak	B & B	3"Cal		Full & Healthy
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS		
	31	<i>Catagrostis x acutiflora</i> 'Karl Foerster'	Feather Reed Grass	1 gal			
	6	<i>Chaenomeles speciosa</i> 'Texas Scarlet'	Texas Scarlet Common Flowering Quince	3 gal			
	6	<i>Cornus sericea</i> 'Cheyenne'	Red Twig Dogwood	5 gal			
	6	<i>Juniperus chinensis</i> 'Sea Green'	Sea Green Juniper	3 gal	Full & Healthy		
	29	<i>Nandina domestica</i> 'Fire Power'	Firepower Nandina	3 gal			
	29	<i>Pennisetum alopecuroides</i> 'Hameln'	Hameln Dwarf Fountain Grass	1 gal			
	22	<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer Spiraea	3 gal			
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS		
	9,674 sf	<i>Festuca arundinacea</i>	Kansas Premium Tall Fescue	sod			
	107 sf	<i>Liriope muscari</i> 'Big Blue'	Big Blue Lilyturf	4"pot @ 12" oc			
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS		
	10,595 sf	<i>Festuca arundinacea</i> Seed	Kansas Tall Fescue Seed	seed			

**LANDSCAPE NOTES:**

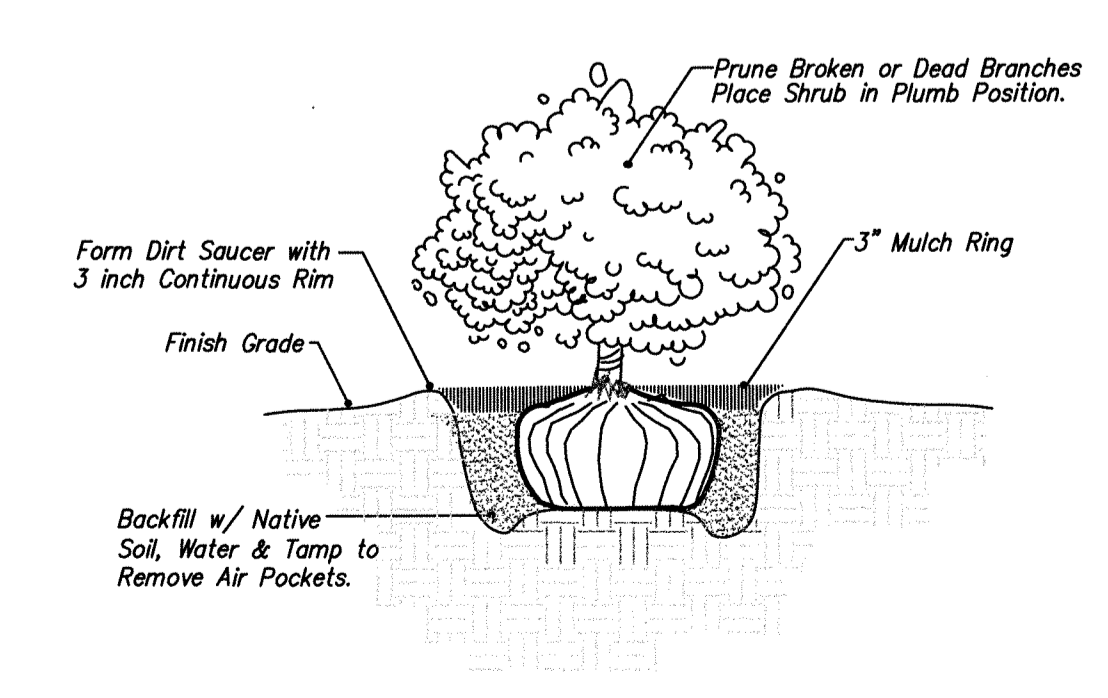
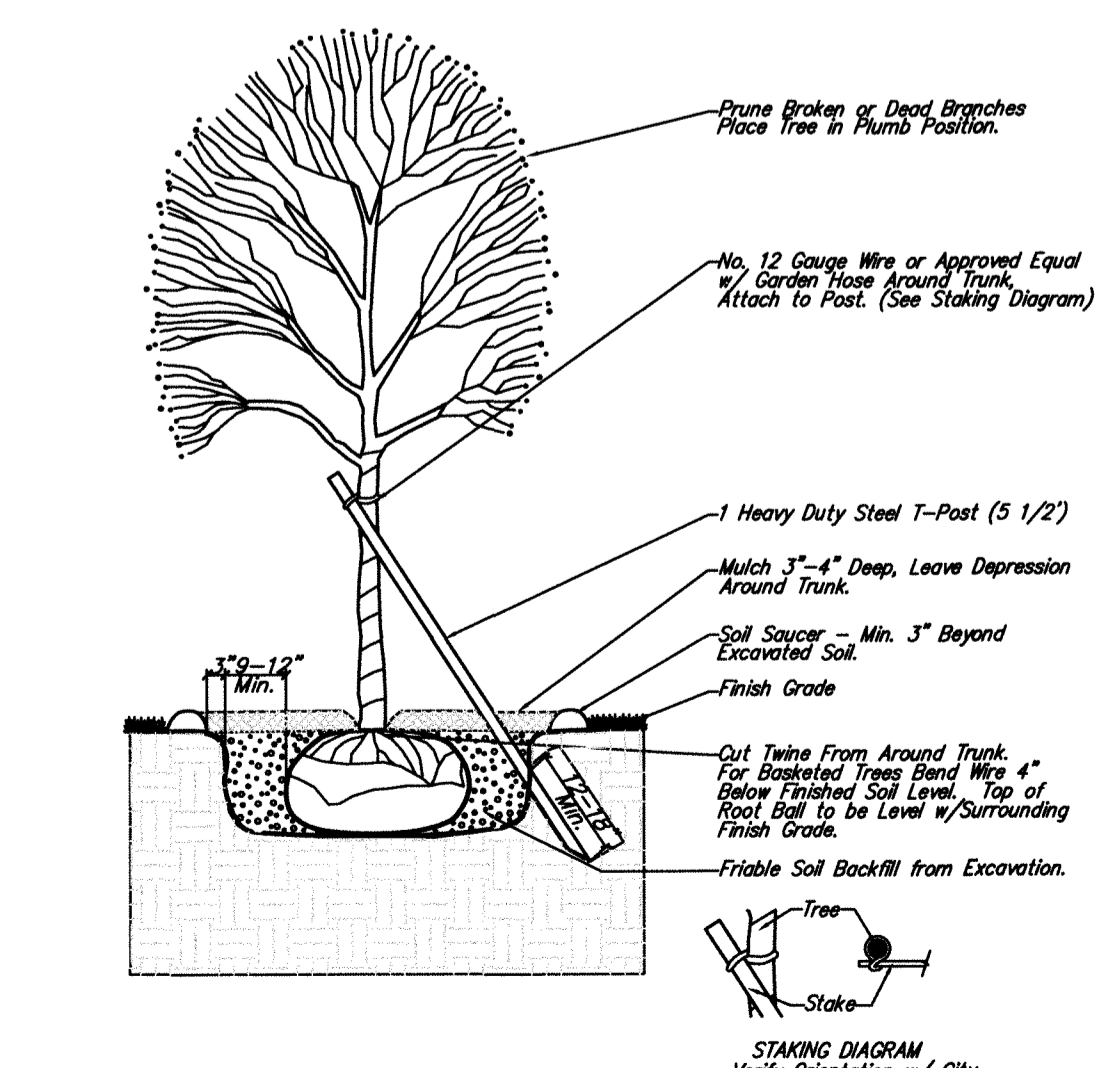
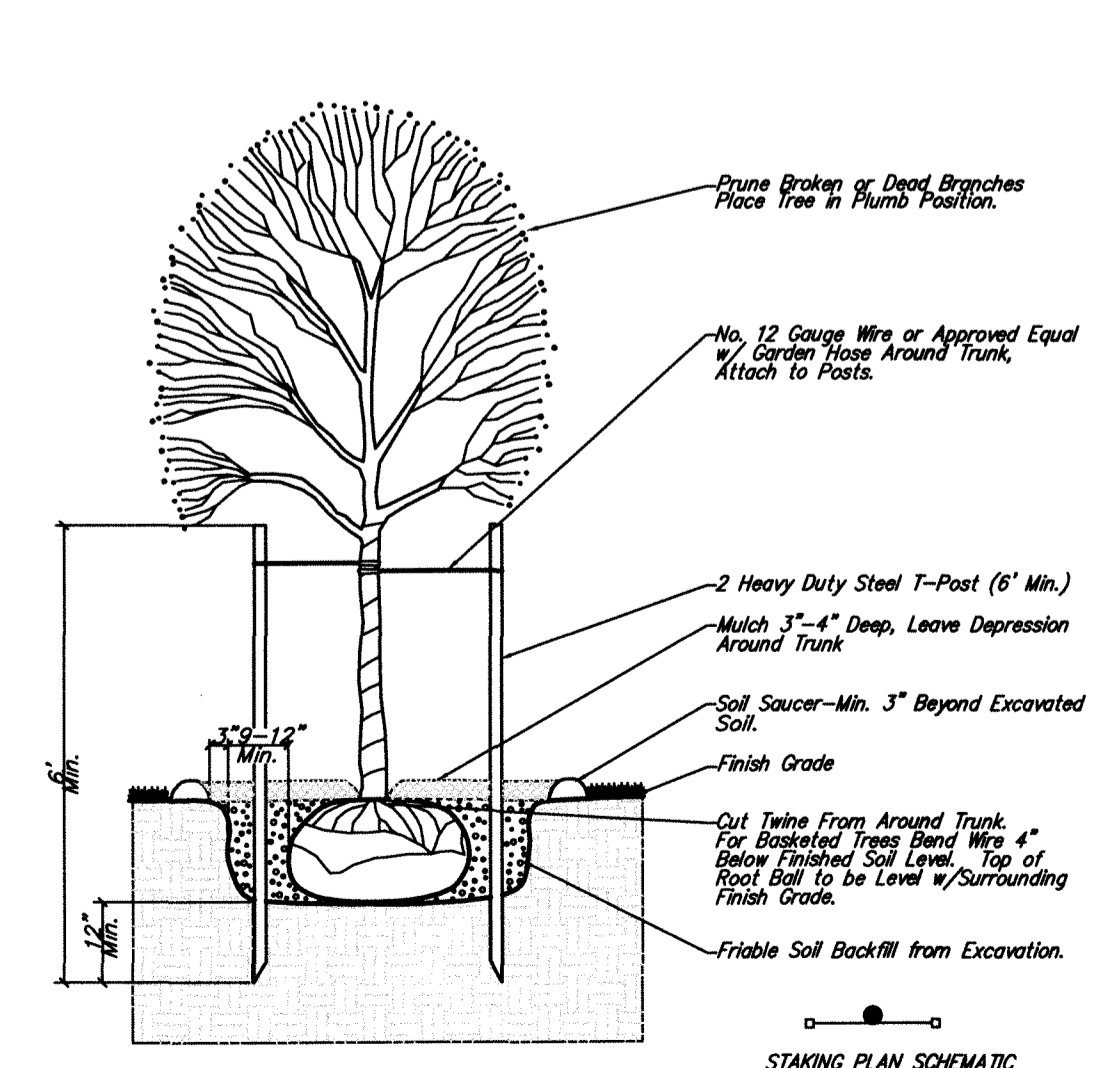
- All landscape work shall be done in accordance with industry standards.
- All areas called out on the plan as "Sod" or "Seed" shall be installed and fertilized as follows:  
 SOD—Kansas Premium Fescue Sod  
 SEED—Kansas Premium Fescue Seed  
 FERTILIZER—16-20-6 ratio 4#/1000 sq. ft
