

CHANGE ORDER

Project: Woodland High School Project No.: 1119.00-12
 Architect: McGranahan Architects Change Order No.: 2
 Contractor: Skanska USA Building, Inc. Date: February 9, 2014

Per the General Conditions of the Contract for Construction, this change order shall constitute full settlement for all known, estimated or foreseeable costs and time adjustments, including all delay and impact costs and direct and indirect damages, including consequential damages, regardless of cause, related to this change.

Plans and/or Specifications shall be changed as follows (refer to attachments for back-up information):

Reference	Amount
CCD 002 Pothole for Geogrid Installed During Phase 1	\$5,161.00
COP 007 Plumbing Changes at Culinary Arts Casework	\$4,012.00
COR 009 Extend Sanitary to Grandstand RFI#36	\$643.00
COR 012 Below Grade Vents per RFI#26 and RFI#29	\$1,746.00
COR 019 Double Welded Columns RFI041 (half of cost submitted by agreement)	\$793.06
COR 020 Columns Location at Gridline L/14 RFI#042 (half of costs submitted by agreement)	\$528.50
COR 021 Electrical Service Questions per RFI #49	\$4,895.00
COR 026 Geogrid Repair at Footings per RFI #61	\$1,219.36
Total Change Order amount	Add \$18,997.92

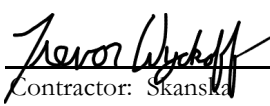
Original Contract Amount:	<u>\$43,538,000.00</u>	Original Date of Substantial Completion:	<u>July 6th, 2015</u>
Previously Authorized Change Orders:	<u>\$5,110.00</u>	Previously Authorized Change Orders:	<u></u>
Current Contract Amount:	<u>\$43,543,110.00</u>	Current Date of Substantial Completion:	<u></u>
Contract Amount will be:	<u>\$43,543,110.00</u>	The Contract Time Will be :	<u>by 0 Calendar Days.</u>
Increased / Decreased / Unchanged		Increased / Decreased / Unchanged	
by this Change Order in the amount of:	<u>\$18,997.92</u>		


The Revised Contract Amount as a result of this Change Order therefor is: \$43,562,107.92

The date of Substantial Completion as a result of this Change Order, therefore, is: July 6th, 2015

APPROVALS:

 February 10th, 2014
 Architect: McGranahan Architects Date


 Contractor: Skanska Date

 Feb 12, 14
 Woodland Public Schools Date



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 013

Date: 1/27/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
CCD#002/CCD#002R1 Geogrid Confirmation	Owner	Submitted

Reference	Required By	Days Req	Amt Req
	2/3/2014	0 \$	5,161

Notes

This Change Order Request is for the additional costs to complete potholing as required by CCD#002 and CCD#002R1. All verification of existing phase 1 geogrid was completed by the geotechnical engineer. Skanska will not be repairing the phase 1 geogrid at these locations, as that will be completed by the Owner's phase 1 contractor, Nutter.

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					

0026	1/15/2014		\$	5,161	0	
CCD#002 - Geogrid Confirmation			WSD directed Skanska to proceed with potholing in 14 locations to determine if the geogrid was installed under Phase 1 as designed.			

Item No	Item Description	Amt Prop	Reference
0001	Skanska Concrete - Layout for Potholing	\$	679
0002	Tapani costs to pothole as directed by CCD#002 / CCD#002R1.	\$	4,094
0003	GC/CM Bond	\$	48
0004	Subcontractor Subguard Bond	\$	48
0005	Skanska Fee	\$	292

Approved By:

Signature

Name

Date

2111 Pacific, Suite 100 Tacoma, Washington 98402

CONSTRUCTION CHANGE DIRECTIVE: 002 R1

Woodland High School

Date: 1/15/14

To: Skanska

Revised: 1/17/14

CONTRACT MODIFICATION:

In order to expedite the Work and avoid delays, the Contractor is hereby directed to make the following change(s) in this Contract:

1. Geo-Grid installed during Phase 1 was shown to extend 10'-0" from phase of building. Pothole at locations shown on the attached plan to verify that geo-grid was installed. ~~It is acceptable to locate just the upper layer of geo-grid.~~ Locate both layers of geo-grid.
2. Where geo-grid is located, verify as-built elevation of the upper layer.
3. Notify McGranahan with results as work proceeds.

Reference: A2.01

Attachments: Building overall plan mark-up
A2.01 with added pothole locations

PROPOSED CONTRACT ADJUSTMENTS:

The Contract Sum or Guaranteed Maximum Price will be adjusted on following basis:

- ☐ Lump Sum (increase) (decrease) of:
- ☐ As provided in Article 7 of the General Conditions or,
- ☒ As follows: Time and Materials:

The Contract Time will:

- ☒ Remain unchanged;
- ☐ (increase) (decrease) by days or;
- ☐ be adjusted as provided in Article 8 of the General Conditions.

When issued by the Architect and approved by the Owner, this document shall serve as authorization to proceed with the Work as described above. The Contractor shall proceed IMMEDIATELY. When the actual adjustments to the Contract Sum and/or Contract Time are agreed to by the Architect, Owner and Contractor, this Work shall be added to the Contract by Change Order.

Issued By:

McGranahan Architects

Date:

1.15.14
1/17/14

Approved By:

Woodland School District No. 404

Date:

January 17, 2014

Signature below indicates the Contractor's acknowledgement of the direction to proceed with the Work immediately.

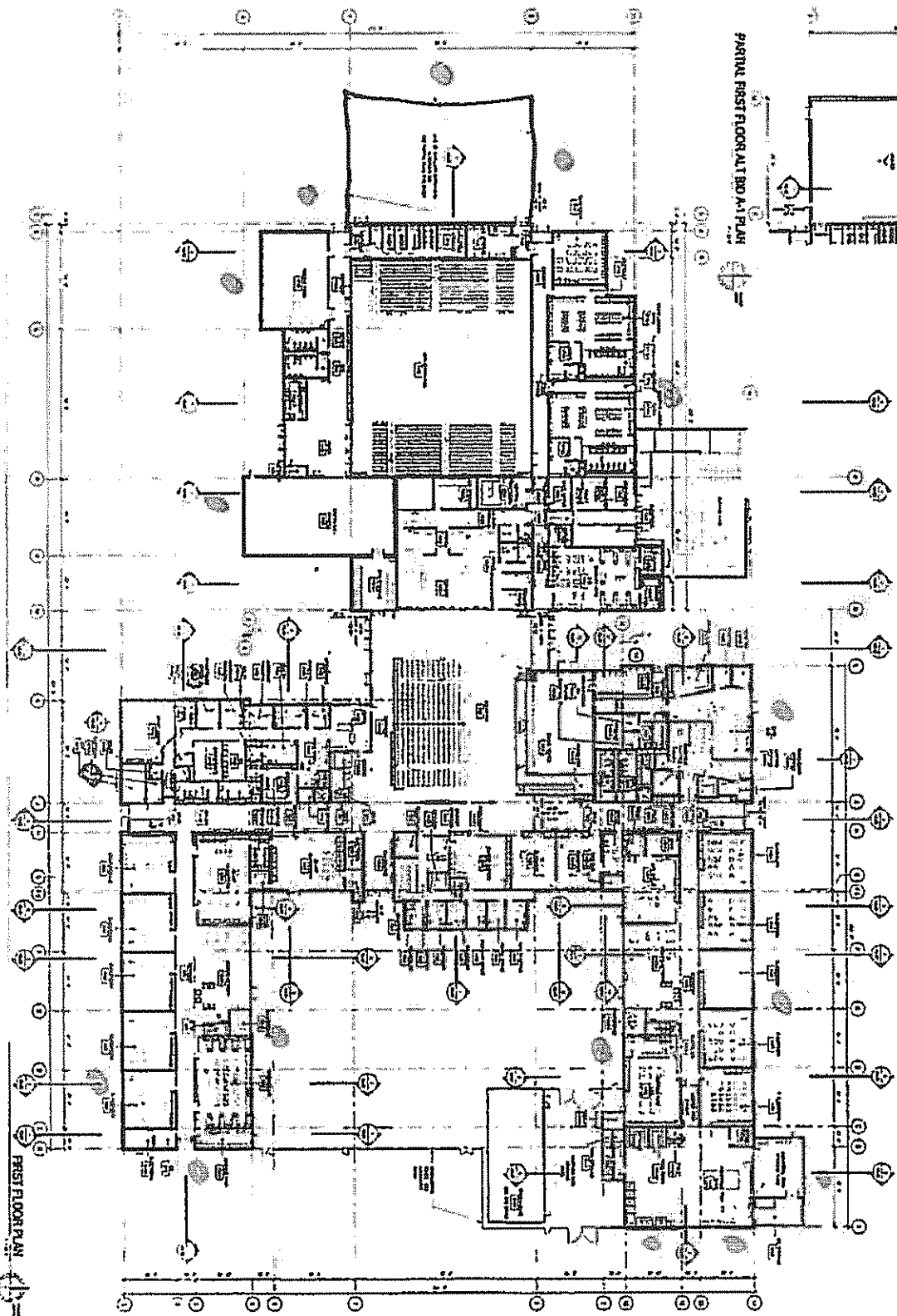
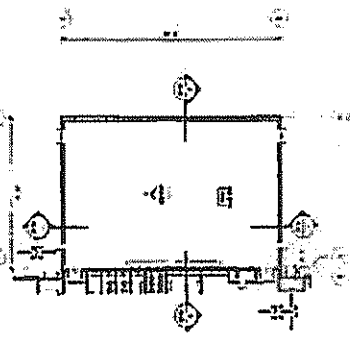
The Contractor ☐ (agrees) ☐ (disagrees) with the proposed method of adjustment in the Contract Sum and Contract Time.

Accepted By:

Contractor

Date:

PARTIAL FIRST FLOOR AT BDO A-1 PLAN



FIRST FLOOR PLAN

= Photo locations

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN METERS.
2. ALL WALLS ARE 200 MM THICK UNLESS OTHERWISE SPECIFIED.
3. ALL DOORS ARE 900 MM WIDE UNLESS OTHERWISE SPECIFIED.

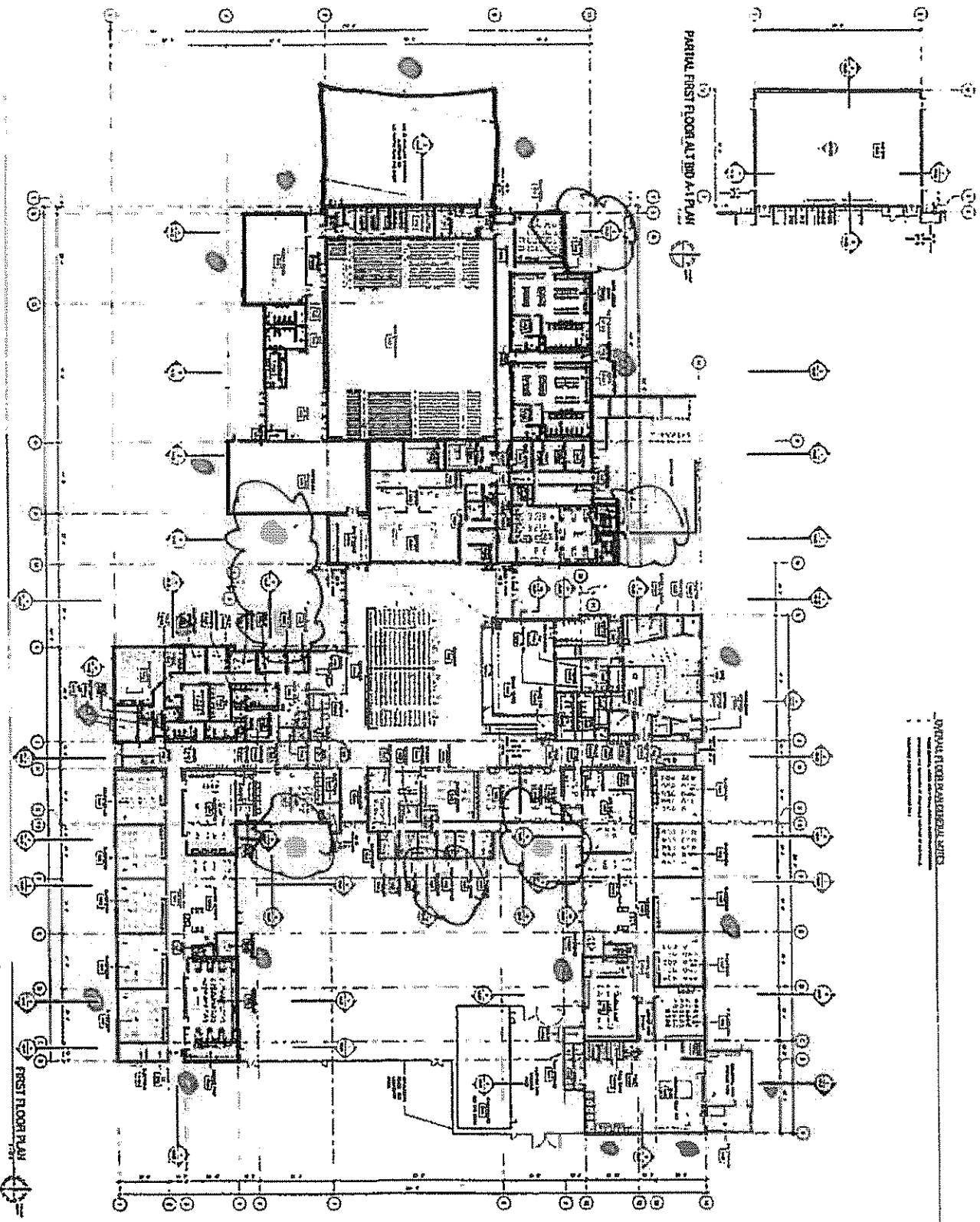
A201



GENERAL FIRST FLOOR PLAN



1. ALL DIMENSIONS ARE IN METERS.
2. ALL WALLS ARE 200 MM THICK UNLESS OTHERWISE SPECIFIED.
3. ALL DOORS ARE 900 MM WIDE UNLESS OTHERWISE SPECIFIED.



