

DOCUMENT 00911

ADDENDUM NUMBER 1

Issued: July 12, 2011

SERVICE CENTER RELOCATION
(2025 AVIATION BOULEVARD)

FROM: Sonoma County Water Agency
404 Aviation Blvd.
Santa Rosa, CA 95403-9019

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated June 2011. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Modified text is indicated as follows: Double-underline designates text to be inserted; ~~strikethrough~~ designates text to be deleted.

Addendum Number 1 consists of 6 pages (size 8 1/2" x 11") and 3 revised Drawings.

1.1 GENERAL CHANGES

A. No changes.

1.2 CHANGES TO PRIOR ADDENDA

A. N/A.

1.3 CHANGES TO INTRODUCTORY INFORMATION AND BIDDING REQUIREMENTS

A. Document 00010 (Table of Contents):

1. Insert the following after Section 02536 (Manholes, Cleanouts, and Covers):
02630 Storm Drainage

1.4 CHANGES TO CONTRACTING REQUIREMENTS

A. No changes.

1.5 CHANGES TO CONDITIONS OF THE CONTRACT

A. No changes.

1.6 CHANGES TO SPECIFICATIONS

A. Section 01100 (Summary):

1. Modify Paragraph 1.4D.9, as follows:

9. Sitework. The lump sum price paid under this item shall be full payment for miscellaneous sitework including site demolition and clearing, construction of covered wash pad and appurtenances up to existing cleanout, drain pipe and drainage structures, bollards, gates, fences, storm drainage pipe and structures, and appurtenances.
2. Modify Paragraph 1.4D.10, as follows:
 10. Grading and Paving. The lump sum price paid under this item shall be full payment for site grading, base rock, grinding, and AC paving, ~~and AC curbs~~.
- B. Section 02630 (Storm Drainage):
1. Insert the attached Section entitled "Section 02630, Storm Drainage" after Section 02536 (Manholes, Cleanouts, and Covers).
- C. Section 02745 (Asphalt Pavement):
1. Delete Paragraphs 3.2 C and 3.2 E in their entirety. Renumber remaining paragraphs accordingly.
~~C. Install a compacted layer of patch asphaltic concrete for overlay portion, as indicated.~~
~~E. ADA parking spaces: Install minimum 1" thick overlay or as needed to meet ADA and CCR Title 24 requirements.~~
- D. Section 13120 (Pre-Engineered Metal Building):
1. Modify Paragraph 2.1, as follows:
- 2.1 MANUFACTURERS**
- A. Pre-Engineered Metal Building:
1. Butler
 2. CBC
 3. American Steel Buildings
 4. Garco Buildings
 5. Wedgcor
 6. Nucor Building Systems
 7. Or Approved Equal
2. Delete Paragraph 2.2 B.1.g in its entirety:
~~g. Rigid insulation:~~
~~1) 2 inch thick rectangular sheets~~
~~2) Minimum R-value 14~~
~~3) Foil faced~~
3. Insert the following as Paragraph 3.2 E. Renumber remaining paragraphs accordingly.
E. Exterior walls may be framed with steel studs or standard horizontal girts with steel stud infill.
- E. Section 13125 (Pre-Engineered Mezzanine System):
1. Modify Section Number to read "13125" at all occurrences.

1.7 CHANGES TO DRAWINGS

- A. Add the following as Note 4 on Drawing Number C-2 as follows:
4. Provide 1 1/2" Schedule 40 PVC pipe chases under driveways and sidewalks for future irrigation.

- B. Delete Drawing Number C-3 and replace with attached Drawing Number C-3, marked "7/12/11 Addendum No. 1."
- C. Delete Drawing Number A-3 and replace with attached Drawing Number A-3, marked "7/12/11 Addendum No. 1."
- D. Modify label between reference lines 2 and 3 on Drawing Number A-4 as follows:
19'-6" x 15' x 8' H CLEAR MEZZANINE w/90° RETURN STAIRWAY (TYP)
- E. Delete Drawing Number A-13 and replace with attached Drawing Number A-13, marked "7/12/11 Addendum No. 1."
- F. Add the following as Note 3 on Drawing Number P-1 as follows:
3. Provide tee and ball valve in irrigation valve box for future irrigation. Exact location to be as directed by Owner.
- G. Modify label between reference lines 9 and 10 on Drawing Number M2.10 as follows:
REMOVE EXISTING HEAT PUMP AND REPLACE WITH HP4

1.8 QUESTION(S)/ANSWER(S)

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superseding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

A. McCumber's Glass:

1. Will there be any specifications for the windows, or are we to bid with the information on the plans only? In the specifications contents it list specification section Division 08 as Doors and Windows, however there is no window specifications in that section.