- Trees with broken leaders or no central leader will not be accepted.
- All planting beds shall be prepared by killing all existing vegetation with Round-Up (or equal) according to label directions. A Pre-emergent herbicide such as Treflan (5%) (or equal) shall be applied per label directions. All planting beds to receive 2" organic matter (such as cotton bur mulch, compost, or humus) and shall be rototilled in to a depth of 10-12".
- All planting beds shall be covered with heavy landscape fabric. DeWitt Pro 4.1 or equal to or greater than.
- Mulch all planting beds with min. 3" of mulch. Mulch material to be Multi-Colored Washed River Rock. 1"-2" Diameter in size.
- Metal edging shall be used to separate all turf areas from planting beds. Edging shall be 10 gauge thickness, commercial grade, or approved equal.
- General Contractor to supply and place at a depth of 4", all topsoil on site, (Except planting beds, which shall be a minimum of 6").
- Topsoil hauled onto site shall be fertile, friable, natural loam topsoil, of uniform quality characteristic of representative local soils which produce heavy growth of crops, grass, or other vegetation. It shall be free of trash, or other matter toxic to plant growth.
- Topsoil shall be delivered in an unfrozen and non-muddy condition and shall be subject to approval by the Landscape Architect.
- Prior to any excavation for landscaping purposes the location of underground utilities shall be determined by calling Kansas One Call at 687-2470/1-800-344-7233. Contractor shall be responsible for any damage done to existing utilities.
- Report any discrepancies in the planting plan to the Landscape Architect, prior to starting construction.
- The Landscape Contractor shall coordinate with the G.C. to gain site access to install the plants and maintain grounds, until final acceptance from owner. Upon final acceptance, the one (1) year guarantee period will begin.
- The Landscape Contractor shall coordinate with the G.C. to install the plants and maintain grounds, until final acceptance from owner.
- The Landscape Contractor shall submit bid with unit prices for all plants, including mulch, installation, 1 year guarantee, bed preparation, fertilizer, etc.
- The Landscape Contractor is responsible for any damage done to the exterior of the building or any part of the parking lot when installing or maintaining the plantings before final acceptance.
- General Contractor to coordinate with appropriate Local City Official to Remove/Transplant exist trees.
- Fall planting season shall be September 1 thru October 31. Spring planting season shall be April 1 thru June 30. For grass seeding, fall season shall be September 1 thru mid October. Spring season for seeding shall be from March 15 thru mid May.
- Landscape Contractor shall provide maintenance until final project acceptance including landscape maintenance and watering.