OVERALL FIRST FLOOR PLAN

PARTIAL FIRST FLOOR ALTERNATE PLAN

FIRST FLOOR PLAN

= Pathole locations

Clouded pink locations added 1/17/14

A2.01



OVERALL FIRST FLOOR PLAN



Legend
 1. Pathole locations
 2. Clouded pink locations
 3. Other locations



TAPANI INC.

PO Box 1900 • 1904 SE 6th Place • Battle Ground, WA 98604
(360) 687-1148 • (360) 687-7968 FAX

Monday, January 27, 2014

Serial Letter No. 2

Trevor Wyckoff
Skanska USA Building
222 SW Columbia Street Suite 300
Portland, OR 97201

RE: CCD#002/CCD#002R1
Woodland High School

Mr. Wyckoff,

Tapani Inc. would like to present the following cost proposal for the work required to verify the as-built locations and elevations for the geogrid as detailed in CCD#002 & CCD002R1.

CCD#002		
1/15/14	Pothole Test Holes around Footprint of Building	\$ 502.96
<u>1/16/14</u>	<u>Pothole Test Holes around Footprint of Building</u>	<u>\$ 758.11</u>
Total		\$1,261.07
CCD#002R1		
1/17/14	Pothole Test Holes around Footprint of Building	\$ 888.65
1/20/14	Pothole Test Holes around Footprint of Building	\$ 374.10
<u>1/22/14</u>	<u>Pothole Test Holes around Footprint of Building</u>	<u>\$1,570.57</u>
Total		\$2,833.32
Total Request CCD#002 & CCD#002R		\$4,094.39

Sincerely,

Chad Mahoney
Project Manager
Tapani, Inc

Attachments: Daily Time Sheets 1/15/14, 1/16/14, 1/17/14, 1/20/14, 1/22/14

DOCUMENT NUMBER:

last

DAILY TIME SHEET

DATE 1/16/14

AUTHORIZATION

JOB / AREA Footprint of building

PHASE

CLIENT Skanska USA Building Inc.

PROJECT Woodland High School

WORK PERFORMED Excavate, backfill and compact test holes.

EMP NUMBER	EMPLOYEE	CLASSIFICATION	RATE		HOURS		REG AMT	OT AMT	SUB	TOTAL
			REG	OT	REG	OT				
	John Hemola	operator			2					
	Nest Stodeli	operator			1					
	Carey Otto	operator			2					
			TOTALS							

EQUIPMENT

UNIT #	DESCRIPTION	RATE	HRS	AMOUNT
121505	316 EX.		2	
333505	Welder Wagon		1	
235223	Roller		2	
113044	320 EX Standby		1	
TOTAL				

MATERIAL (ATTACHED BACKUP)

[illegible]

COMMENTS: Excavate more test holes.
Backfill, water and compact test
holes.

LABOR

EQUIPMENT

MATERIAL

TOTAL

TAPANI INC.

AUTHORIZED BY

Form No. JF-15
09/28/01



DAILY TIME SHEET

PHASE

PROJECT Woodland High School

WORK PERFORMED Dig potholes to find geo-grid.

EMP NUMBER	EMPLOYEE	CLASSIFICATION	RATE		HOURS		REG AMT	OT AMT	SUB	TOTAL
			REG	OT	REG	OT				
	Max Gantner	Operator			2					
	Kelth Yancy	operator			2					
	Jay Passo	Laborer			2					
	Neil Stadelci	Laborer			2					
			TOTALS ..							

EQUIPMENT				
UNIT #	DESCRIPTION	RATE	HRS	AMOUNT
112042	320 EX		2	
121505	316 EX		2	
113044	330 EX. standard 8			
TOTAL				

[illegible]

COMMENTS: Excavate test holes to find both layers of geo-grid.

TOTAL

AUTHORIZED BY

Form No. JF-15
09/28/01

DAILY TIME SHEET

CLIENT Skanska USA Building Inc.

PROJECT Woodland High School

DATE	01/20/14
AUTHORIZATION	SKANSKA
JOB / AREA	Main School Building Footprint
PHASE	CCD#002 R1, CE#026

WORK PERFORMED Excavate, backfill and compact test holes.

Date	EMPLOYEE	CLASSIFICATION	RATE		HOURS		REG AMT	OT AMT	SUB	TOTAL
			REG	OT	REG	OT				
1/20/2014	Vance Purdin	Foreman	59.03		2		118.06			118.06
1/20/2014	John Homola	Operator	55.73		1.5		83.60			83.60
	Markup 15%									30.25
			TOTALS							
							201.66			231.90

EQUIPMENT

UNIT #	DESCRIPTION	RATE	HRS	AMOUNT
121505	CAT 316 Excavator	82.43	1.5	123.65
	Markup 15%			18.55
TOTAL				142.19

MATERIAL (ATTACHED BACKUP)

[illegible]

COMMENTS:

LABOR	231.90
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EQUIPMENT	142.19
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SUB / MATERIAL

TOTAL	374.10
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TAPANI INC.

AUTHORIZED BY

Form No. JF-15
09/28/01

DOCUMENT NUMBER

DAILY TIME SHEET

CLIENT Skanska USA Building Inc.

PROJECT Woodland High School

DATE 1/20/14

AUTHORIZATION _____

JOB / AREA _____

PHASE _____

WORK PERFORMED Fin. both layers of geo-grid.

EMP NUMBER	EMPLOYEE	CLASSIFICATION	RATE		HOURS		REG AMT	OT AMT	SUB	TOTAL
			REG	OT	REG	OT				
	Vernice Purdin	Foreman			2					
	John Hensley	Operator			1.5					
			TOTALS ..							

EQUIPMENT

UNIT #	DESCRIPTION	RATE	HRS.	AMOUNT
121505	316 Ex		1.5	
TOTAL				

MATERIAL (ATTACHED BACKUP)

[illegible]

COMMENTS: Find both layers of geo-grid along the building.

LABOR.

EQUIPMENT: _____

MATERIAL

TOTAL _____

TAPANI INC.

AUTHORIZED BY

Form No. JF-15
09/28/01

Verification of



EXTRA WORK AUTHORIZATION

Skanska USA Inc.

WOODLAND HS
1500 Dike Access Rd
Woodland, WA 98674

EWA No. _____

Date 1-15-14

Project _____

Project No. 4113074

Issue No. _____

Description of work to be performed: _____

Layout & Monitor excavation of potholes per CCD# 002.

Reference (RFI, DWG, SPEC, ETC.): _____

[illegible]

The Above Record is complete and correct.

Submitted By: Skanska USA Building Inc.

Foreman
Title

1-15-14
Date

Acceptance of Work By: G.C. Representative

Title

Date _____

Craft Designation: CF (Carpenter Foreman) C (Carpenter) LF (Labor Foreman) L (Laborer) IF (Ironworker Foreman) I (Ironworker) OPR (Operator)

Totals	\$ 679
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2111 Pacific, Suite 100 Tacoma, Washington 98402

CHANGE ORDER PROPOSAL: 007

Woodland High School

Date: February 03, 2014

To: Trevor Wyckoff, Skanska

PROPOSED CONTRACT MODIFICATION:

Please submit an itemized proposal for changes in the Contract Time and Contract Sum for the following proposed modifications to the Contract Documents (This document is not a Change Order, Field Authorization or direction to proceed with the work described herein):

Make the following changes to the plumbing at Culinary Arts Lab 1601:

1. Route all plumbing under-slab per the attached sketches.

Reference: M2.05 and M2.15

Attachments: MSK-081 and MSK-082

PROPOSED CONTRACT ADJUSTMENTS:

The proposed change to the Contract Sum or Guaranteed Maximum Price for all work described above is:

☒ (increase) (decrease) of : \$ 4,012 (Washington State Sales Tax not included) or,

☐ The Contract Sum shall remain unchanged.

The proposed change to the Contract Time for all work described above is:

☐ (increase) (decrease) of _____ days or;

☒ The Contract Time will remain unchanged.

The foregoing amount includes all direct and indirect costs for material, labor and supplies related to this change and to the effect of this change on the remainder of the Project. All other provisions of the Contract remain in full force and effect. The Contractor agrees to be bound by this proposal for ninety (90) days after this date.

Submitted by: _____

General Contractor

Date: _____

2-4-2014

We have examined the foregoing proposal, negotiated with the Contractor where necessary, and find it to be reasonable.

Approved By: _____

McGranahan Architects

Date: _____

The Owner hereby accepts the foregoing proposal. This document when fully signed constitutes the conditions upon which a Change Order will be issued.

Accepted By: _____

Woodland School District No. 404

Date: _____

2111 Pacific, Suite 100 Tacoma, Washington 98402

Page 2 of 2
Woodland High School
Date: January 08, 2014



Request for Information 0058

Detailed, RFIs Grouped by RFI Number

Woodland High School

Project # 4113074-000
Tel: Fax:

Skanska USA Building Inc.

RFI #: 0058

Date Created: 1/20/2014

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke
Co-Respondent	Author RFI Number		
	EHA-06		

Subject	Discipline	Category
Culinary arts lab rm. 1601 plumbing in cabinets (EHA-06)	Plumbing	

Cc: Company Name	Contact Name	Copies	Notes
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Question Date Required: 1/27/2014

Reference sheets A2.17 and M2.15.

The plans on M2.15 construction note 2 indicate that the piping that serves the sinks at the ends of the peninsula cabinets is concealed in the cabinets. It appears that this will interfere with the dishwasher and cabinet drawers that are being installed next to the sink (A2.15). Will a chase be provided for the plumbing?

Suggestion

Answer Date Answered:

Route vent and water piping underground as indicated on sketches MSK-081 and MSK-082.

John Justice, BCE Engineers, 02/03/2014

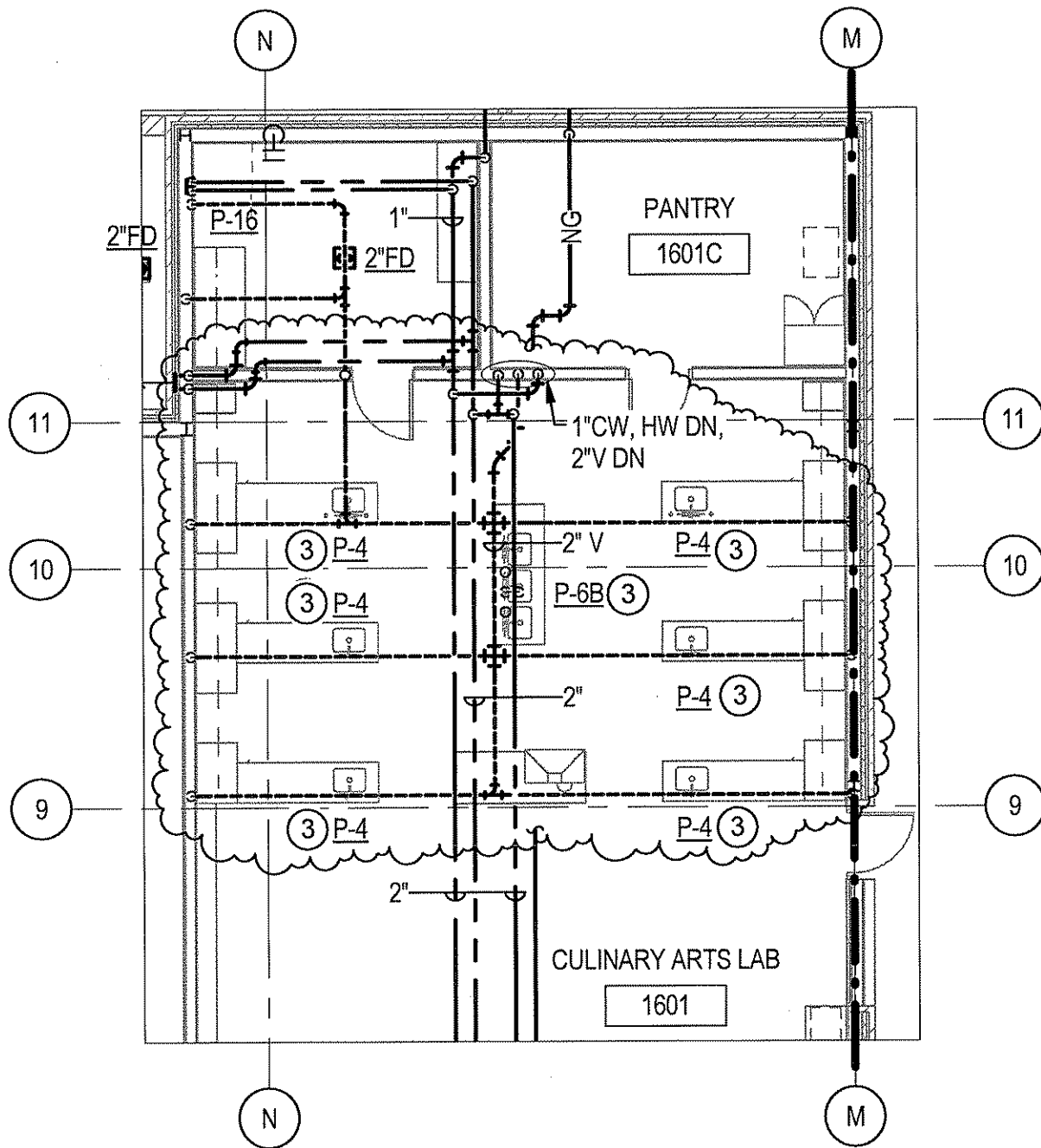
1 1/2" HW, CW UP. 2" W DN, AND 1 1/2" V UP.



