

CARSON CITY PURCHASING AND CONTRACTS
201 North Carson Street, Suite 3
Carson City, NV 89701
775-283-7137/FAX 887-2107
<http://www.carson.org/index.aspx?page=998>

NOTICE TO CONTRACTORS
BID #1112-154

"PWP # CC-2012-145

Feb. 10, 2012

Addendum No. 1

Please make the following additions/changes to the above referenced project.

1. On Tuesday February 14th from 9:00 a.m. to 11:00 a.m. contractors will be allowed access to building C to view the fire system.
2. See the attached memo and plan from PK electric in regards to the request for additional information on the fire alarm system asked at the pre-construction meeting.
3. Fire flow information for building C is provided in the attached fire flow report.

As of 2/8/2012, the following questions have been received. Answers are provided in italics

1. Can you please provide details about what kind of countertops that you are looking for on sheet A200?

The plans call to match existing counter already in use. Contractor can use attached drawing CA-1 as a guide.

2. Is the millwork/cabinetry subcontractor supposed to supply the brackets, and what kind of brackets? There are no details or cross sections.

Whoever supplies the material is up to the bidder whether it is the contractor or subcontractor. Use attached drawing CA-1 as a guide.

3. In the 'Bid Proposal Summary', pages BP-12 through BP-15, read as though these are items that will need to be submitted monthly to the contractor who is awarded the contract and his subsequent

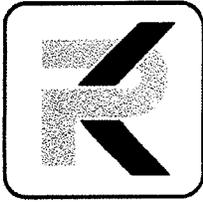
subcontractors. Do these documents need to be placed into the sealed bid package as the bidding contractors will not have this information?

Forms on BP 12-15 are for contractor who is awarded the contract for monthly submittals.

4. I would like to bid substitute items on the Carson City Public Works Building C project. I would like to offer a Day & Night rooftop unit instead of the Rheem unit that is specified. I would also like to offer a Carnes exhaust fan and other substitutes. Please let me know what I need to do in order to get my brands approved.

Substitutions are covered in GC 4.3.5.

End of Addendum 1



PK Electrical, Inc.

Memo

To

John Copoulos
J P Copoulos, Architect
PO Box 2517
Carson City, NV 89702
P: (775) 885-7907 F: (775) 885-6806

From

Dante Turiczek
Electrical Designer

Feb 9, 2012

Project

11023: Carson City Public Works Bldgs B & C
Remodel

Subject

FIRE ALARM RFI

Comments

The following narrative and sketch are clarifications to the existing Electrical Engineering drawing Sheet E2.1 The changes do not require a change order, nor do they affect the final bid cost. The clarifications are with respect to the Pre-Bid walkthrough questions provided on February 8th, 2012.

Issue #1:

(N) FACP located on Sheet E2.1 shown in the north closet space adjacent to the restrooms.

Clarification #1:

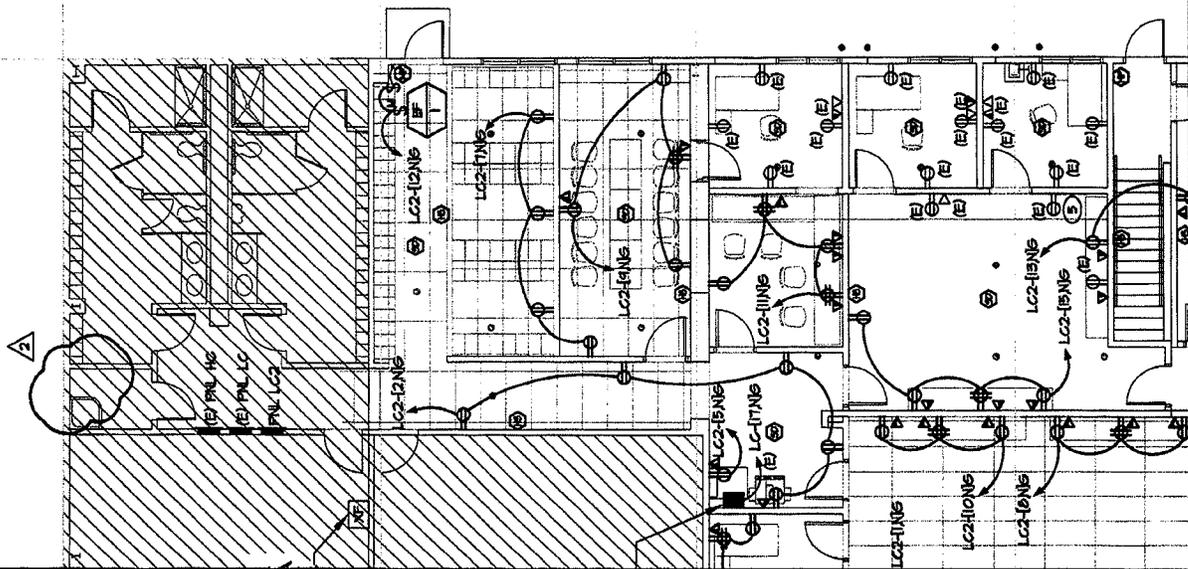
(N) FACP not required. Expansion of the existing Gamewell 7200 Fire Alarm system located in Building A (Administration) is the designed preference. Route all Fire Alarm notification signals back to the existing FACP. All final Fire Alarm designs shall be submitted by the Fire Alarm contractor and approved by the Fire Marshall prior to commencing work.