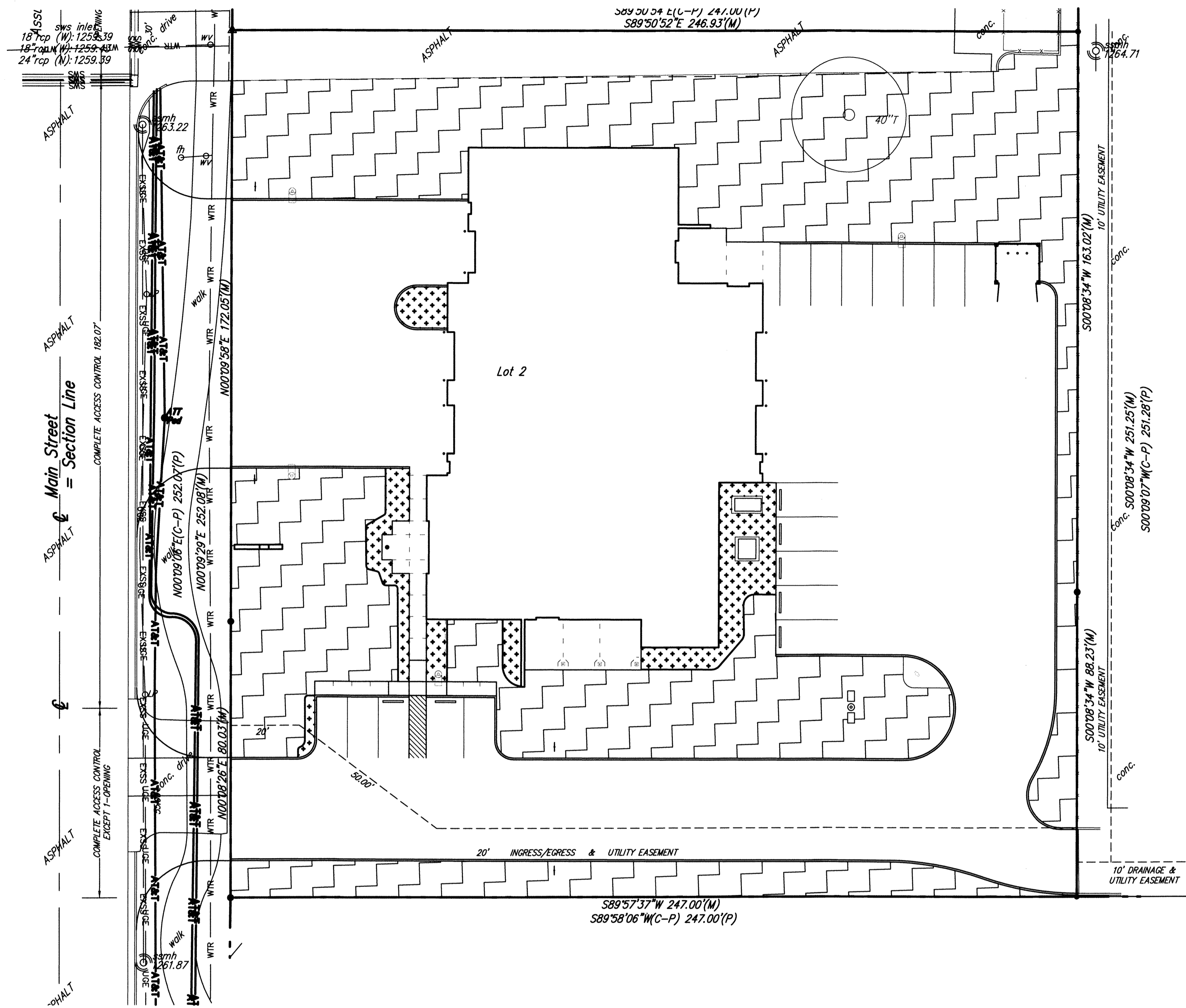
**LANDSCAPE ORDINANCE CALCULATIONS**

<b>Streetyard Requirement:</b>	253' Street Frontage x 10' sq. ft. per lin. foot = 2,530 sq. ft.
<b>Total Streetyard Shown:</b>	5,995 sq. ft.
<b>Streetyard Trees Required:</b>	1 per 500 sq. ft. = 2,530/500 = 5.06 = 5 Shade Trees
<b>Streetyard Trees Shown:</b>	6 Shade Trees
<b>Rear Buffer Required:</b>	1 per 40 L.F. = 252/40 = 6.3 = 7 Shade Trees
<b>Rear Buffer Shown:</b>	7 Shade Trees
<b>Parking Lot Trees Required:</b>	1 per 20 Spaces = 17/20 = 0.85 = 1 Shade Tree
<b>Parking Lot Trees Shown:</b>	6 Shade Trees