1119 000
McGRANAHAN architects

MSK - 081

REVISED: BMP
DRAWN BY: BC



WOODLAND HIGH SCHOOL

1119.000

McGRANAHAN architects

TITLE: LEVEL 1 - PLUMBING PLAN - CULINARY ARTS REVISION
 REFERENCE: 2 / M2.15
 SCALE: 1/8" = 1'-0"
 ISSUED FOR: RFI - 0058
 DATE: 02/03/14

MSK - 082

REVISED: BMP
 DRAWN BY: BC

253
 F 383 3097
 253
 T 383 3084

CHANGE ORDER PROPOSAL-----#	EH-007	DATE-----	02/04/14	REVISION #	
CHANGE ORDER - RFI - ASI - EWO -----#	COP-007	PROJECT--	Woodland High School	JOB #	1304
DESCRIPTION-----	Culinary Arts Plumbing Revisions				
LOCATION-----					

LABOR -

description	rate	hour	=	subtotal	TOTAL
a. plumber/fitter, s.t.	\$62.57	0	=	\$0.00	
b. plumber/fitter, s.t. Foreman	\$66.76	18	=	\$1,201.68	
c. plumber/fitter, o.t.	\$93.85	0	=	\$0.00	
d. plumber/fitter, o.t. Foreman	\$100.14	0	=	\$0.00	
e. as-builts	\$66.76	1	=	\$66.76	
f. cordination	\$66.76	1	=	\$66.76	
g. Driver		0	=	\$0.00	
0 total hours		0			
		subtotal labor-----		\$1,335.20	\$1,335.20

ALLOWANCE FOR LABOR BURDEN @-----	18.00%	\$240.34
(includes labor tax, industrial insurance, employment insurance, payroll portion of general liability.)		
SUB-TOTAL LABOR-----		\$1,575.54

ALLOWANCE FOR SAFETY @	0.00%	\$0.00
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ALLOWANCE FOR SMALL TOOLS @ <small>allowance estimated based on cost of tools and equipment purchased for similar work</small>	0.00%	\$0.00
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TOTAL LABOR		\$1,575.54
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MATERIAL - PAGE #2, MATERIAL BREAKDOWN BALANCE FORWARD

balance forward	=	\$1,594.00
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subtotal material-----	\$1,594.00	\$1,594.00
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ALLOWANCE FOR FRT. & HDLG. ON MAT. -----	0.00%	\$0.00
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TOTAL MATERIAL	\$1,594.00
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EQUIPMENT -

	description	duration	rate	unit	=		
a.	0				=	\$0.00	
b.					=	\$0.00	
c.					=	\$0.00	
TOTAL EQUIPMENT -----						\$0.00	\$0.00

SUBTOTAL EAGLE HARBOR ASSOCIATES DIRECT COSTS -	\$3,169.54
OVERHEAD ON EHA WORK @ ----- 15.00%	\$475.43

TOTAL Eagle Harbor Associates LLC PORTION	\$3,644.97
---	------------

SUBCONTRACTOR WORK UNIT PRICE

a.			
b.			\$0.00
c.			\$0.00

0	subtotal subcontractor --	\$0.00	\$0.00
EHA OVERHEAD/PROFIT - SUBCONTRACT WORK -	12.00%		\$0.00

TOTAL SUBCONTRACTOR	\$0.00
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Insurance @ 0.8%	\$29.16
Bond Premium @ 1%	\$36.45

TIME EXTENSION IN CALENDAR DAYS -----	0
REMARKS -----	TOTAL DUE THIS PROPOSAL ----- \$3,710.58

a. EXCLUSIONS PER SUBCONTRACT

h

C.

2004-2005 年度 研究報告

CHANGE ORDER PROPOSAL-----# **EH-007** 0 DATE----- 02/04/14 REVISION # **0**
CHANGE ORDER - RFI - ASI - EWO -----# **COP-007** 0 PROJECT-- **Woodland High School** **JOB #1303**
DESCRIPTION-----**Culinary Arts Plumbing Revisions**
LOCATION-----

MATERIAL -

description	quantity	cost / unit	unit	=	subtotal
a. Deduct			lf	=	\$0.00
b. 1/2" pex	-260	\$0.40	lf	=	-\$104.00
c. 1-1/2" pex fittings	-12	\$10.00	ea	=	-\$120.00
d.			ea	=	\$0.00
e. ADD			ea	=	\$0.00
f. 2" no hub pipe	40	\$5.50	lf	=	\$220.00
g. 2" no hub fittings	30	\$7.00	ea	=	\$210.00
h. 2" c/o plug and cover	6	\$13.00	ea	=	\$78.00
i. 2" no hub couplings	60	\$11.00	ea	=	\$660.00
j. 1" pex	25	\$1.20	lf	=	\$30.00
k. 1" type K	20	\$8.00	lf	=	\$160.00
l. 3/4" type K	20	\$5.00	lf	=	\$100.00
m. 1/2" type K	120	\$3.00	lf	=	\$360.00
n.			ea	=	\$0.00
o.			ea	=	\$0.00
p.			ea	=	\$0.00
q.			ea	=	\$0.00
r.			ea	=	\$0.00
s.			ea	=	\$0.00
t.			ea	=	\$0.00
u.			0	=	\$0.00
v.			0	=	\$0.00
w.			0	=	\$0.00
x.			0	=	\$0.00
y.			0	=	\$0.00
z. 0		\$0.00	0	=	\$0.00
aa. 0		\$0.00	0	=	\$0.00
bb. 0		\$0.00	0	=	\$0.00
cc. 0		\$0.00	0	=	\$0.00
dd. 0		\$0.00	0	=	\$0.00
ee. 0		\$0.00	0	=	\$0.00
ff. 0		\$0.00	0	=	\$0.00
gg. 0		\$0.00	0	=	\$0.00
hh. 0		\$0.00	0	=	\$0.00
ii. 0		\$0.00	0	=	\$0.00
jj. 0		\$0.00	0	=	\$0.00
kk. 0		\$0.00	0	=	\$0.00
ll. 0		\$0.00	0	=	\$0.00
mm. 0		\$0.00	0	=	\$0.00
nn. 0		\$0.00	0	=	\$0.00
oo. 0		\$0.00	0	=	\$0.00
pp. 0		\$0.00	0	=	\$0.00
qq. 0		\$0.00	0	=	\$0.00
rr. 0		\$0.00	0	=	\$0.00
ss. 0		\$0.00	0	=	\$0.00
tt. 0		\$0.00	0	=	\$0.00
uu. 0		\$0.00	0	=	\$0.00
vv. 0		\$0.00	0	=	\$0.00
ww. 0		\$0.00	0	=	\$0.00
xx. 0		\$0.00	0	=	\$0.00
yy. 0		\$0.00	0	=	\$0.00
zz. 0		\$0.00	0	=	\$0.00

SUBTOTAL MATERIAL - (balance carried forward to page #1)-----**\$1,594.00**

REMARKS -

a.

b.

c.



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 009

Date: 1/27/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
RFI#036 Sanitary Pipe to Grandstands	Owner	Open

Reference	Required By	Days Req	Amt Req
	2/3/2014	0 \$	643

Notes

This Change Order Request is for the costs to extend the sanitary sewer in accordance with RFI#036 dated January 16, 2014.

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
0021	1/14/2014		\$ 643	0	Owner	Architect/Consultant Directive
		RFI#036 Sanitary Pipe to Grandstands	Sanitary pipe required to the grandstand building, but was not designed.			

Item No	Item Description	Amt Prop	Reference
0001	Tapani to extend sanitary sewer in accordance with RFI#036.	\$ 595	
0002	GC/CM Bond	\$ 6	
0003	Subguard	\$ 6	
0004	Project Fee	\$ 36	

Approved By:

Signature

Name

Date



Request for Information 0036

Detailed, RFIs Grouped by RFI Number

Woodland High School

Project # 4113074-000

Skanska USA Building Inc.

Tel: Fax:

RFI #: 0036

Date Created: 1/6/2014

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	Brandon Jensen
Co-Respondent	Author RFI Number		

Subject	Discipline	Category
Sanitary Sewer Piping at Grandstands	Civil	
Cc: Company Name	Contact Name	Copies Notes

Question

Date Required: 1/13/2014

Reference C6.07 and M2.08:

There is a sanitary sewer line leaving the grandstands near gridlines AC-AD/A5 with a note that it is to sanitary sump pump. At gridline AA/A5 there is a vent line coming to the building which appears to be the vent for the pump station. The civil drawings show a sanitary sewer line routed to the approximate location of the vent line at AA/A5 but there is no sanitary sewer piping shown to the sewer line leaving the grandstands near gridlines AC-AD/A5.

Please clarify and/or provide revised plans showing correct sanitary sewer piping at grandstands.

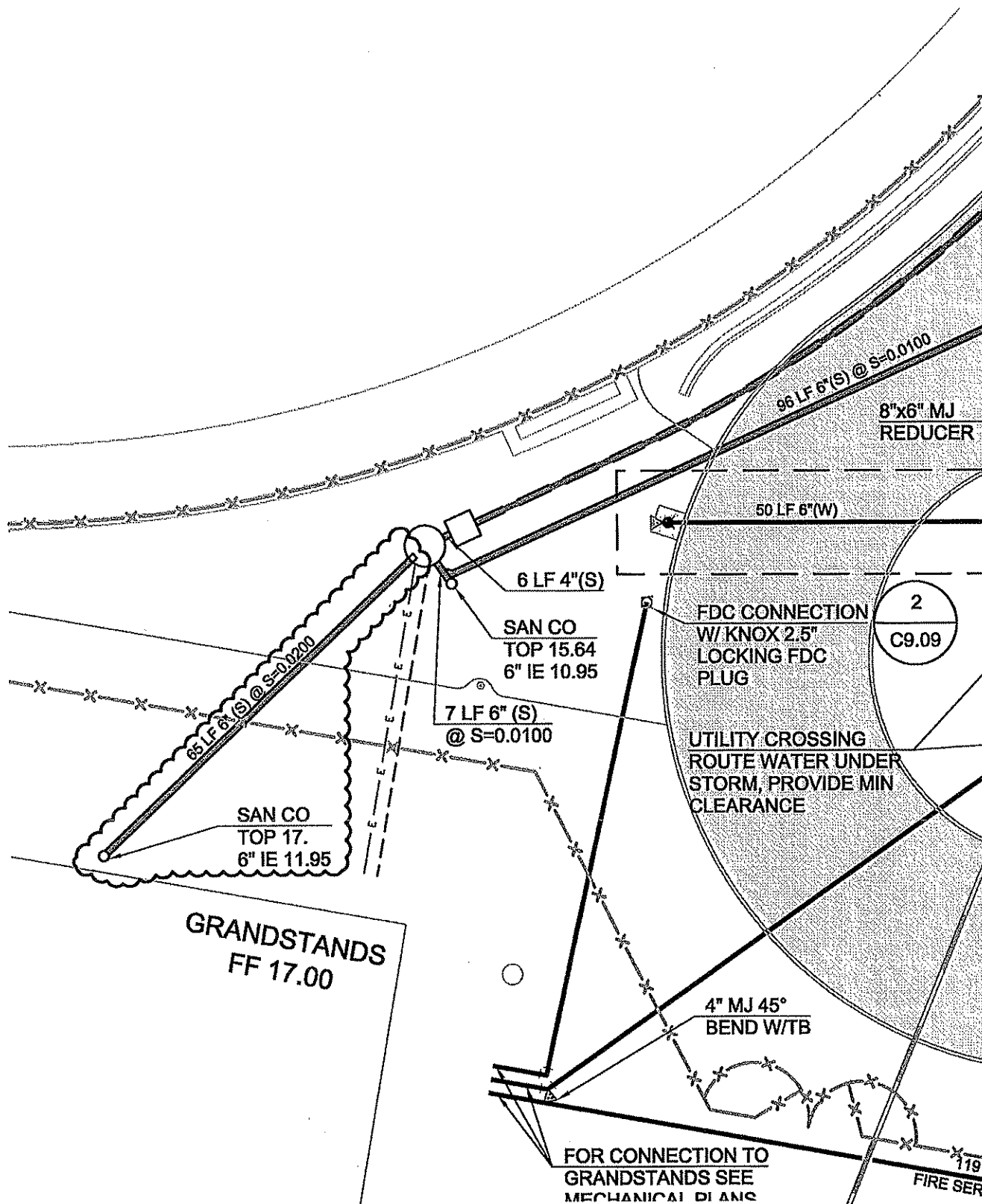
Suggestion

Answer

Date Answered:

A new sewer lateral location and elevation has been provided in CSK-028. Please note that the angle of the penetration into the wet vault of the lift station has changed as well.

Jeff Arrowsmith
HDJ Design Group



WOODLAND HIGH SCHOOL

1119.000

McGRANAHAN architects

TITLE: SANITARY SEWER REVISIONS

REFERENCE: C6.07

SCALE: 1"=20'

ISSUED FOR: RFI #036

DATE: JAN 10, 2014

CSK-028

REVISED: MPW

DRAWN BY: JBA

263
F 383 309
263
T 383 308



TAPANI INC.

PO Box 1900 • 1904 SE 6th Place • Battle Ground, WA 98604
(360) 687-1148 • (360) 687-7968 FAX

Monday, January 27, 2014

Serial Letter No. 003

Trevor Wyckoff
Skanska USA Building
222 SW Columbia Street Suite 300
Portland, OR 97201

RE: Response to RFI 0036
Woodland High School

Mr. Wyckoff,

Tapani Inc. would like to present the following cost proposal for the additional work required to construct the sanitary sewer line detailed in CSK-028 in the response to RFI 0036. The original plansheet C6.07 called out 46 LF and the revised plan CSK-028 calls out 65 LF. The net increase is 17 LF.