Issue #2:

General Note #3 previously indicates the Fire Alarm Block diagram was located on E0.4 Detail D.

Clarification #2:

The General note has been revised to correct the typo reference. The detail now reads E0.5 Detail D.



GENERAL NOTES

1. (E) AND DASHED LINES INDICATE EXISTING EQUIPMENT. (N) AND SOLID LINES INDICATE NEW EQUIPMENT UNLESS NOTED OTHERWISE.
2. INSTALL NEW DEVICES TO INTEGRATE ADDRESSABLE FIRE ALARM SYSTEM INCLUDING ALL CONDUIT, WIRING, REPAIRS, PROGRAMMING AND ETC.
3. SEE THE FIRE ALARM BLOCK DIAGRAM DETAIL D/EO5 FOR ALL INPUTS/OUTPUTS.
4. PROVIDE NEARLY ALL CONDUIT AND WIRE FOR A COMPLETE SYSTEM.
5. ALL FIRE ALARM CONDUITS SHALL BE 3/4" C.
6. ALL VISUAL ALARMS SHALL BE INSTALLED AN ABSOLUTE MINIMUM OF 60" AFT MEASURED TO THE EXTREME BOTTOM OF THE TRIM PLATE.
7. FIRE ALARM STROBE CANDELA VALUE SHALL MEET THE REQUIREMENTS OF NFPA 72 BASED ON ROOM SIZE. IT IS THE CONTRACTORS RESPONSIBILITY TO ADD ADDITIONAL STROBE LIGHTS IF REQUIRED TO MEET NFPA 72.
8. PROVIDE AND INSTALL FIRE ALARM REMOTE ANNUNCIATOR PANEL AT FIRE DEPARTMENT APPROVED LOCATION.
9. CONTRACTOR SHALL SHALL PROVIDE AND INSTALL NEW ZONE EXPANSION CARDS AND BATTERIES AS REQUIRED IN EXISTING FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUNCIATOR PANEL TO ACCOMMODATE NEW DEVICES. CONTRACTOR SHALL ALSO REPROGRAM AND CERTIFY SYSTEM AS TESTED AND FULLY OPERATIONAL.

SHEET NOTES

- ① OFF, LOW & HIGH LEVEL. (2) LAMP STEPPED DIMMING. SWITCH A DENOTES LOW, AND SWITCH B DENOTES HIGH LEVEL.
- ② CONNECT ALL EMERGENCY LIGHTS AND EXIT SIGNS TO NON-SWITCHED CONDUCTORS.
- ③ FIXTURE TO BE USED AS NIGHT LIGHT. CONNECT INBOARD LAMP(S) TO NON-SWITCH CONDUCTOR.
- ④ MOUNT EXIT SIGN ON WALL ABOVE DOORS WHERE POSSIBLE.
- ⑤ PROVIDE AND INSTALL MOTION SENSOR SWITCH EQUAL TO MATT STOPPER DT-100.
- ⑥ PROVIDE AND INSTALL MOTION SENSOR SWITCH EQUAL TO MATT STOPPER DT-385.
- ⑦ ELECTRICAL CONTRACTOR SHALL RELOCATE EXISTING SWITCHES TO NEW LOCATION SHOWN. EXTEND CONDUIT AND WIRE AS REQUIRED. PROVIDE BLANK COVER PLATE AT EXISTING SWITCH LOCATION.
- ⑧ PROVIDE NEW 4"x4" FIRE TREATED AND PAINTED PLYWOOD BACKBOARD FOR OWNER RELOCATED EQUIPMENT. RELOCATE RECEPTACLE AND CRT AS SHOWN.
- ⑨ PROVIDE 3/4" C. STUB WITH FILL STRING FROM WALL BOX TO 12" ABOVE ACCESSIBLE CEILING TO WITHIN 48" OF J - HOOK LINE. EACH DROP LOCATION SHALL CONSIST OF 4" SQUARE BOX WITH SINGLE GANG PLASTER RING.
- ⑩ PROVIDE 4" x 4" BACK BOX WITH SINGLE GANG PLASTER RING FOR EACH DATA/TELEPHONE DROP LOCATION. DROP LOCATIONS SHALL BE POSITIONED ADJACENT TO RECEPTACLES INDICATED ON POWER PLANS.
- ⑪ PROVIDE AND INSTALL REMOVABLE STEEL BOLLARD.
- ⑫ ELECTRICAL CONTRACTOR TO PROVIDE A 30AMP, NON-FUSED, 600V RATED, NEMA 3R CONSTRUCTION DISCONNECT.