Owner's response: Bid per Bid Documents.

B. Quality Erectors & Construction Co., Inc.:

1. In the pre-engineered specifications it calls for a mezzanine and stairs. The drawings however do not show stairs or a mezzanine. Is there a mezzanine and stairs on this project?

If so what are the dimensions of the mezzanine? Where are the stairs to be located?

Owner's response: Bid per Bid Documents.

C. B. D. Compton Construction:

1. Roof insulation at the new metal building structure. Section 07210 calls for the use of a R30 Simple Saver system where Section 13120 calls for the use of 2" rigid board insulation. Which is correct?

Owner's response: Answered in this Addendum above.

2. Type of wall framing required at the exterior walls of the new metal building. Section 13120 calls for the use of standard PEMB framing such as horizontal girts. But after

review of the project drawings it appears that the use of metal studs at the exterior walls may be the intent.

Owner's response: Answered in this Addendum above.

3. From the project drawings it appears that there are to be eave and rake overhangs around the buildings perimeter. What is the required projection from the building line for these overhangs? And are these overhangs to have a soffit?

Owner's response: Answered in this Addendum above.

D. S W ALLEN CONSTRUCTION INC:

1. Section 00450 of the bid documents is a Statement of Qualifications (SOQ). The SOQ (00450-3) calls for the submission of "Human & Physical Resources" and resumes from our subcontractors. In addition, 00450 Part E calls for experience forms to be submitted for the Electrical, Instrumentation and Mechanical subcontracts and 00450 Part F calls for evidence of accreditation for the pre-engineered metal building manufacturer. These documents are required to be submitted with our bid. However, in order to provide a competitive bid we need to accept subcontract bids until just before the bid is turned in. Requiring the subcontractor documentation at bid time will hinder our bid. We ask that the subcontractor and manufacturer information be allowed to be turned in within 48 hours after the bid.

Owner's response: Bid per Bid Documents.

E. R E Corporation:

1. Sheet 57 (M2.10) - Existing service center mech. plan.. Between grid lines 9 to 12, it is unclear of what is happening... Existing HP unit indoor and outdoor is being removed, but no mention of another unit replacing it.. Note 2 states the new plenums be installed to reconnect to existing ductwork..????? Please clarify the scope of work required in this area..

Owner's response: Answered in this Addendum above.

END OF DOCUMENT

SECTION 02630

STORM DRAINAGE

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Storm drain system, including 24 inch pipe and catch basins
- B. Related Sections:
 - 1. Section 02315 (Excavation, Bedding, and Backfill)

1.2 REFERENCES

- A. ASTM D1056 Flexible Cellular Materials – Sponge or Expanded Rubber
- B. Caltrans Standard Plastic Pipe Specification 64
- C. Caltrans Standard Plan Drainage Inlets D73

1.3 SUBMITTALS

- A. Product Data:
 - 1. Materials list
 - 2. Pipe fittings and joints
- B. Quality Assurance/Control Submittals:
 - 1. Design Data:
 - a. Pipe culvert and pipe joint design drawings
 - 2. Manufacturer's Instructions:
 - a. Pipe culvert and pipe joint installation

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Protection:
 - 1. Do not store plastic structures, pipe, and fittings in direct sunlight
 - 2. Protect pipe, pipe fittings, and seals from dirt and damage

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Pipe:
 - 1. ADS
 - 2. Hancor
 - 3. Or Approved Equal

2.2 MATERIALS

- A. Storm Drain Pipe and Fittings:
 - 1. Corrugated polyethylene (PE) Pipe and Fittings: Caltrans Caltrans Standard Specification 64, Type S, with smooth waterway for coupling joints
 - a. Silt-tight Couplings: PE sleeve with ASTM D1056, Type 2, Class A, Grade 2 gasket material that mates with pipe and fittings to form silt-tight joints
 - 2. Flared end pipe section: Caltrans Standard Plan D94A

- B. Catch Basins:
 - 1. Caltrans Standard Plan D73, Type G-1 Drainage Inlet, precast or cast-in-place base acceptable