<u>Description</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
6" Sanitary Sewer Line	17	LF	\$35.00	\$595.00

Sincerely,

Chad Mahoney
Project Manager
Tapani, Inc



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 012

Date: 1/23/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
RFI#026/RFI#029 Below Grade Vents		Submitted

Reference	Required By	Days Req	Amt Req
	1/29/2014	0 \$	1,746

Notes

This Change Order Request is for the additional underground plumbing costs associated with RFI#026 and RFI#029 responses. Skanska requires direction no later than 1.29.14

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					
0025	1/14/2014	RFI#026 and #029	\$ 1,746	0	Owner	Architect/Consultant Directive
RFI#026/029 - Below Grade Vents / Oil Water Pipe			RFI responses to RFI#029 and RFI#026 created additional work for the underground plumbing subcontractor			

Item No	Item Description	Amt Prop	Reference
0001	Underground Plumbing Revisions Associated with RFI#029 and RFI#026.	\$ 1,615	
0002	GC/CM Bond	\$ 16	
0003	Subcontractor Subguard Costs	\$ 16	
0004	Skanska Fee	\$ 99	

Approved By:

Signature

Name

Date

Detailed, RFIs Grouped by RFI Number

Woodland High School	Project # 4113074-000	Skanska USA Building Inc.
	Tel: Fax:	

RFI #: 0026	Date Created: 1/2/2014
--------------------	-------------------------------

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke

Co-Respondent	Author RFI Number
----------------------	--------------------------

Subject	Discipline	Category
2" oil/ water waste line invevt	Mechanical	

Cc: Company Name	Contact Name	Copies	Notes
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Question	Date Required: 1/9/2014
-----------------	--------------------------------

Reference M2.03 and attached drawing.

The plans on Page M2.03 indicate the 2" oil waste line has a starting invert of -3'-0"BFF, with 130' feet of pipe (ran at 1/4" per ft.) the invert at the furthest floor drain will be -0'-3" BFF.
The invert will need to be lowered a min. of 12" to allow for the p-trap, vent and floor drain to be installed.
Please advise

Suggestion

Answer	Date Answered:
---------------	-----------------------

Modify waste and vent piping as shown on sketch MSK-066.

Brett Parks, BCE Engineers 01/13/2014

Detailed, RFIs Grouped by RFI Number

Woodland High School	Project # 4113074-000	Skanska USA Building Inc.
	Tel: Fax:	

RFI #: 0029	Date Created: 1/3/2014
--------------------	-------------------------------

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke

Co-Respondent	Author RFI Number
----------------------	--------------------------

Subject	Discipline	Category
Below grade vents	Plumbing	

Cc: Company Name	Contact Name	Copies	Notes
-------------------------	---------------------	---------------	--------------

Question	Date Required: 1/10/2014
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The plans on M2.03 (on the oil/water separator line) and M2.05 (in the locker rooms) are showing the vents from the floor drains being connected to each other below the flood rim level of the fixture they serve. The plumbing code requires that they rise a min. of 6" above the flood rim level before any vent can be to another vent.

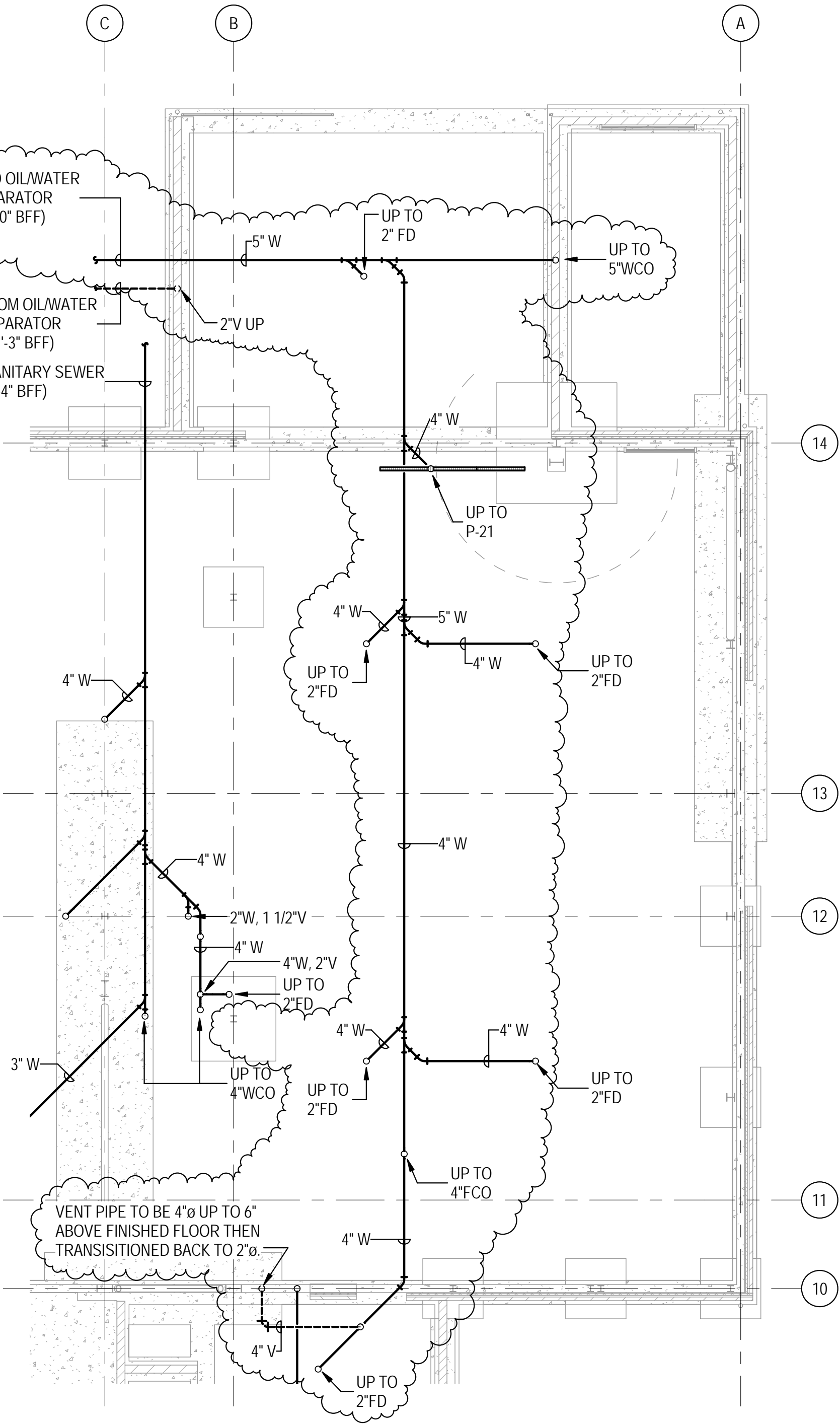
Please advise.

Suggestion

Answer	Date Answered:
---------------	-----------------------

Modify waste and vent piping as shown on sketches MSK-066, MSK-067, and MSK-068.

Brett Parks, BCE Engineers, 01/13/2014



WOODLAND HIGH SCHOOL

11119.000

McGRANAHAN architects

TITLE: LEVEL 0 - PLUMBING PLAN - INDUSTRIAL TECH REVISION

REFERENCE: 1 / M203

SCALE: 1/8" = 1'-0"

ISSUED FOR: RFI-0026, RFI-0029

DATE: 01/13/14

MSK - 066

REVISED: BMP

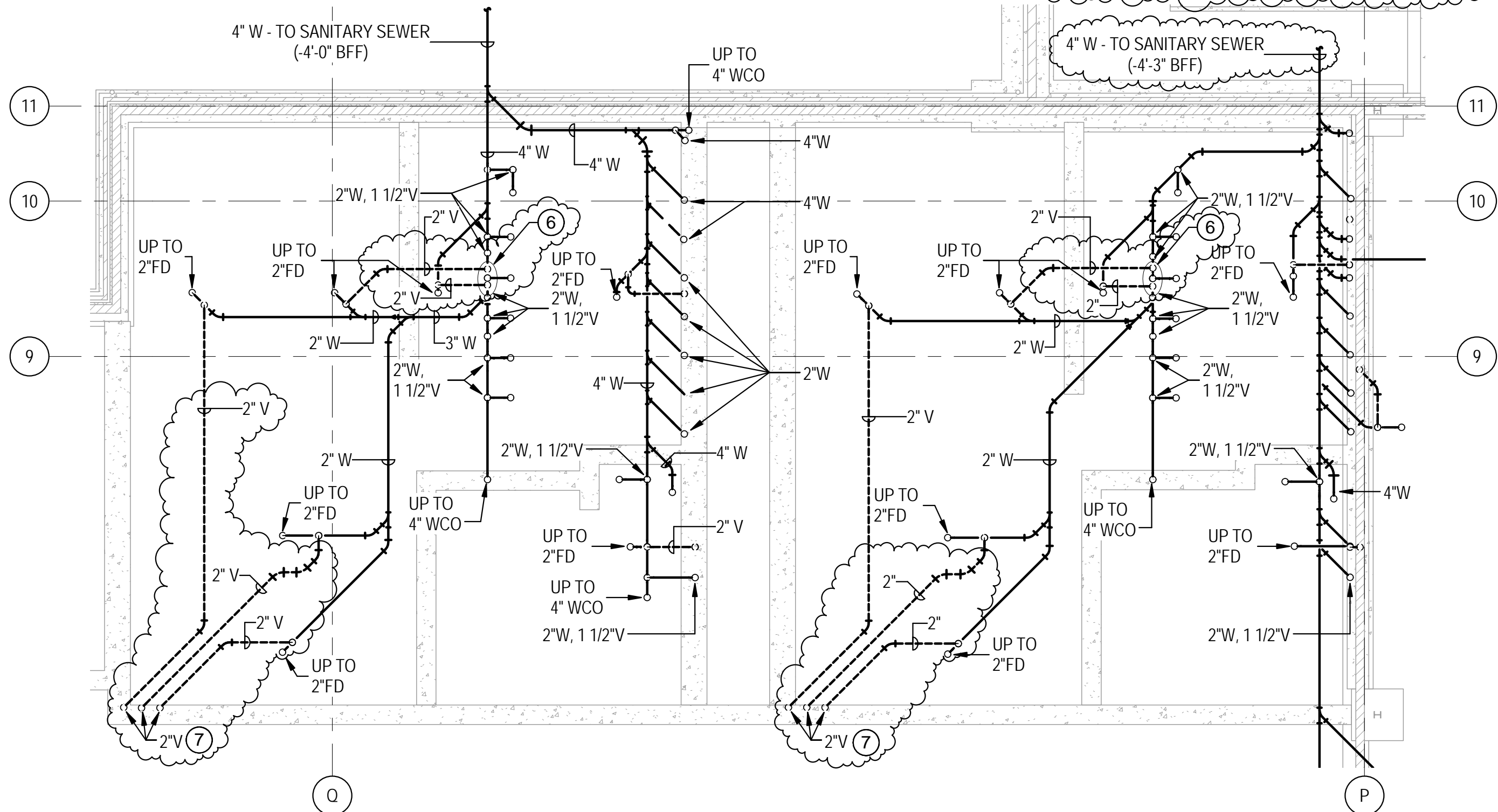
DRAWN BY: BC

#

CONSTRUCTION NOTES

6 MERGE VENTS INTO A 2"V, 6" ABOVE FINISHED FLOOR.

7 MERGE VENTS INTO A 3"V, 6" ABOVE FINISHED FLOOR.

4" W - TO SANITARY SEWER
(-4'-3" BFF)

WOODLAND HIGH SCHOOL

1119.000

McGRANAHAN architects

TITLE: LEVEL 0 - PLUMBING PLAN - GYM NORTH - VENT REVISION

REFERENCE: 2/ M2.05

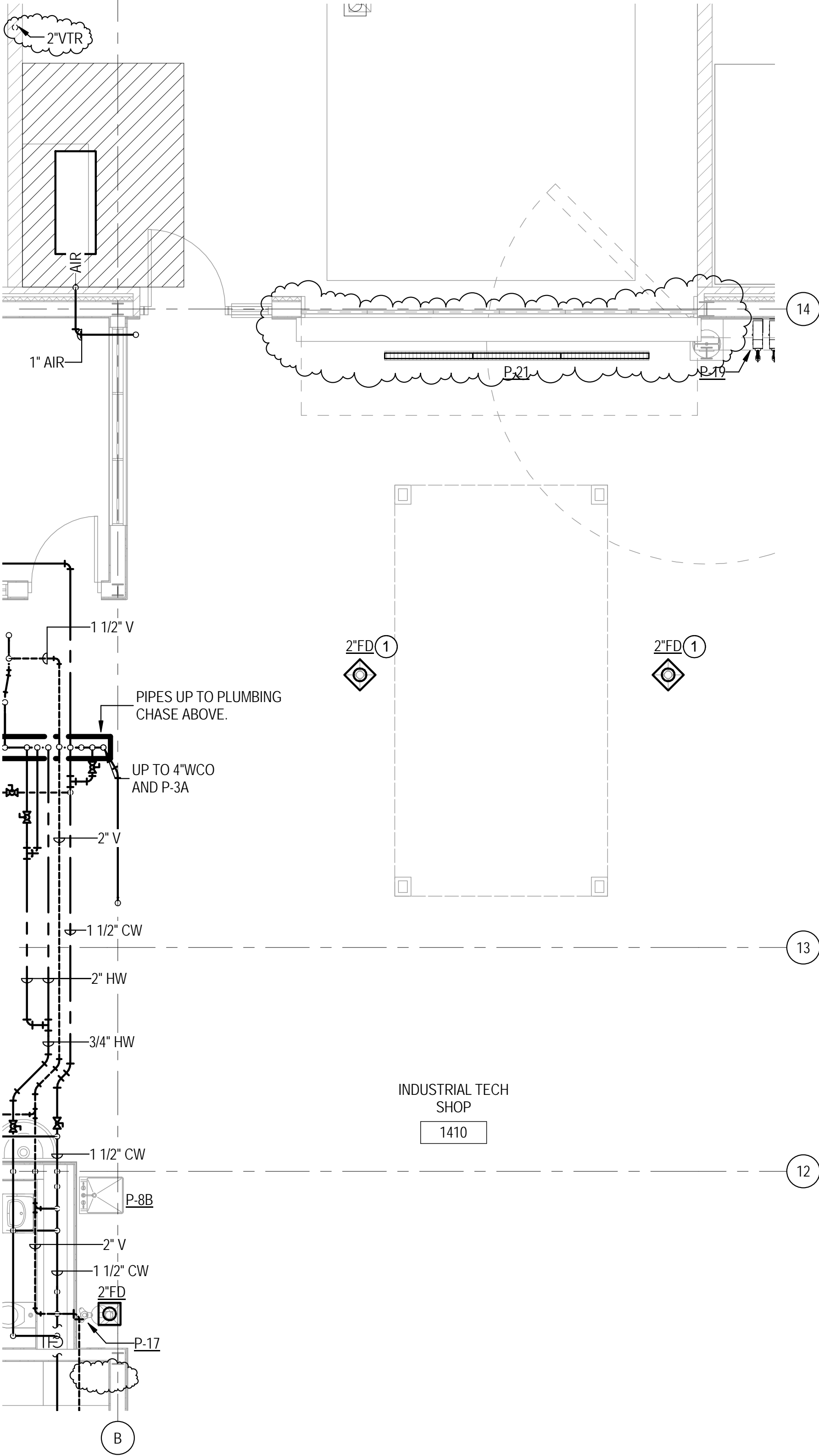
SCALE: 1/8" = 1'-0"