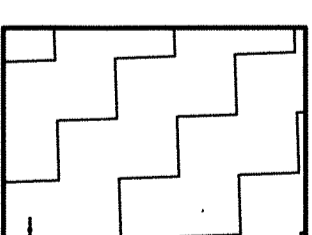
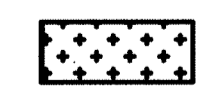


**SITE LANDSCAPE PLAN**  
 Scale 1" = 20'-0"





**LEGEND**

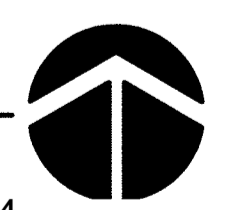
- 
 LIMITS OF IRRIGATION—ALL AREAS OF TURF TO RECEIVE ROTOR OR SPRAY HEAD IRRIGATION SYSTEM.
- 
 ALL SHRUB AREAS TO RECEIVE DRIP IRRIGATION SYSTEM.

**IRRIGATION NOTES:**

1. All irrigation work is to be installed in compliance with all local codes and regulations.
2. Irrigation Contractor shall design system so turf heads are on separate zones from shrub spray heads.
3. The Irrigation Contractor DOES NOT START irrigation construction until final shop drawings are submitted and approved to the Landscape Architect and/or Owner prior to construction for final approval which: Use Rainbird, Toro, Hunter products, or approved equal, which will illustrate type of head, head coverage, valve location, piping and accessories, and main line location. Included in shop drawings show zone pressure, valve size, GPM requirements and pipe sizing. Also specify a rain switch or moisture sensing device per City Codes.
4. Prior to construction, Irrigation Contractor to locate all existing and proposed utilities and electrical wiring.
5. Contractor shall not install irrigation system when any obstructions in the field exist. Contact the Landscape Architect for clarification before proceeding around obstructions.
6. All turf areas shall be head-to-head coverage with triangle spacing where possible. Contractor is responsible for adequate coverage in shrub bed zones using drip system and/or spray heads.
7. Heads to be adjusted to not spray on buildings, walks, or drives. Spray Heads will be located nearest to planting bed edge using funny pipe and fittings. Spray Heads to be located and sized so not to be susceptible to damage by automobile overhangs.
8. Irrigation Contractor shall coordinate with Paving Contractor to locate and install required irrigation lines sleeving prior to any paving. Combine piping when possible to save on sleeving material. Sleeves to be min. 20" below finish grade. Verify final depth w/ Paving Contractor for adequate coverage.
9. Automatic drainage valves to be located at the ends of lines and at the lowest points on the lines.
10. Irrigation Contractor to verify location of water supply with GC prior to installation of system. Irrigation Contractor shall verify static pressure.
11. Locate Irrigation Controller in mechanical/storage room of building.
12. Irrigation water is to be supplied from city water.
13. See Irrigation Specifications in the project manual.

**SITE IRRIGATION PLAN**

Scale 1" = 20'-0"



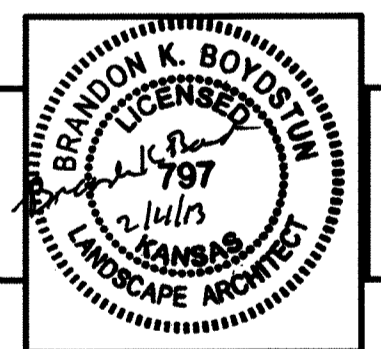
Fire Station 34  
Sedgwick County Fire Dist. No. 1  
Addendum No. 1 Attachment



Baughman Company, P.A.  
315 Ellis Wichita, KS 67211  
P316-262-7271 P316-262-0149

**STATION 34**  
**SHEET L2**

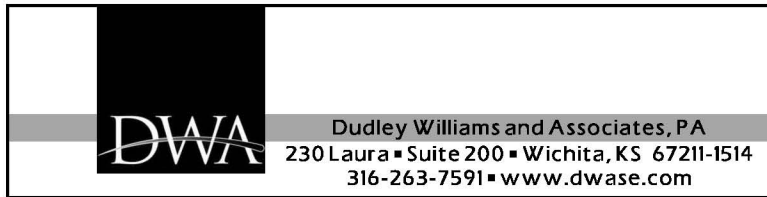
**SEDGWICK COUNTY FIRE DIST. NO. 34**  
**334 NORTH MAIN ST**  
**HAYSVILLE, KANSAS**