PART 3 EXECUTION

3.1 INSTALLATION, GENERAL

- A. General: Install piping as indicated, unless otherwise approved by Owner.
- B. Install piping beginning at low point, true to grades and alignment indicated with unbroken continuity of invert. Place bell ends of piping facing upstream. Install gaskets, seals, sleeves, and couplings according to manufacturer's written instructions for use of lubricants and other installation requirements. Maintain swab or drag in line, and pull past each joint as it is completed.
- C. Install piping pitched down in direction of flow, at minimum slope of 1 percent, unless otherwise indicated.
- D. Backfill in accordance with Section 02315 (Excavation, Bedding, and Backfill).

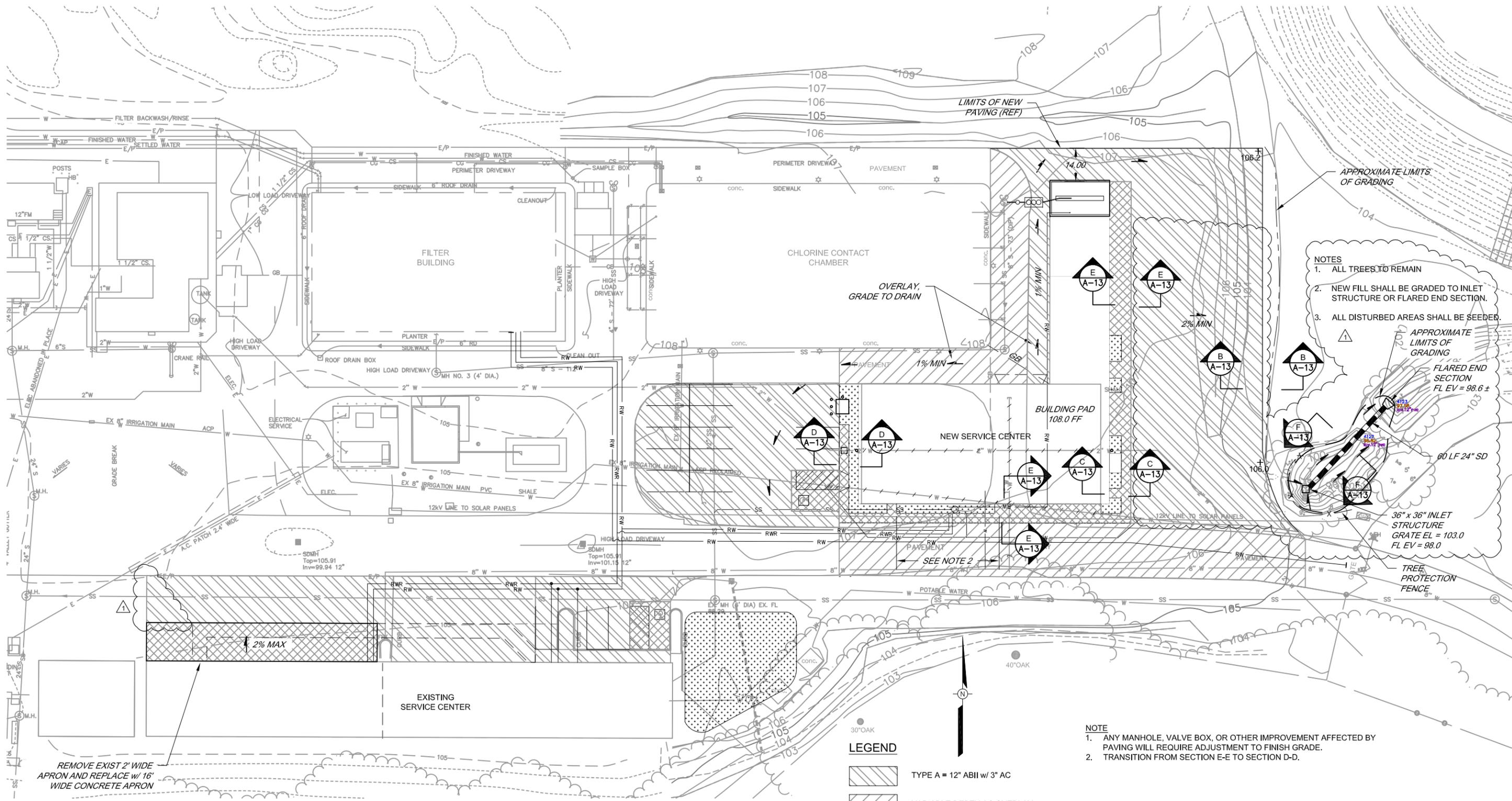
3.2 PIPE JOINT CONSTRUCTION AND INSTALLATION

- A. PE Pipe and Fittings:
 - 1. Join pipe, and fittings with couplings for silt tight joints according to manufacturer's written instructions.
- B. System Piping Joints: Make joints using system manufacturer's couplings, unless otherwise indicated.