ISSUED FOR: RFI-0029

DATE: 01/10/14

MSK - 067

REVISED: BMP
DRAWN BY: BC253
F 383 3097
253
T 383 3084



WOODLAND HIGH SCHOOL

TITLE: LEVEL 0 - PLUMBING PLAN - INDUSTRIAL TECH REVISION
REFERENCE: 2 / M247
SCALE: 1/4" = 1'-0"
ISSUED FOR: RFI-0026, RFI-0029
DATE: 01/13/14

11119.000 McGRANAHAN architects

MSK - 068

REVISED: BMP
DRAWN BY: BC

253
F 383 3097
T 383 3084

CHANGE ORDER PROPOSAL-----#	EH-02	DATE-----	01/16/14	REVISION #	
CHANGE ORDER - RFI - ASI - EWO ----#	RFI 26	PROJECT--	Woodland High School	JOB #1304	
DESCRIPTION-----	Oil waste invert				
LOCATION-----					

LABOR -

description	rate	hour	=	subtotal	TOTAL
a. plumber/fitter, s.t.	\$62.57	0	=	\$0.00	
b. plumber/fitter, s.t. Foreman	\$66.76	10	=	\$667.60	
c. plumber/fitter, o.t.	\$93.85	0	=	\$0.00	
d. plumber/fitter, o.t. Foreman	\$100.14	0	=	\$0.00	
e. as-builts	\$66.76	1	=	\$66.76	
f. cordination	\$66.76	0	=	\$0.00	
g. Driver		0	=	\$0.00	
0 total hours		0			
		subtotal labor		\$734.36	\$734.36

ALLOWANCE FOR LABOR BURDEN @	18.00%	\$132.18
(includes labor tax, industrial insurance, employment insurance, payroll portion of general liability.)	SUB-TOTAL LABOR	\$866.54

ALLOWANCE FOR SAFETY @	0.00%	\$0.00
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ALLOWANCE FOR SMALL TOOLS @	0.00%	\$0.00
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TOTAL LABOR		\$866.54
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MATERIAL - PAGE #2. MATERIAL BREAKDOWN BALANCE FORWARD

balance forward-----		\$424.00
----------------------	--	----------

subtotal material-----	\$424.00	\$424.00
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ALLOWANCE FOR FRT. & HDLG. ON MAT. -----	0.00%	\$0.00
--	-------	--------

TOTAL MATERIAL	\$424.00
----------------	----------

EQUIPMENT ..

	description	duration	rate	unit	=		
a.	0				=	\$0.00	
b.					=	\$0.00	
c.					=	\$0.00	
				TOTAL EQUIPMENT -----		\$0.00	\$0.00

SUBTOTAL EAGLE HARBOR ASSOCIATES DIRECT COSTS -		\$1,290.54
OVERHEAD ON EHA WORK @ ----- 15.00%		\$193.58

TOTAL Eagle Harbor Associates LLC PORTION	\$1,484.13
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SUBCONTRACTOR WORK ---

a.			
b.			\$0.00
c.			\$0.00

0	subtotal subcontractor ---	\$0.00	\$0.00
EHA, OVERHEAD/PROFIT - SUBCONTRACT WORK -	12.00%		\$0.00

TOTAL SUBCONTRACTOR	\$0.00
---------------------	--------

Insurance @ 0.8%	\$11.87
Bond Premium @ 1%	\$14.84

TIME EXTENSION IN CALENDAR DAY'S -----	0
REMARKS -----	TOTAL DUE THIS PROPOSAL ----- \$1,510.84

a. EXCLUSIONS PER SUBCONTRACT

9.

C.

CHANGE ORDER PROPOSAL-----# **EH-02** 0 DATE----- 01/16/14 REVISION # **0**
CHANGE ORDER - RFI - ASI - EWO -----# **RFI 26** 0 PROJECT-- **Woodland High School** **JOB #1303**
DESCRIPTION----- **Oil waste invert**
LOCATION-----

MATERIAL -		quantity	cost / unit	unit	=	subtotal
a.	Deduct	0	\$0.00	ea	=	\$0.00
b.	2" no hub pipe	-270	\$5.50	lf	=	-\$1,485.00
c.	2" no hub fitting	-33	\$7.00	ea	=	-\$231.00
d.	2" floor cleanout	-1	\$154.00	ea	=	-\$154.00
e.	2" no hub coupling	-110	\$11.00	ea	=	-\$1,210.00
f.	Add	0	\$0.00	ea	=	\$0.00
g.	6" no hub pipe	30	\$15.00	lf	=	\$450.00
h.	4" no hub pipe	100	\$9.00	lf	=	\$900.00
i.	3" no hub pipe	40	\$6.50	lf	=	\$260.00
j.	6" no hub fittings	4	\$30.00	ea	=	\$120.00
k.	4" no hub fittings	12	\$15.00	ea	=	\$180.00
l.	3" no hub fittings	20	\$9.00	ea	=	\$180.00
m.	6" no hub couplings	7	\$18.00	ea	=	\$126.00
n.	4" no hub couplings	24	\$13.00	ea	=	\$312.00
o.	3" no hub couplings	45	\$12.00	ea	=	\$540.00
p.	4" floor cleanout	2	\$218.00	ea	=	\$436.00
q.			\$0.00	ea	=	\$0.00
r.			\$0.00	ea	=	\$0.00
s.			\$0.00	ea	=	\$0.00
t.			\$0.00	ea	=	\$0.00
u.			\$0.00	0	=	\$0.00
v.	0		\$0.00	0	=	\$0.00
w.	0		\$0.00	0	=	\$0.00
x.	0		\$0.00	0	=	\$0.00
y.	0		\$0.00	0	=	\$0.00
z.	0		\$0.00	0	=	\$0.00
aa.	0		\$0.00	0	=	\$0.00
bb.	0		\$0.00	0	=	\$0.00
cc.	0		\$0.00	0	=	\$0.00
dd.	0		\$0.00	0	=	\$0.00
ee.	0		\$0.00	0	=	\$0.00
ff.	0		\$0.00	0	=	\$0.00
gg.	0		\$0.00	0	=	\$0.00
hh.	0		\$0.00	0	=	\$0.00
ii.	0		\$0.00	0	=	\$0.00
jj.	0		\$0.00	0	=	\$0.00
kk.	0		\$0.00	0	=	\$0.00
ll.	0		\$0.00	0	=	\$0.00
mm.	0		\$0.00	0	=	\$0.00
nn.	0		\$0.00	0	=	\$0.00
oo.	0		\$0.00	0	=	\$0.00
pp.	0		\$0.00	0	=	\$0.00
qq.	0		\$0.00	0	=	\$0.00
rr.	0		\$0.00	0	=	\$0.00
ss.	0		\$0.00	0	=	\$0.00
tt.	0		\$0.00	0	=	\$0.00
uu.	0		\$0.00	0	=	\$0.00
vv.	0		\$0.00	0	=	\$0.00
ww.	0		\$0.00	0	=	\$0.00
xx.	0		\$0.00	0	=	\$0.00
yy.	0		\$0.00	0	=	\$0.00
zz.	0		\$0.00	0	=	\$0.00

SUBTOTAL MATERIAL - (balance carried forward to page #1)----- **\$424.00**

REMARKS -

a.
b.
c.

CHANGE ORDER PROPOSAL-----#	EH-03	DATE -----	01/16/14	REVISION #	
CHANGE ORDER - RFI - ASI - EWO -----#	RFI-29	PROJECT--	Woodland High School	JOB #	1304
DESCRIPTION	Underslab vents				
LOCATION					

LABOR -

description	rate	hour	=	subtotal	TOTAL
a. plumber/fitter, s.t.	\$62.57	0	=	\$0.00	
b. plumber/fitter, s.t. Foreman	\$66.76	-1	=	-\$66.76	
c. plumber/fitter, o.t.	\$93.85	0	=	\$0.00	
d. plumber/fitter, o.t. Foreman	\$100.14	0	=	\$0.00	
e. as-builts	\$66.76	1	=	\$66.76	
f. cordination	\$66.76	0	=	\$0.00	
g. Driver		0	=	\$0.00	
0 total hours		0			
		subtotal labor		\$0.00	\$0.00

ALLOWANCE FOR LABOR BURDEN @	18.00%	\$0.00
(includes labor tax, industrial insurance, employment insurance, payroll portion of general liability.)		
SUB-TOTAL LABOR		\$0.00

ALLOWANCE FOR SAFETY @	0.00%	\$0.00
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ALLOWANCE FOR SMALL TOOLS @-----	0.00%	\$0.00
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TOTAL LABOR		\$0.00
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MATERIAL - PAGE #2, MATERIAL BREAKDOWN BALANCE FORWARD

balance forward-----	=	\$89.00
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subtotal material-----	\$89.00	\$89.00
------------------------	---------	---------

ALLOWANCE FOR FRT. & HDLG. ON MAT.	0.00%	\$0.00
---	-------	--------

TOTAL MATERIAL		\$89.00
----------------	--	---------

EQUIPMENT -

	description	duration	rate	unit	=		
a.	0				=	\$0.00	
b.					=	\$0.00	
c.					=	\$0.00	
TOTAL EQUIPMENT ----						\$0.00	\$0.00

SUBTOTAL EAGLE HARBOR ASSOCIATES DIRECT COSTS -	\$89.00
OVERHEAD ON EHA WORK @ ----- 15.00%	\$13.35

TOTAL Eagle Harbor Associates LLC PORTION	\$102.35
---	----------

SUBCONTRACTOR WORK

a.			
b.			\$0.00
c.			\$0.00

0	subtotal subcontractor --	\$0.00	\$0.00
EHA, OVERHEAD/PROFIT - SUBCONTRACT WORK -	12.00%		\$0.00

TOTAL SUBCONTRACTOR-----	\$0.00
--------------------------	--------

Insurance @ 0.8%	\$0.82
Bond Premium @ 1%	\$1.02

TIME EXTENSION IN CALENDAR DAYS	0
REMARKS --	TOTAL DUE THIS PROPOSAL \$104.19

a.	EXCLUSIONS PER SUBCONTRACT
b.	
c.	

CHANGE ORDER PROPOSAL-----# **EH-03** 0 DATE----- 01/16/14 REVISION # **0**
CHANGE ORDER - RFI - ASI - EWO -----# **RFI-29** 0 PROJECT-- **Woodland High School** JOB #1303
DESCRIPTION----- **Underslab vents**
LOCATION-----

MATERIAL -

	description	quantity	cost / unit	unit	=	subtotal
a.	3" no hub pipe	-60	\$6.50	lf	=	-\$390.00
b.	3" no hub fittings	-14	\$9.00	ea	=	-\$126.00
c.	3" no hub couplings	-29	\$12.00	ea	=	-\$348.00
d.	ADD	0	\$0.00	ea	=	\$0.00
e.	2" no hub pipe	80	\$5.50	ea	=	\$440.00
f.	2" No-Hub Fittings	12	\$7.00	ea	=	\$84.00
g.	2" No-Hub Couplings	30	\$11.00	ea	=	\$330.00
h.	3" no hub fittings	3	\$9.00	ea	=	\$27.00
i.	3" no hub couplings	6	\$12.00	ea	=	\$72.00
j.		0	\$0.00	ea	=	\$0.00
k.		0	\$0.00	ea	=	\$0.00
l.		0	\$0.00	ea	=	\$0.00
m.		0	\$0.00	ea	=	\$0.00
n.			\$0.00	ea	=	\$0.00
o.			\$0.00	ea	=	\$0.00
p.			\$0.00	ea	=	\$0.00
q.			\$0.00	ea	=	\$0.00
r.			\$0.00	ea	=	\$0.00
s.			\$0.00	ea	=	\$0.00
t.			\$0.00	ea	=	\$0.00
u.			\$0.00	0	=	\$0.00
v.	0		\$0.00	0	=	\$0.00
w.	0		\$0.00	0	=	\$0.00
x.	0		\$0.00	0	=	\$0.00
y.	0		\$0.00	0	=	\$0.00
z.	0		\$0.00	0	=	\$0.00
aa.	0		\$0.00	0	=	\$0.00
bb.	0		\$0.00	0	=	\$0.00
cc.	0		\$0.00	0	=	\$0.00
dd.	0		\$0.00	0	=	\$0.00
ee.	0		\$0.00	0	=	\$0.00
ff.	0		\$0.00	0	=	\$0.00
gg.	0		\$0.00	0	=	\$0.00
hh.	0		\$0.00	0	=	\$0.00
ii.	0		\$0.00	0	=	\$0.00
jj.	0		\$0.00	0	=	\$0.00
kk.	0		\$0.00	0	=	\$0.00
ll.	0		\$0.00	0	=	\$0.00
mm.	0		\$0.00	0	=	\$0.00
nn.	0		\$0.00	0	=	\$0.00
oo.	0		\$0.00	0	=	\$0.00
pp.	0		\$0.00	0	=	\$0.00
qq.	0		\$0.00	0	=	\$0.00
rr.	0		\$0.00	0	=	\$0.00
ss.	0		\$0.00	0	=	\$0.00
tt.	0		\$0.00	0	=	\$0.00
uu.	0		\$0.00	0	=	\$0.00
vv.	0		\$0.00	0	=	\$0.00
ww.	0		\$0.00	0	=	\$0.00
xx.	0		\$0.00	0	=	\$0.00
yy.	0		\$0.00	0	=	\$0.00
zz.	0		\$0.00	0	=	\$0.00

SUBTOTAL MATERIAL - (balance carried forward to page #1)----- **\$89.00**

REMARKS -

a.

b.

c.