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ISSUE:
FIRE ALARM RFI

PROJECT:
CARSON CITY PUBLIC WORKS

SHEET TITLE:
TOWER AND SIGNAL PLAN

REFERENCE: DATE:
E2.1 2-9-12

PROJECT No:
11023

DWG No.
SKETCH

DEVELOPMENT SERVICES DEPARTMENT

CARSON CITY NEVADA
Consolidated Municipality and State Capital



DEVELOPMENT SERVICES - PUBLIC WORKS OPERATIONS
FIRE FLOW DATA SHEET

ADMINISTRATION
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fcx: 775-887-2112

Testing Personnel: Bob Shine

BUILDING and SAFETY DIVISION PERMIT CENTER
2621 Northgate Lane, Suite 6
Carson City, NV 89706-1319
Ph: 775-887-2310
Fcx: 775-887-2202

Date of Test: 10/23/07 Time of Test: 1:06 PM

CAPITAL PROJECTS
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fcx: 775-887-2112

Requested By: CCPW (BLDD) Phone: _____

CONTRACTS
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fcx: 775-887-2112

Fax: _____

Test Locations: (Street and Cross Street)
BUTTI WAY & FAIRVIEW

ENGINEERING DIVISION
2621 Northgate Lane, Suite 54
Carson City, NV 89706-1319
Ph: 775-887-2300
Fcx: 775-887-2283

Pressure Zone: 4880

Comments: "Flow" hydrant is inside yard

Mainline Size: 6"

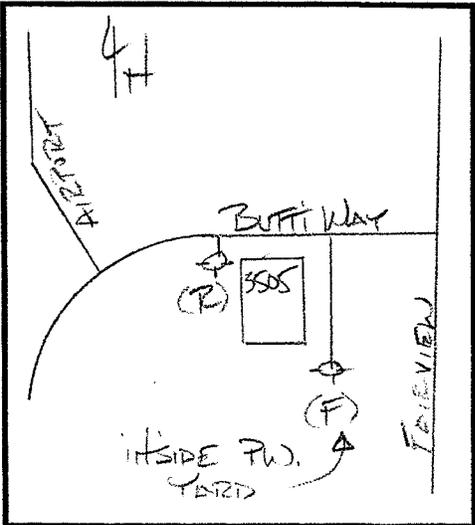
Pressure: Static (S) 110 PSI

Residual (R) 90 PSI

Pilot (P) 70 PSI

Pitot Flow Value 1320 GPM

Exit Coefficient (C) .845 Exit Diameter (inches) (D) 2.5



FLEET SERVICES
3303 Butti Way, Building 2
Carson City, NV 89701-3498
Ph: 775-887-2356
Fcx: 775-887-2258

Q = Flow Quantity From Hydrant

$Q = (29.83) \times (C) \times (D^2) \times (\sqrt{P})$

$Q = (29.83) \times (.845) \times (6.25) \times (8.366)$

$Q_1 = 1318$ Gallons Per Minute

PLANNING DIVISION
2621 Northgate Lane, Suite 62
Carson City, NV 89706-1319
Ph: 775-887-2180
Fcx: 775-887-2278

Available Water Calculation:

$D_1 = (S) - (R) \quad Q_A = Q_1 \times \sqrt{(D_2/D_1)}$

$D_1 = 110 - 90 = 20 \quad Q_A = 1318 \times \sqrt{(90/20)}$

$D_2 = (S) - 20 \text{ PSI} \quad Q_A = 2795.7$

$D_2 = 110 - 20 \text{ PSI} = 90$

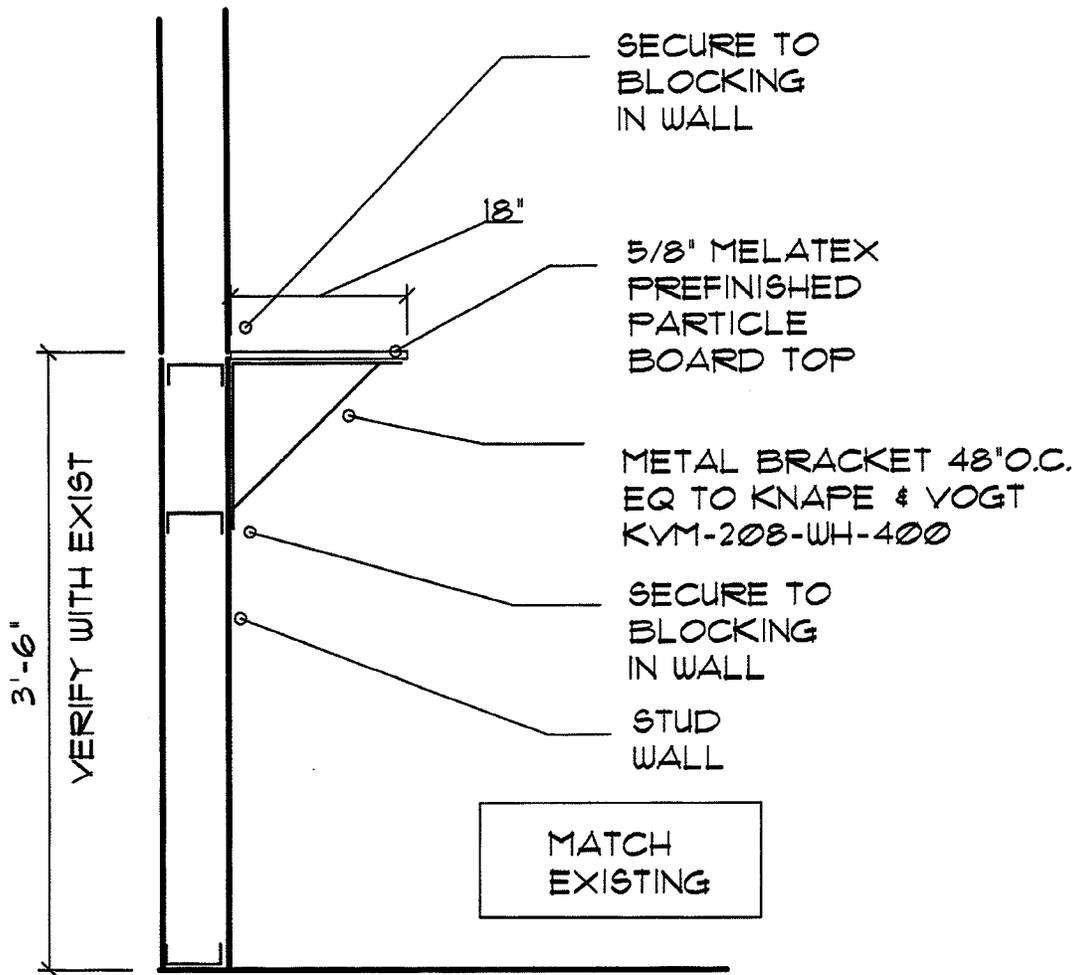
PUBLIC WORKS OPERATIONS
(Water, Sewer, Wastewater, Streets, Landfill, Environmental)
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fcx: 775-887-2112

If $Q_A \geq Q_1$, then; $Q_{AT} = [(Q_A - Q_1) \times .1] + Q_1$

$Q_{AT} = [(2796 - 1318) \times .1] + 1318 = 2794$

$Q_{AT} = 2794$ G.P.M. = Total Available Water at 20 PSI Residual.

TRANSPORTATION
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fcx: 775-887-2112



641020

COUNTER DETAIL 1"=1'-0"

COUNTER DETAIL	2-9-12	CA*1
PUBLIC WORKS T.I. BLDG "C"	AS NOTED	
J.P. COPOULOS, ARCHITECT		