3.3 FIELD QUALITY CONTROL

- A. Clear interior of piping and structures of dirt and superfluous material as Work progresses. Maintain swab or drag in piping, and pull past each joint as it is completed.

END OF SECTION



- NOTES**
1. ALL TREES TO REMAIN
 2. NEW FILL SHALL BE GRADED TO INLET STRUCTURE OR FLARED END SECTION.
 3. ALL DISTURBED AREAS SHALL BE SEEDER.

APPROXIMATE LIMITS OF GRADING

FLARED END SECTION
FL ELEV = 98.6 ±

60 LF 24" SD

36" x 36" INLET STRUCTURE
GRATE EL = 103.0
FL ELEV = 98.0

TREE PROTECTION FENCE

- NOTE**
1. ANY MANHOLE, VALVE BOX, OR OTHER IMPROVEMENT AFFECTED BY PAVING WILL REQUIRE ADJUSTMENT TO FINISH GRADE.
 2. TRANSITION FROM SECTION E-E TO SECTION D-D.

- LEGEND**
- TYPE A = 12" ABIL w/ 3" AC
 - VARIABLE DEPTH AC OVERLAY
 - CONCRETE APRON
 - PLANTER STRIP

PLAN
SCALE: 1" = 20'-0"

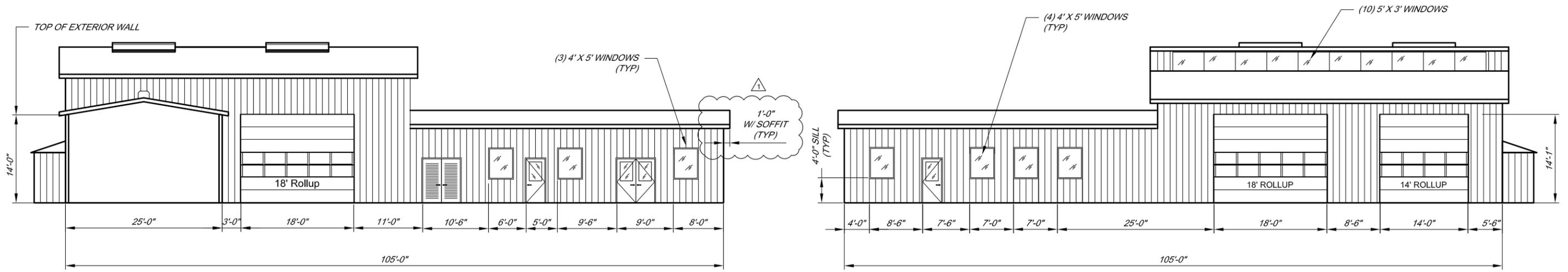
REMOVE EXIST 2' WIDE APRON AND REPLACE W/ 16' WIDE CONCRETE APRON



		SCALE: AS SHOWN DATE: 06-06-11	SERVICE CENTER RELOCATION (2025 AVIATION BOULEVARD) GRADING PLAN	
DRAWN: SMP REVIEWED:		FILE NAME: 7449_Site_Addendum1.dwg CONTRACT NUMBER: 0-706-7 #01		DRAWING NUMBER: C-3 SHEET 5 OF 64
NO. 1 DATE: 07-12-11 ADDENDUM No.1	REVISION	BY		