DEVELOPMENT PLAN

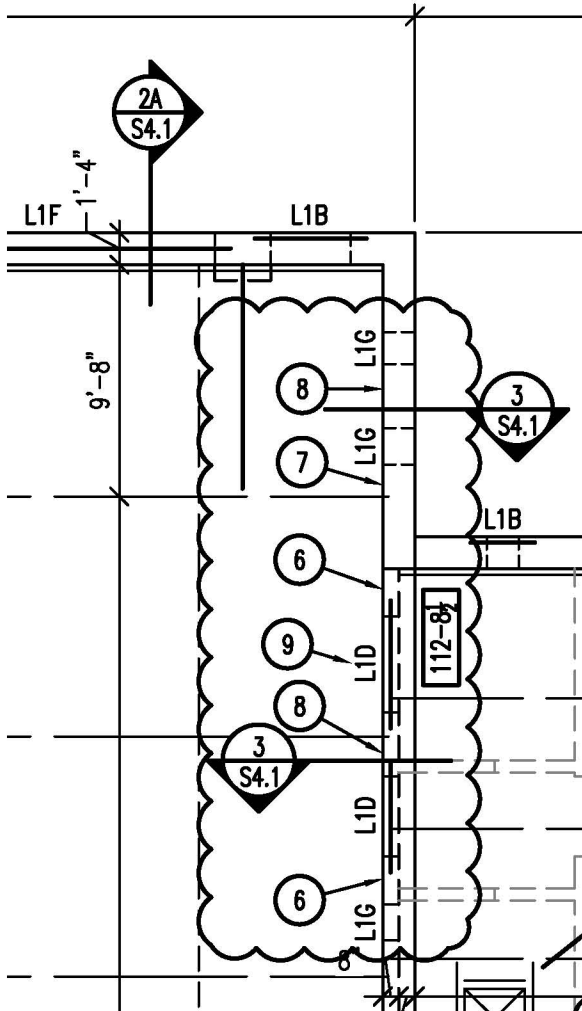
FILE NO.: 1204  
DATE: 10-31-2012  
DR. BY: DL  
CK. BY: BB  
REVISIONS:





CLIENT Kraybill Architect  
 PROJECT Sedgwick County Fire Station #34  
 LOCATION Haysville, KS NO. 12-076  
 SUBJECT Addendum #1 BY KR CK JL  
 DATE 2/11/13 PG. 1 OF 2

REVISED KEYED PLAN NOTES, SHEET S1.3:



- ① Provide Horizontal and Diagonal Joist Bridging as Shown on Framing Plans and per SJI Specifications. Design Roof Joists for a Net Wind Uplift Load of 15 psf. Provide a Single Row of Horizontal Bridging at the First Bottom Chord Panel Point at Each End of Roof Joist.
- ② Mounting Hook, See Architectural for Location and Details. Provide Bracing Above Ceiling per Detail 7-S4.2.
- ③ Metal Deck Type 1, See General Notes.
- ④ HSS8x4x $\frac{1}{4}$ , Elevation Top at 109-4
- ⑤ Brace Top of Masonry Wall per Detail 18-S4.2 Each Side of Roof Opening.
- ⑥ Provide 24" Minimum Between Control Joint at Face of Perpendicular Wall or Door Opening and Electrical Panel Opening as Applicable.
- ⑦ Provide 16" Minimum Between Centerline of Joist Bearing and Jamb of Electrical Panel Opening.
- ⑧ Provide 32" Minimum Between Electrical Panel Opening and Fire Extinguisher Cabinet Opening or Door Opening, as Applicable.
- ⑨ Provide One Lintel L1D Above Two Adjacent Electrical Panels, Maximum Opening 4'-0".

PARTIAL REVISED ROOF FRAMING PLAN

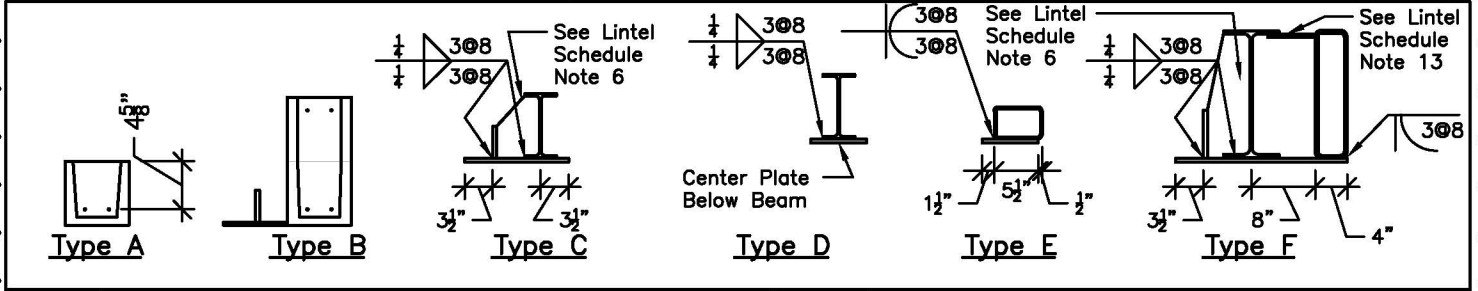
Sheet S1.3

1/8" = 1'-0"