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 019

Date: 1/23/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
RFI#041 - DBL Welded W14x43	Owner	Submitted

Reference	Required By	Days Req	Amt Req
	1/27/2014	0 \$	1,586

Notes

This Change Order Request is for the re-detailing costs for the structural steel related to the RFI response provided in RFI#041. The RFI was initiated by Skanska's layout foreman who noted a discrepancy in the design documents. Yakima Steel had already detailed the column per the drawings. The cost is for Yakima Steel's redetailing fees. Skanska and subcontractor require direction by 1/27/2014.

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					

0030	1/20/2014		\$	1,586	0	Owner
RFI#041 - DBL welded W14X43 centerlines			RFI#041 issued by Skanska's concrete layout foreman, noting a design discrepancy. The response required a change the location of columns, requiring redetailing.			

Item No	Item Description	Amt Prop	Reference
0001	Yakima Steel - Redetailing per RFI#041.	\$ 1,467	Yakima#03
0002	GC/CM Bond	\$ 15	
0003	Subcontractor Subguard Bond	\$ 15	
0004	Skanska Fee	\$ 90	

Approved By:

Signature

Name

Date

Detailed, RFIs Grouped by RFI Number

Woodland High School	Project # 4113074-000	Skanska USA Building Inc.
	Tel: Fax:	

RFI #: 0041	Date Created: 1/8/2014
--------------------	-------------------------------

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke

Co-Respondent	Author RFI Number
----------------------	--------------------------

Subject	Discipline	Category
DBL welded W14X43 to center line	Structural	

Cc: Company Name	Contact Name	Copies	Notes
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Question	Date Required: 1/15/2014
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Reference sheet S2.14, columns at gridline 14 and J.8 line.

Please confirm the centerline dimensions of the double welded W14X43 along gridline 14. There is a centerline shown but no dimension provided.

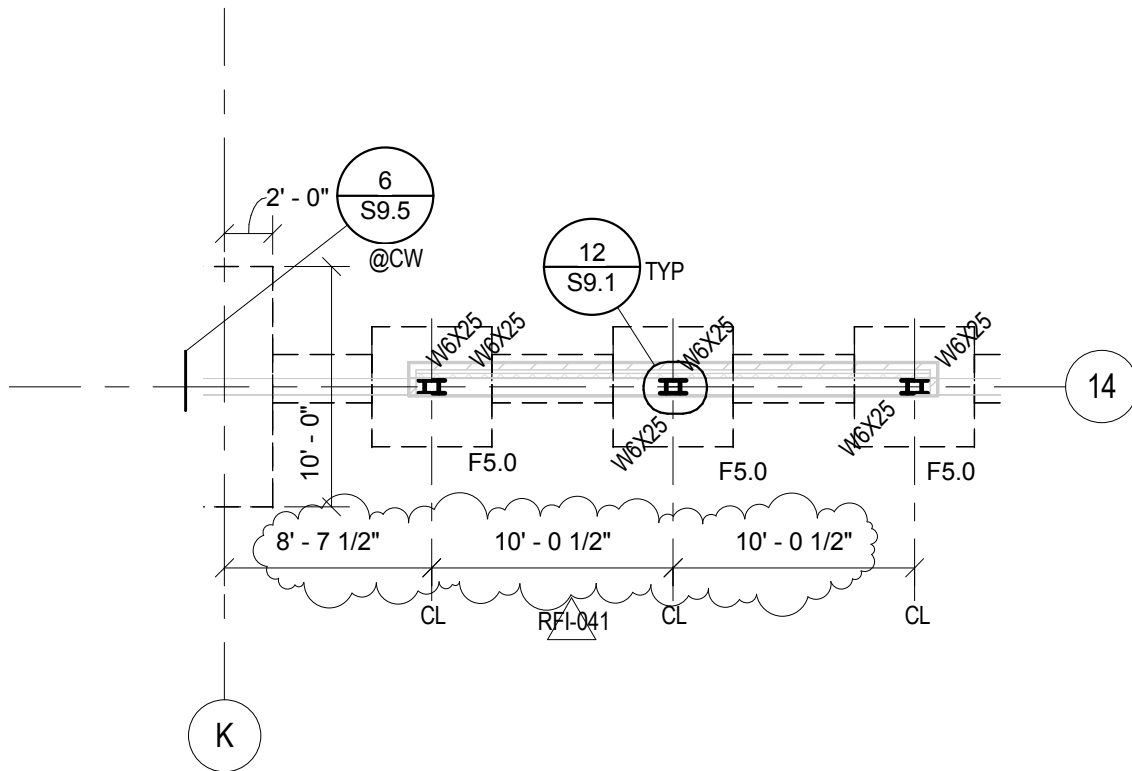
Suggestion

Answer	Date Answered:
---------------	-----------------------

See attached sketch SSK-053 for updated dimensions to centerline of the double W14x43 at this location.