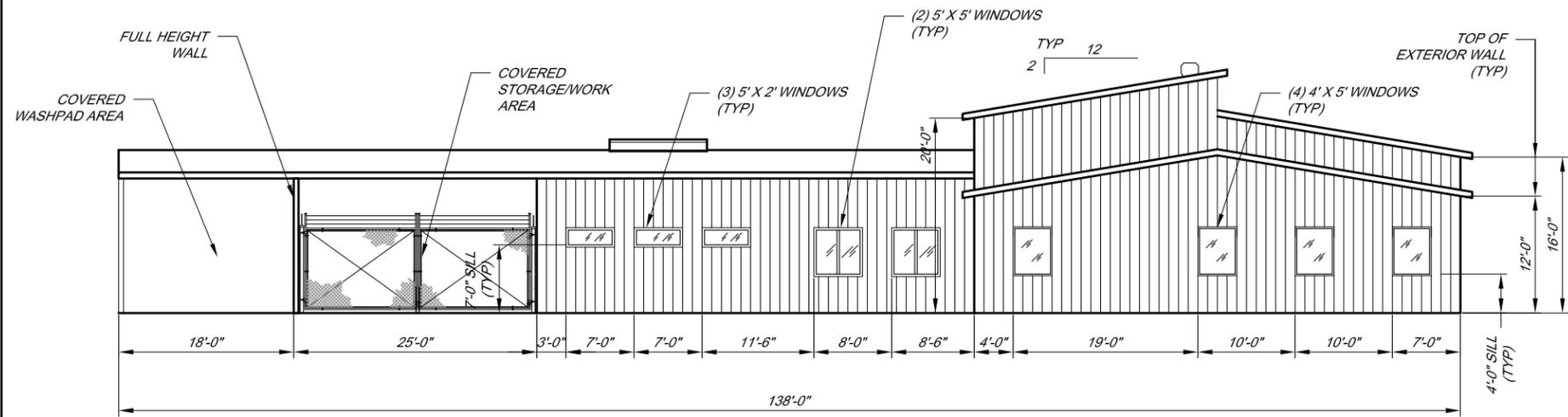
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BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY

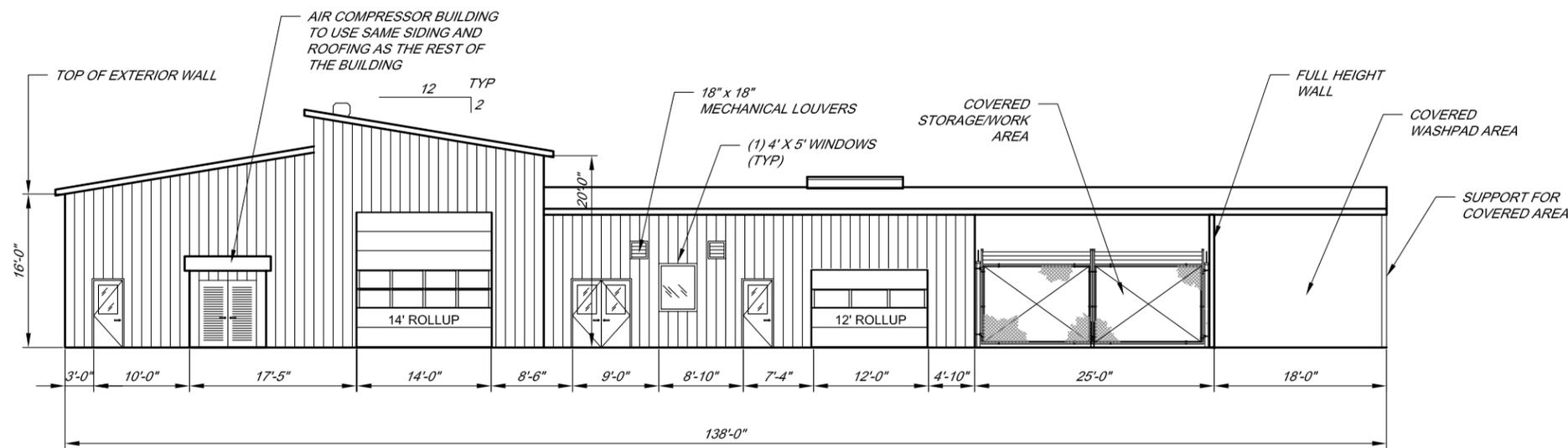


NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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



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



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

NOTE

- FOR DOOR AND WINDOW SCHEDULE SEE SHEET A-7
- CLOSED WALL AT BUILDING LINE "E".