CLIENT Kraybill Architect  
 PROJECT Sedgwick County Fire Station #34  
 LOCATION Haysville, KS NO. 12-076  
 SUBJECT Addendum #1 BY KR CK JL  
 DATE 2/11/13 PG. 2 OF 2

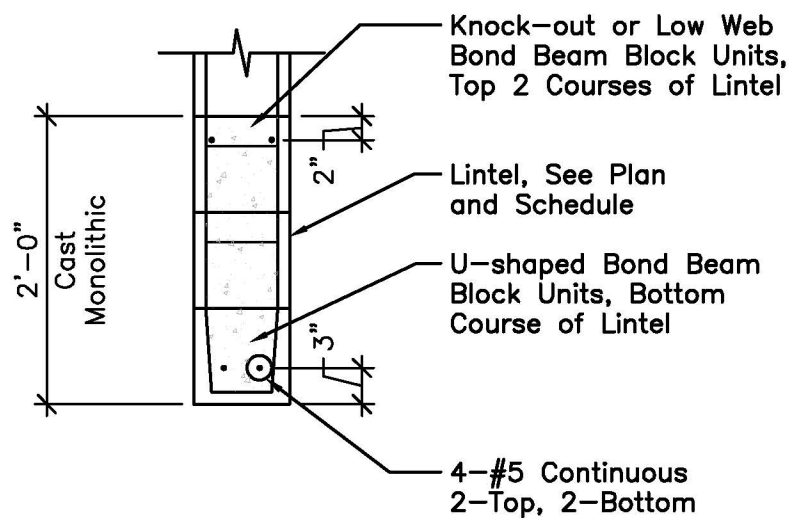
**REVISED LINTEL SCHEDULE, SHEET S2.1**



MARK	MEMBERS	TYPE	REMARKS
L1G	24" Deep Bond Beam with 4-#5 Cont.	G	6

NEW LINTEL SCHEDULE REMARKS:

6 See Detail 3-S2.1 for additional notes and information.

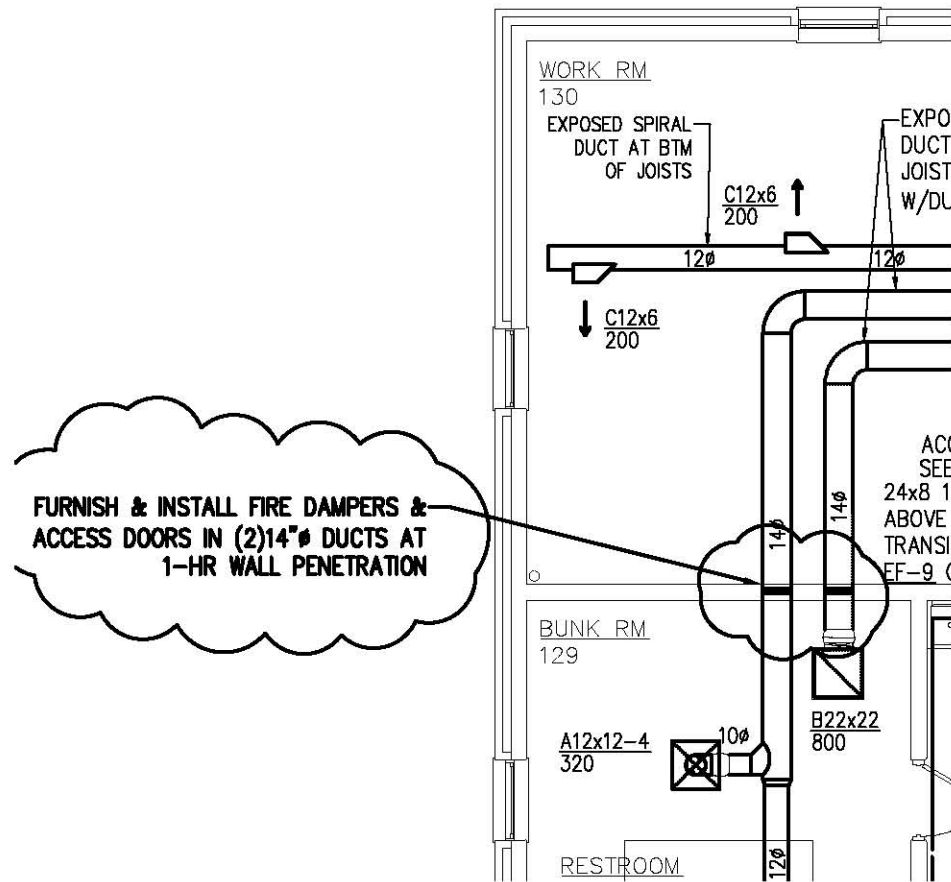


Notes:

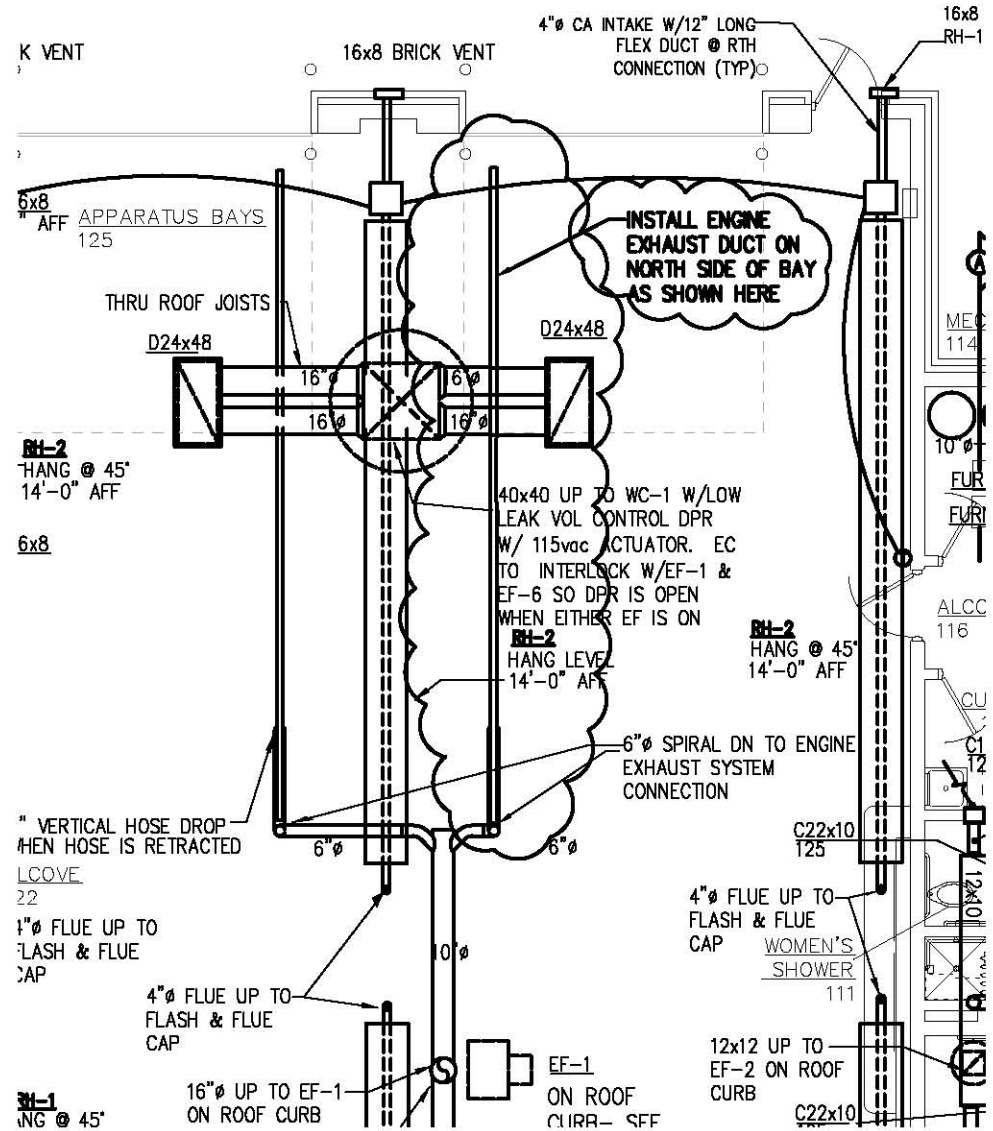
Grout bond beam lintel solid for 24" depth in one monolithic placement.  
 Provide horizontal joint reinf. at each course in bond beam lintel (8" o.c.)  
 Provide 24" bearing length on solid grouted cores at each end of lintel.

**3** 24" BOND BEAM LINTEL  
 New Detail Sheet S2.1

**Fire Station 34**  
**Sedgwick County Fire Dist. No. 1**  
 Addendum No. 1 Attachment  
**SHEET M1.1 REVISIONS**



**FIRE DAMPERS REVISION**



**ENGINE EXHAUST SYSTEM REVISION**