Response by:
Ryan R. Musgrove, P.E.
01/09/2014



WOODLAND HIGH SCHOOL

1119.000

McGRANAHAN architects

TITLE: PARTIAL FDN PLAN - MUSIC-DRAMA
 REFERENCE: S2.14
 SCALE: 1/8" = 1'-0"
 ISSUED FOR: RFI-041
 DATE: 01.09.14

SSK-053

REVISED: CCC
 DRAWN BY: CCC

253
 F 383 3097
 253
 T 383 3084

FOOTING SCHEDULE						
Type Mark	Length	Width	Thickness	Bottom Bars	Top Bars	Notes
F4.0	4' - 0"	4' - 0"	12"	(5) #4 EA WAY		
F4.0-1	4' - 0"	4' - 0"	12"	(5) #4 EA WAY	(5) #4 EA WAY	
F5.0	5' - 0"	5' - 0"	12"	(6) #5 EA WAY		
F5.0-GS	5' - 0"	5' - 0"	24"	(6) #5 EA WAY	(6) #5 EA WAY	GRANDSTAND
F6.0	6' - 0"	6' - 0"	15"	(7) #5 EA WAY		
F6.0BF	6' - 0"	6' - 0"	36"	(7) #6 EA WAY	(7) #6 EA WAY	
F6.5	6' - 6"	6' - 6"	24"	(7) #5 EA WAY	(7) #5 EA WAY	
F7.0	7' - 0"	7' - 0"	15"	(8) #5 EA WAY		
F7.0-GS	7' - 0"	7' - 0"	36"	(8) #6 EA WAY	(8) #6 EA WAY	GRANDSTAND
F7.0BF	7' - 0"	7' - 0"	36"	(8) #6 EA WAY		BRACED FRAME
F8.0	8' - 0"	8' - 0"	18"	(9) #6 EA WAY		
F8.0BF	8' - 0"	8' - 0"	36"	(9) #6 EA WAY	(9) #6 EA WAY	BRACED FRAME
F9.0	9' - 0"	9' - 0"	21"	(10) #6 EA WAY		
F9.0-GS	9' - 0"	9' - 0"	36"	(10) #6 EA WAY	(10) #6 EA WAY	GRANDSTAND
F9.5-GS	9' - 6"	9' - 6"	48"	(10) #7 EA WAY	(10) #7 EA WAY	GRANDSTAND
F10.0	10' - 0"	10' - 0"	21"	(11) #6 EA WAY		
F13.0-GS	13' - 0"	13' - 0"	48"	(14) #7 EA WAY	(14) #7 EA WAY	GRANDSTAND



```
project_
WOODLAND HIGH SCHOOL

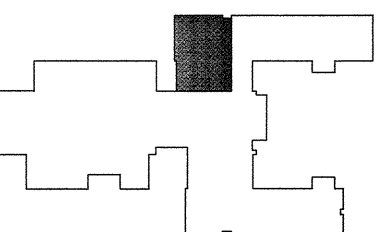
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WOODLAND SCHOOL DISTRICT

location_
WOODLAND, WA
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Project No. 1119.000

**PARTIAL FDN
PLAN -
MUSIC-DRAMA**

KEY PLAN



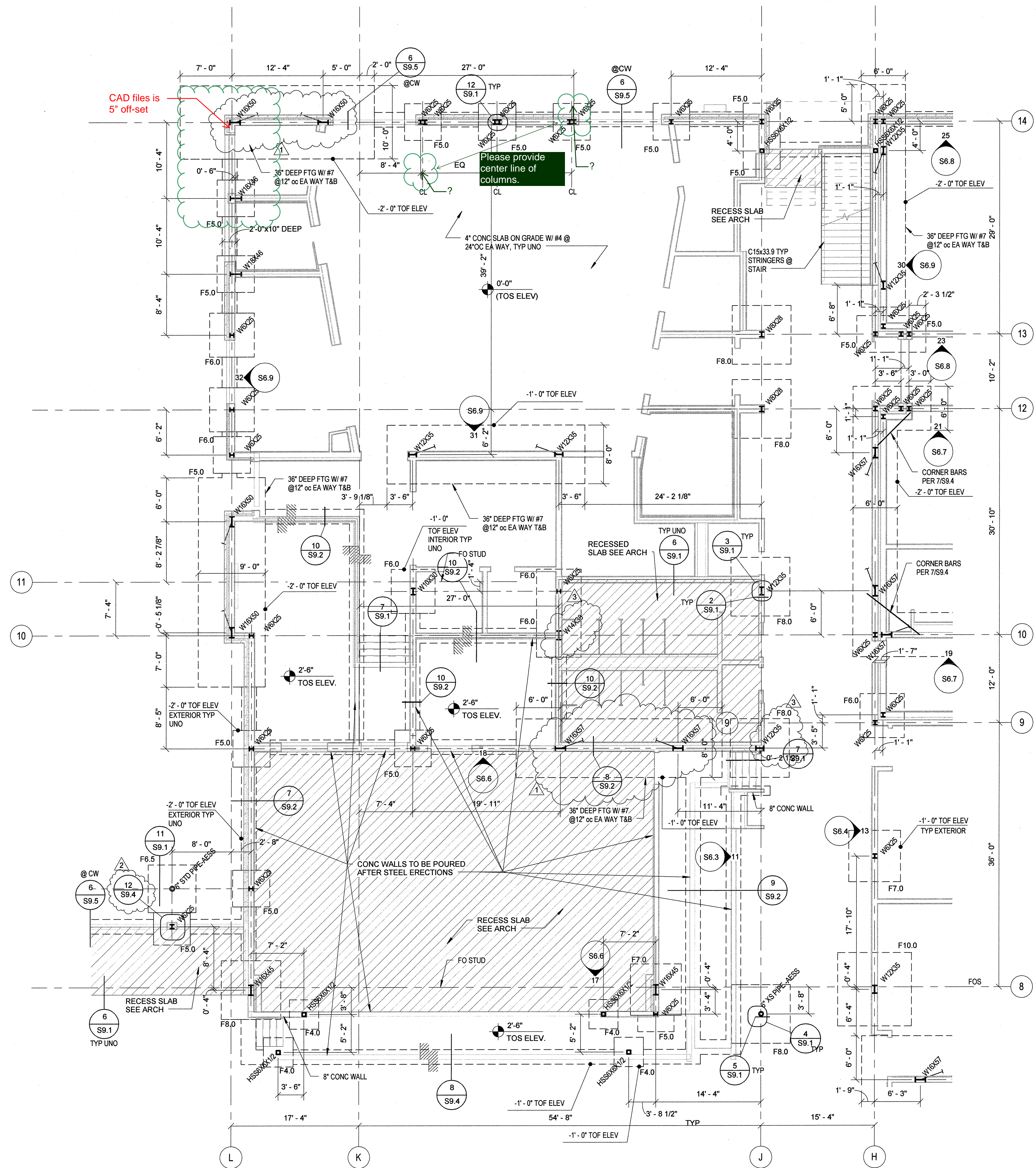
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ADDENDUM NO.1	20 SEPT 13
ADDENDUM NO.2	30 SEPT 13
ADDENDUM NO.3	4 OCT 13

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author

checked_
checker

sheet_

S2.14



PROJECT
NORTH

PARTIAL FDN PLAN - MUSIC-DRAMA

1/8" = 1'-0"



YAKIMASTEEL

6 E. Washington Ave
Yakima, WA 98903
Phone: 509.575.1570
Fax: 509.453.3697

Change Order Authorization

Date: 1/23/2014

To: Skanska
Attn: David
Job Name: WHS

Job #: 34609
Change Order #: 2
Attachments: None

Description:

Revise dwgs per RFI 41
Effects 21 fabrication dwgs
Effects 3 plan dwgs

13 hours of detailing and checking at 85.00 per hour

Materials		
Drawings	\$ 1,275.00	15 hours @ 85.00
Shop Labor		
Field Labor		
Delivery		
Other		
Sub-Total	\$ 1,275.00	
Overhead (10%)	\$ 128.00	
Profit (5%)	\$ 64.00	
Total	\$ 1,467.00	

Written authorization is required prior to Yakima Steel's performance of the changes specified herein. The price for the changes specified is based on Yakima Steel's immediate receipt of a signed Change Order Authorization, so that the changes may be incorporated in the work currently in process. Delays in receiving such authorization may increase the price of the specified changes and/or delay deliveries at no cost or penalty to Yakima Steel. This authorization is not intended to replace your written Change Order. If, however, your Change Order has not been received by the periodic billing date subsequent to our performance of changes authorized, Yakima Steel is herewith authorized to invoice for amounts specified herein and such amounts shall be due and payable to Yakima Steel.

Accepted: The above prices and terms of this Changes Order Authorization are satisfactory and are hereby accepted.
All work specified herein to be performed under the same terms and conditions as specified in original contract unless otherwise specified.

Approval Signature: _____

Date of Acceptance: _____

Print Name & Title: _____



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 020

Date: 1/23/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
RFI#042 Column Location @ Gridline L/14		Submitted

Reference	Required By	Days Req	Amt Req
	1/30/2014	0 \$	1,244

Notes

This Change Order Request is for the re-detailing costs for the structural steel related to the RFI response provided in RFI#042. The RFI was initiated by Skanska's layout foreman who noted a discrepancy in the design documents. Yakima Steel had already detailed the column per the drawings. The cost is for Yakima Steel's redetailing fees. Skanska and subcontractor require direction by 1/27/2014.

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					
0029	1/20/2014		\$ 1,244	0	Owner	Architect/Consultant Directive
RFI#042 - Column location @ gridline L/14			RFI#042 issued by Skanska's concrete layout foreman, noting a design discrepancy. The response required a change to the centerline of the column.			

Item No	Item Description	Amt Prop	Reference
0001	Yakima Steel - Redetailing as required by RFI#042.	\$ 978	Yakima#02
0002	CM/GC Bond	\$ 98	
0003	Subcontractor Subguard Bond	\$ 98	
0004	Skanska Fee	\$ 70	

Approved By:

Signature

Name

Date

Detailed, RFIs Grouped by RFI Number

Woodland High School	Project # 4113074-000	Skanska USA Building Inc.
	Tel: Fax:	

RFI #: 0042	Date Created: 1/9/2014
--------------------	-------------------------------

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke

Co-Respondent	Author RFI Number
	Skanska

Subject	Discipline	Category
Column location @ grid line L/14	Structural	

Cc: Company Name	Contact Name	Copies	Notes
-------------------------	---------------------	---------------	--------------

Question	Date Required: 1/16/2014
-----------------	---------------------------------

Reference sheet S2.14, column at the corner of grid line L/14.

There is a 6" dimension to center line of the columns along grid line L. However, the corner column graphically looks like it is different than 6". Please provide a center line dimension to the W16X50 column at grid line L/14 if required.

Please advise.

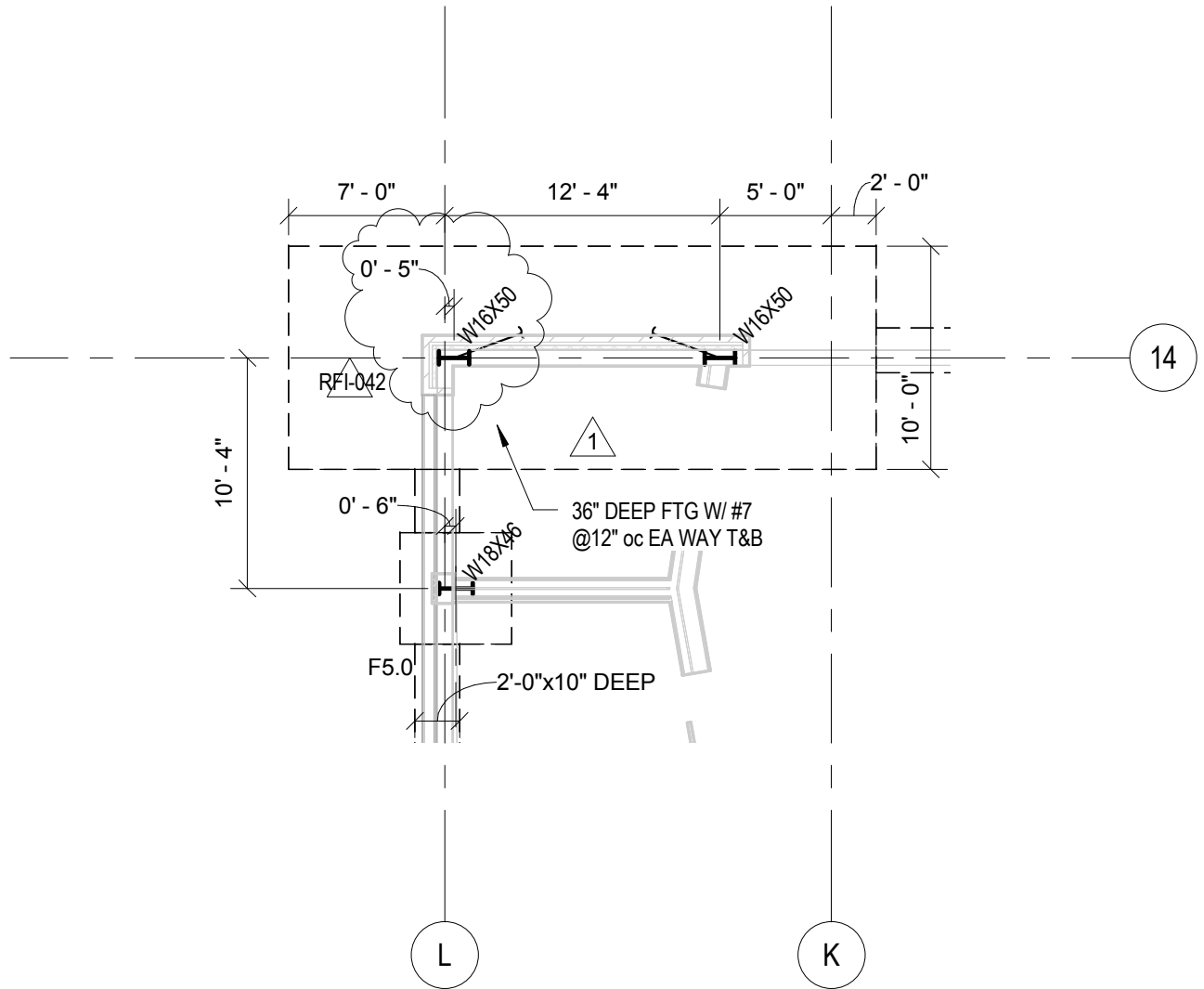
Suggestion

Answer	Date Answered:
---------------	-----------------------

See attached sketch SSK-054 for updated dimensions to centerline of the W16x50 at this location.



Response by:
Ryan R. Musgrove, P.E.
01/10/2014



WOODLAND HIGH SCHOOL

1119.000

McGRANAHAN architects

TITLE: PARTIAL FDN PLAN - MUSIC-DRAMA
 REFERENCE: S2.14
 SCALE: 1/8" = 1'-0"
 ISSUED FOR: RFI-042
 DATE: 01.09.14

SSK-054

REVISED: RRM
 DRAWN BY: CCC

253
 F 383 3097
 253
 T 383 3084

FOOTING SCHEDULE						
Type Mark	Length	Width	Thickness	Bottom Bars	Top Bars	Notes
F4.0	4' - 0"	4' - 0"	12"	(5) #4 EA WAY		
F4.0-1	4' - 0"	4' - 0"	12"	(5) #4 EA WAY	(5) #4 EA WAY	
F5.0	5' - 0"	5' - 0"	12"	(6) #5 EA WAY		
F5.0-GS	5' - 0"	5' - 0"	24"	(6) #5 EA WAY	(6) #5 EA WAY	GRANDSTAND
F6.0	6' - 0"	6' - 0"	15"	(7) #5 EA WAY		
F6.0BF	6' - 0"	6' - 0"	36"	(7) #6 EA WAY	(7) #6 EA WAY	
F6.5	6' - 6"	6' - 6"	24"	(7) #5 EA WAY	(7) #5 EA WAY	
F7.0	7' - 0"	7' - 0"	15"	(8) #5 EA WAY		
F7.0-GS	7' - 0"	7' - 0"	36"	(8) #6 EA WAY	(8) #6 EA WAY	GRANDSTAND
F7.0BF	7' - 0"	7' - 0"	36"	(8) #6 EA WAY		BRACED FRAME
F8.0	8' - 0"	8' - 0"	18"	(9) #6 EA WAY		
F8.0BF	8' - 0"	8' - 0"	36"	(9) #6 EA WAY	(9) #6 EA WAY	BRACED FRAME
F9.0	9' - 0"	9' - 0"	21"	(10) #6 EA WAY		
F9.0-GS	9' - 0"	9' - 0"	36"	(10) #6 EA WAY	(10) #6 EA WAY	GRANDSTAND
F9.5-GS	9' - 6"	9' - 6"	48"	(10) #7 EA WAY	(10) #7 EA WAY	GRANDSTAND
F10.0	10' - 0"	10' - 0"	21"	(11) #6 EA WAY		
F13.0-GS	13' - 0"	13' - 0"	48"	(14) #7 EA WAY	(14) #7 EA WAY	GRANDSTAND



```

project_
WOODLAND HIGH SCHOOL

client_
WOODLAND SCHOOL DISTRICT

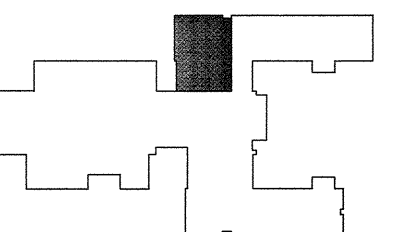
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WOODLAND, WA

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Project No. 1119.000

**PARTIAL FDN
PLAN -
MUSIC-DRAMA**

KEY PLAN



issued_	
ID	09 SEPT 13
CONFIRMED SET	15 NOV 13
revision_	
ADDENDUM NO.1	20 SEPT 13
ADDENDUM NO.2	30 SEPT 13
ADDENDUM NO.3	4 OCT 13

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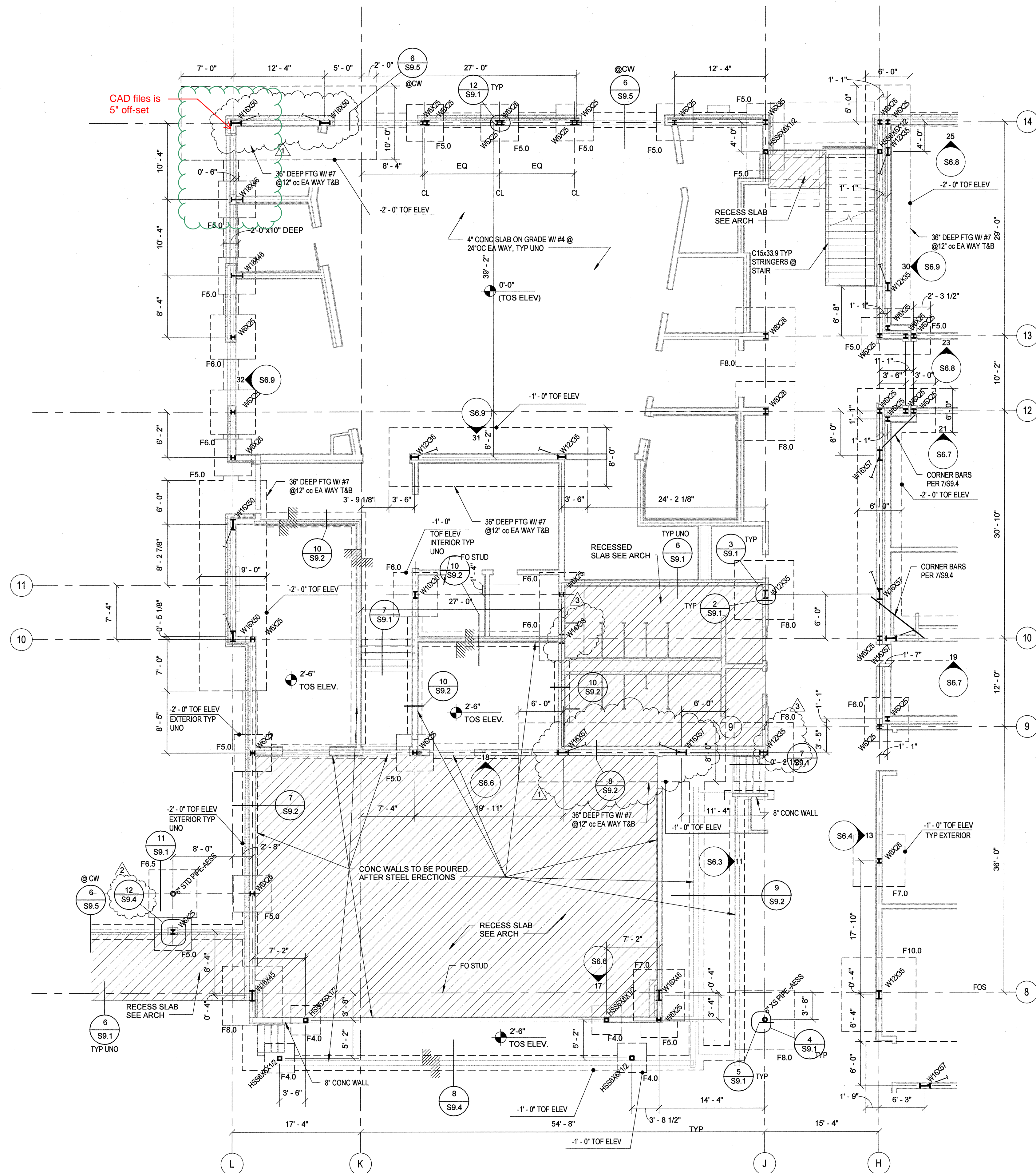
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author

checked_
checker

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sheet_

S2.14



PROJECT NORTH

1/8" = 1'-0"

PARTIAL FDN PLAN - MUSIC-DRAMA



YAKIMA STEEL
6 E. Washington Ave
Yakima, WA 98903
Phone: 509.575.1570
Fax: 509.453.3697

Change Order Authorization

Date: 1/23/2014

To: Skanska
Attn: David
Job Name: WHS

Job #: 34609
Change Order #: 3
Attachments: None

Description:

Revise dwgs per RFI 42
Effects 10 fabrication dwgs
Effects 3 plan dwgs

13 hours of detailing and checking at 85.00 per hour

Materials		
Drawings	\$ 850.00	10 hours @ 85.00
Shop Labor		
Field Labor		
Delivery		
Other		
Sub-Total	\$ 850.00	
Overhead (10%)	\$ 85.00	
Profit (5%)	\$ 43.00	
Total	\$ 978.00	

Written authorization is required prior to Yakima Steel's performance of the changes specified herein. The price for the changes specified is based on Yakima Steel's immediate receipt of a signed Change Order Authorization, so that the changes may be incorporated in the work currently in process. Delays in receiving such authorization may increase the price of the specified changes and/or delay deliveries at no cost or penalty to Yakima Steel. This authorization is not intended to replace your written Change Order. If, however, your Change Order has not been received by the periodic billing date subsequent to our performance of changes authorized, Yakima Steel is herewith authorized to invoice for amounts specified herein and such amounts shall be due and payable to Yakima Steel.