BAR LENGTH ON ORIGINAL
DRAWING EQUALS ONE INCH.
ADJUST SCALE ACCORDINGLY

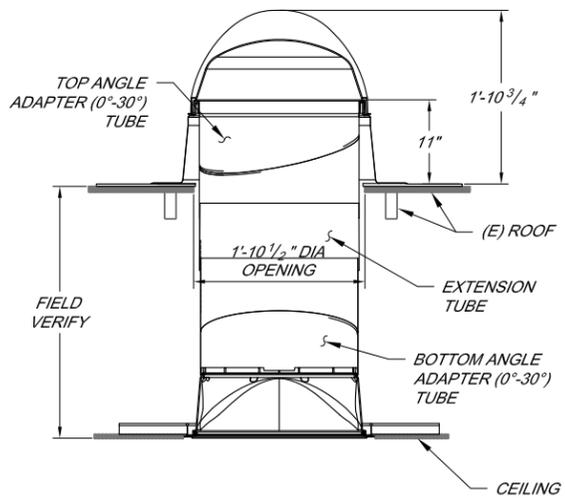
NO.	DATE	REVISION
1	07-12-11	ADDENDUM No. 1



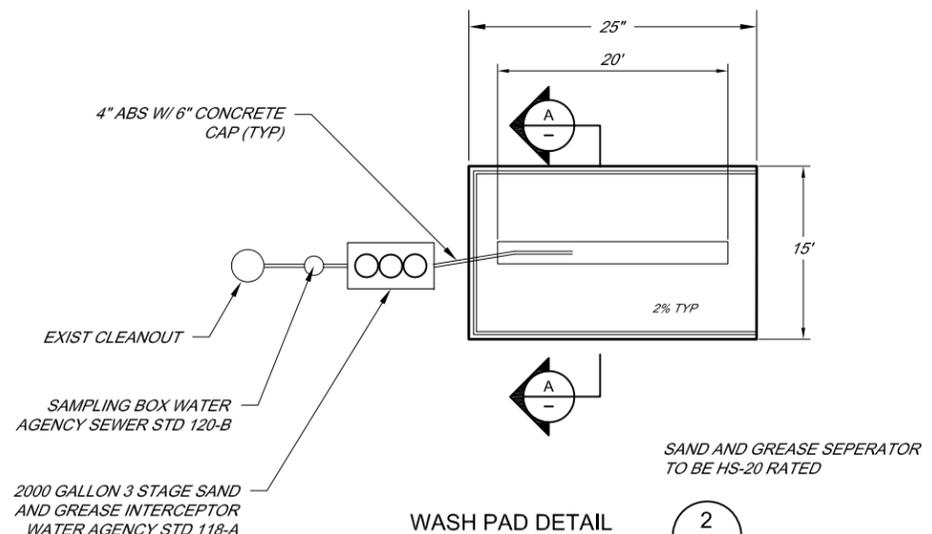
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DRAWN: SMP	
REVIEWED: [Signature]	

SERVICE CENTER RELOCATION (2025 AVIATION BOULEVARD)
NEW SERVICE CENTER ELEVATIONS

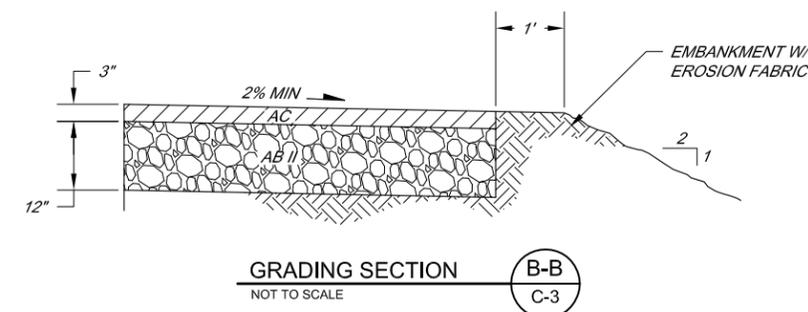
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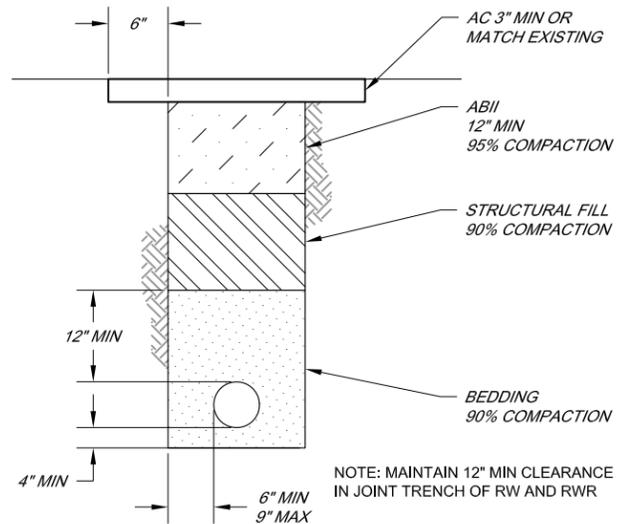
LIGHT TUBE DETAIL
NOT TO SCALE
1
A-9



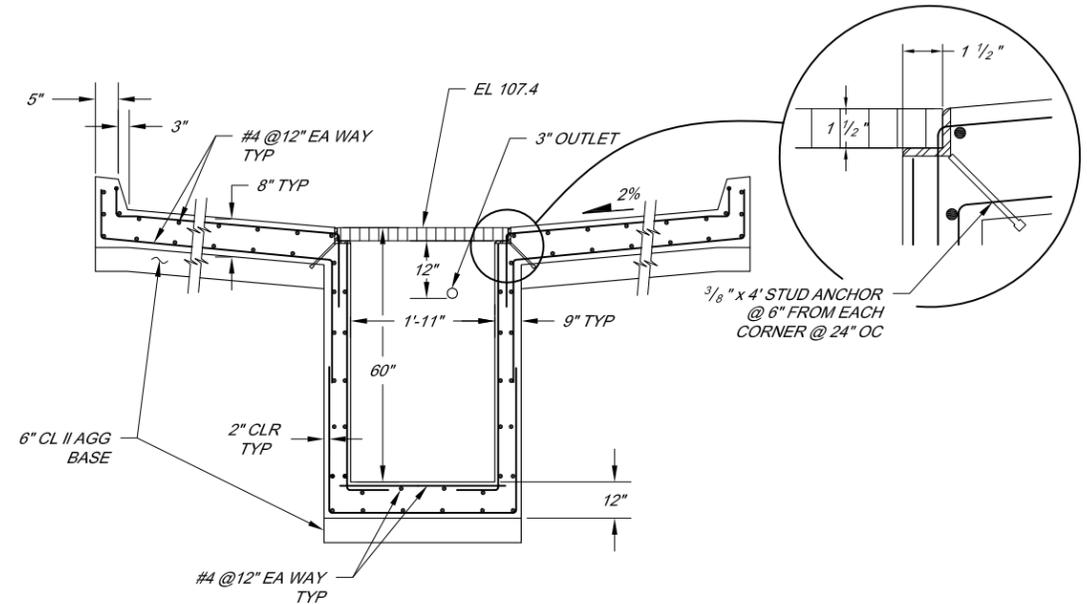
WASH PAD DETAIL
NOT TO SCALE
2
C-1



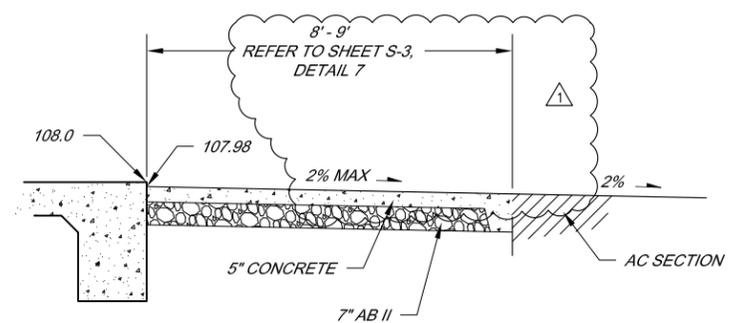
GRADING SECTION
NOT TO SCALE
B-B
C-3



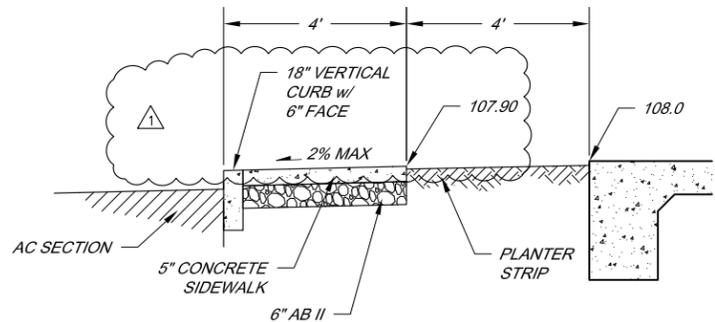
STD TRENCH DETAIL
NOT TO SCALE
4
-



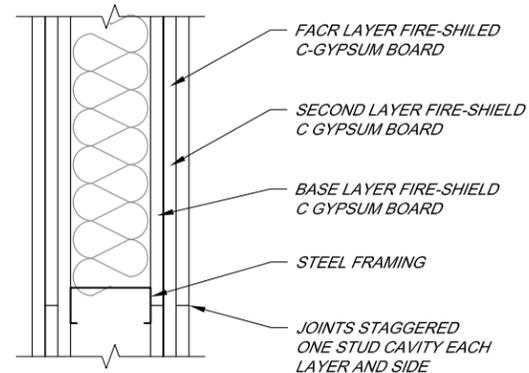
WASH PAD SECTION
NOT TO SCALE
A-A
-



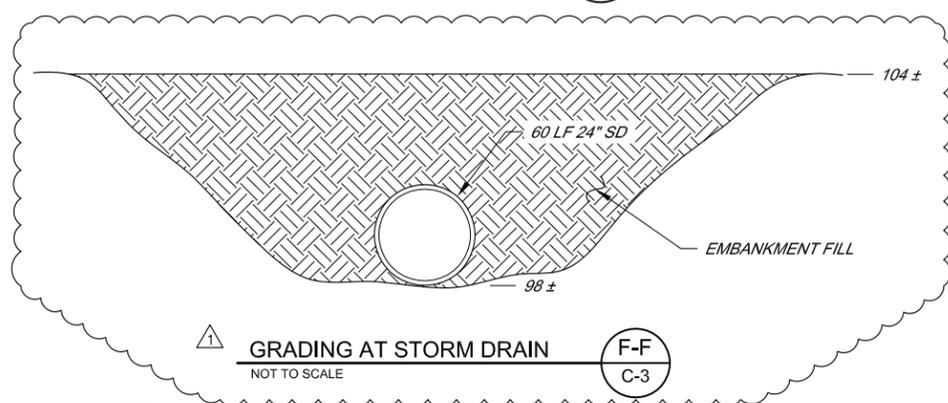
GRADING THRU WALKWAY AND SIDEWALK
NOT TO SCALE
C-C
C-3



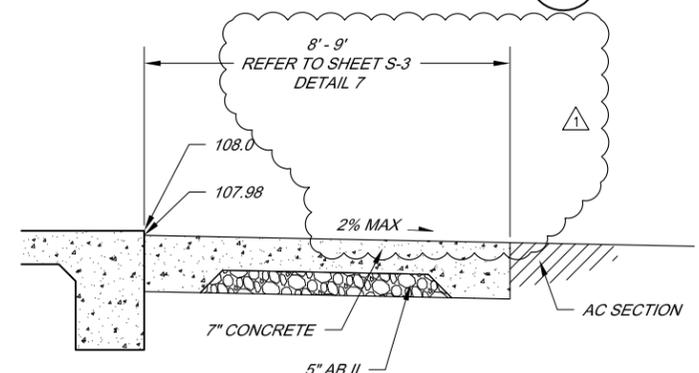
GRADING AT PLANTER AND SIDEWALK
NOT TO SCALE
D-D
C-3



FIRE WALL DETAIL
NOT TO SCALE
3
A-1



GRADING AT STORM DRAIN
NOT TO SCALE
F-F
C-3



GRADING AT DRIVEWAY APRON
NOT TO SCALE
E-E
C-3



NO.	DATE	REVISION	BY
1	07-12-11	ADDENDUM No. 1	

SCALE: NONE
 DATE: 06-06-11
 DRAWN: SMP
 REVIEWED: *[Signature]*
 SONOMA COUNTY WATER AGENCY

SERVICE CENTER RELOCATION (2025 AVIATION BOULEVARD)
 CONSTRUCTION DETAILS - MISC
 FILE NAME: 7449_Details_Addendum-1.dwg
 CONTRACT NUMBER: 0-706-7 #01
 DRAWING NUMBER: A-13
 SHEET 22 OF 64

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BAR LENGTH ON ORIGINAL
 DRAWING EQUALS ONE INCH.
 ADJUST SCALE ACCORDINGLY