Accepted: The above prices and terms of this Changes Order Authorization are satisfactory and are hereby accepted.
All work specified herein to be performed under the same terms and conditions as specified in original contract unless otherwise specified.

Approval Signature: _____

Date of Acceptance: _____

Print Name & Title: _____



Change Order Request Form

Skanska With CE Breakdown

Change Order Request: 021

Date: 1/23/2014

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201

Description	Category	Status
RFI#049 - Electrical Service Questions	Owner	Submitted

Reference	Required By	Days Req	Amt Req
WHS RFI#049 - Electrical Service Questions	1/30/2014	0 \$	4,895

Notes

This Change Order Request is for the costs to provide a electrical service revisions and circuit breaker revisions in accordance with the response to RFI#049 dated 1/16/2014. Direction should be provided by 1/30/2014.

CE No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					

0036 1/23/2014 Request For Information: 0049 -
Electrical service questions

\$ 4,895 0

RFI#049 - Electrical service questions

Request For Information Question

[Refer to sheet E6.01 for 1HO1 & GP1, and sheet E6.04 for 2P03.

1. Panels GP1, 2P03, & 1HO1 do not have designated 30A 3P breakers to feed the SPD's for these panels. Are 30A 3P breaker added to these panels? If so, provide the circuit numbers?

Refer to sheet E6.01

2. The grandstands is a separate service, will Panel GHI need to have a SPD added? The TVSS spec section 264300.2.02.A says "TVSS shall be installed at all service entrances of each building..."

Refer to sheet E5.01

3. Cowitz County does not allow the Service to be Primary Metered. Can the meter be installed in the Main Switch Gear? And if so, is the customer remote meter still needed in the electrical room? Please advise.
]

Item No	Item Description	Amt Prop	Reference
0001	AET Electrical	\$ 4,527	
0002	Skanska P&P Bond	\$ 45	
0003	Subcontractor Subguard Bonds	\$ 45	
0004	Skanska Fee	\$ 277	

Approved By:

Signature

Name

Date

Detailed, RFIs Grouped by RFI Number

Woodland High School

Project # 4113074-000

Skanska USA Building Inc.

Tel: Fax:

RFI #: 0049

Date Created: 1/16/2014

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	David Franke

Co-Respondent	Author RFI Number
	AET #03

Subject	Discipline	Category
Electrical service questions	Electrical	

Cc: Company Name	Contact Name	Copies	Notes
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Question

Date Required: 1/23/2014

Refer to sheet E6.01 for 1HO1 & GP1, and sheet E6.04 for 2P03.

1. Panels GP1, 2P03, & 1HO1 do not have designated 30A 3P breakers to feed the SPD's for these panels. Are 30A 3P breaker added to these panels? If so, provide the circuit numbers?

Refer to sheet E6.01

2. The grandstands is a separate service, will Panel GHI need to have a SPD added? The TVSS spec section 264300.2.02.A says "TVSS shall be installed at all service entrances of each building..."

Refer to sheet E5.01

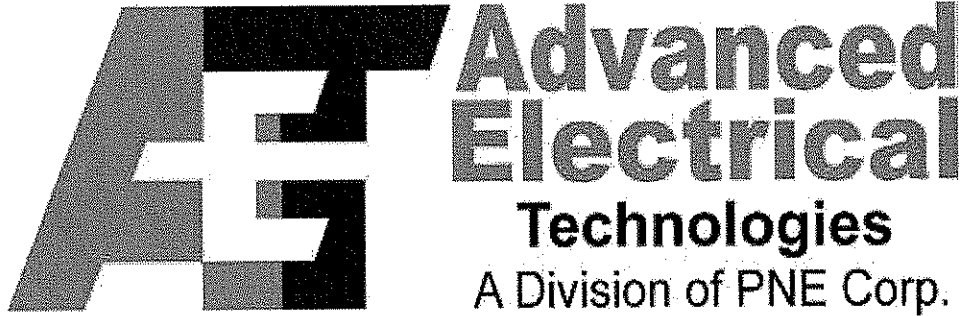
3. Cowlitz County does not allow the Service to be Primary Metered. Can the meter be installed in the Main Switch Gear? And if so, is the customer remote meter still needed in the electrical room? Please advise.

Suggestion

Answer

Date Answered:

1. 3P-30A circuit breakers should be provided at circuits GP1-38,40,42 and 1HO1-26,28,30. Please revise the 3P-40A circuit breaker shown in GP1-38,40,42 to be at circuit GH1-25,27,29 to coordinate with the sewage lift station pump to be supplied at 480V, 3-phase. Revise the 3P-20A circuit breaker in 2P03-80,82,84 to be 3P-30A that is intended to be used for the SPD.
2. No, an SPD is not required for the Service Entrance to the Grandstand at Panel GH1.
3. Yes, the PUD meter point for the main building can be at the Main Switchgear. Coordinate the exact location of the meter with the PUD and the Engineer through the Architect. Digital Customer metering is still required in order to be connected to the EMCS.



Request For Information

RFI # _____ 3

To: Skanska

From: Advanced Electrical Tech.

Fax:

Date: 1/15/14

Phone:

Re: Service Questions

Email-bobb@aet-pnecorp.com

Description:

1. Panels GP1, 2P03, & 1H01 do not have designated 30A 3P breakers to feed the SPD's for these panels. Are 30A 3P breaker added to these panels? If so, provide the circuit numbers?

(Refer to sheet E6.01 for 1H01 & GP1, and sheet E6.04 for 2P03)

2. The grandstands is a separate service, will Panel GHI need to have a SPD added? The TVSS spec section 264300.2.02.A says "TVSS shall be installed at all (Refer to sheet E6.01)

3. Cowlitz County does not allow the Service to be Primary Metered. Can the meter be installed in the Main Switch Gear? And if so, is the customer remote meter still needed in the electrical room? Please advise.

(Refer to sheet E5.01)

Response required by:

Originator:

Response:

Originator: Bob Breien Date: 1/15/14

This is not authorization to begin work involving changes in Project costs and /or Project schedule. Notification must be given in accordance with the contract documents if any response causes any changes to the Contract Documents.

CHANGE ORDER PROPOSAL REQUEST

TO: Skanska

DATE: 1.22.14

OWNER: Woodland School District

OWNER'S CONTRACT #: _____

AET JOB #: 1413352.5

ATTN: Trevor Wyckoff

COP REQUEST #: 1413352.5 COP2

SCOPE OF CHANGE

All Changes required from response to RFI 0049.

1. Have factory installed C.T. Section added to Gear.
2. Have (1) 3 pole 40A breaker added to panel GH1.
3. Have (1) 3 pole 30A breaker added to panel 1H01.

CHANGE IMPACTS:

☒ INCREASE ☐ DECREASE THE COST OF THE PROJECT BY: \$ 4,526.69 WITH DETAILED
ESTIMATE ☒ ATTACHED

☐ INCREASE ☐ DECREASE THE COMPLETION TIME OF THE PROJECT BY _____ WORKING
DAYS AFTER RECEIPT OF FINAL APPROVAL

WE RESERVE THE RIGHT TO CLAIM IMPACTS ON COST AND/OR SCHEDULE AT A LATER DATE.

APPROVAL:

PREPARED BY: Robert A. Breien
(AET PROJECT MANAGER)

DATE: 1.22.14

APPROVED BY: _____
(CLIENT REPRESENTATIVE)

DATE: _____

CHANGE ORDER PROPOSAL REQUEST

TO: Skanska

DATE: 1.22.14

OWNER: Woodland School District

OWNER'S CONTRACT #:

AET JOB #: 1413352.5

COP REQUEST #: 1413352.5 COP2

ATTN: Trevor Wyckoff

DETAILED ESTIMATE:

LABOR:

CRAFT	HOURS	RATE	TOTAL
journeyman	1.00	\$ 78.00	\$ 78.00
			\$ -
			\$ -
			\$ -
			\$ -

LABOR SUBTOTAL: \$ 78.00

MATERIAL

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
Add of CT and meter to MDB	1.00	\$ 3,450.00	\$ 3,450.00
40A 3 pole breaker in PNL GH1	1.00	\$ 184.00	\$ 184.00
30A 3 pole breaker in PNL 1H01	1.00	\$ 224.25	\$ 224.25
			\$ -
			\$ -

MATERIAL SUBTOTAL: \$ 3,858.25

EQUIPMENT:

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
			\$ -
			\$ -
			\$ -
			\$ -

EQUIPMENT SUBTOTAL: \$ -

SUBCONTRACTORS:

WORK DESCRIPTION	TOTAL

SUBCONTRACTOR SUBTOTAL: \$ -

OVERHEAD AND PROFIT 15% **OF TOTAL** \$ 590.44

TOTAL ESTIMATED ADJUSTMENT TO CONTRACT: \$ 4,526.69

APPROVAL:

PREPARED BY: Robert A. Breien
(AET PROJECT MANAGER)

DATE: 1.22.14

APPROVED BY: _____
(CLIENT REPRESENTATIVE)

DATE: _____



Change Order Request

Skanska USA Building Inc.
4113074-000 - Woodland High School

4113074-000	Woodland High School	Date: 1/31/2014
Authorization Request: 026		

To: Michael Green
Woodland School District No. 404
800 Third Street
Woodland, WA 98674

From: Trevor Wyckoff
Skanska USA Building Inc.
222 SW Columbia Street, Suite 300
Portland, OR 97201
Tel: Fax:

Description			Status
RFI#061 Geogrid Repair at Footings			Open
Reference	Required By	Amt Req	Days Req
	2/7/2014	\$ 1,219.36	0

Notes

This Change Order Request is for the costs to complete the lower level geogrid at two footings in accordance with RFI#061. Kelley Wilson directed Skanska to complete the work on Time and Materials to avoid schedule impacts associated with the repair.

CE No	Date	Description	CE Category	CE Reason	Days Req
0062	1/31/2014	RFI#061 Geogrid Repair at Footings	Owner	Architect/Consultant Directive	0
Item No	Company	Item Description	Amt Prop		
0001		Tapani Time and Materials costs to repair two footing lower geogrid mat in accordance with RFI#061.	\$1,127.78		
0002		GC/CM Bond	\$11.28		
0003		Subcontractor Subguard Bond	\$11.28		
0004		Skanska Fee	\$69.02		
Total:					\$1,219.36

Submitted By:

Architect/Design Approval By:

Owner Approval By:

Signature

Signature

Signature

Name

Trevor Wyckoff

Name

Name

Date

1/31/14

Date

Date



Request for Information 0061

Detailed, RFIs Grouped by RFI Number

Woodland High School

Project # 4113074-000

Skanska USA Building Inc.

Tel: Fax:

RFI #: 0061

Date Created: 1/21/2014

Answer Company	Answered By	Author Company	Authored By
McGranahan Architects 2111 Pacific Avenue, Suite 100 Tacoma, WA 98402	Steve Broback	Skanska USA Building Inc. 222 SW Columbia Street, Suite 300 Portland, OR 97201	Brandon Jensen
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Geogrid Repair at Footings	Civil	
Cc: Company Name	Contact Name	Copies Notes

Question

Date Required: 1/23/2014

As noted in RFI#046, Tapani excavated through both layers of the geogrid at (2) locations in the north wing prior to being directed to stop excavations. Please provide a fix for the bottom layer of geogrid that was cut at these locations.

Suggestion

Answer

Date Answered:

Per Jason Ordway at Columbia West:

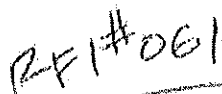
The repair for the two brace-frame footings should include the following:

- Place and compact structural fill to the approximate elevation of the lower layer of geogrid.
- Place new geogrid where the old was cut. There should be a 1-foot overlap on all sides.
- Place and compact structural fill to the specified bottom of footing elevation.

Steve Broback

1/31/14

DOCUMENT NUMBER 141209-0016



DAILY TIME SHEET

DATE 1/23/14

AUTHORIZATION

JOB / AREA

PHASE

WORK PERFORMED Excavate footings. Repair geo-grid. Bottom Layer.

EMP NUMBER	EMPLOYEE	CLASSIFICATION	RATE		HOURS		REG AMT	OT AMT	SUB	TOTAL
			REG	OT	REG	OT				
	John Hemola	Operator			3.5					
	Coner Otto	Labor			3.5					
	Matt Ahlgren	Operator			.5					
	Matt Ahlgren	Labor			3					
			TOTALS ..							

EQUIPMENT				
UNIT.#	DESCRIPTION	RATE	HRS.	AMOUNT
121505	316 EX.		3.5	
334012	haul truck		.5	
TOTAL				

MATERIAL (ATTACHED BACKUP)		
INVOICE#	VENDOR	AMOUNT
	Geo-grid	
	15' x 35'	
	525 sq Ft.	
	TOTAL	

COMMENTS: Expose 1' around
edge of lower geo-grid and
repair it. Add material + backfill
to depth.

LABOR _____

EQUIPMENT.

MATERIAL

TOTAL _____

Proof \Leftarrow Validation of time

AUTHORIZED BY:

Form No. JF-15
09/28/01

Directed by Kelley Wilson

TAPANI INC.