FRESNO COUNTY FIRE

PROTECTION DISTRICT

210 South Academy Ave

Sanger, California 93657
Telephone: (559) 493-4300
Fax: (559) 875-8473

April 8, 2026

ADDENDUM NO.1

This addendum summarizes questions raised regarding the RFP Station 95 Project and provides corresponding answers for clarification and record-keeping. This addendum consist of 3 pages.

The intent of this Design-Build Procurement is to allow flexibility and innovation from the Contractor/ Design Teams in developing the most effective solutions based on their evaluation of existing conditions.

Q1: Which specific portions of the existing structure are considered "viable" for retention (e.g., foundations, structural framing, exterior walls, roofing systems, etc.)?
A1: A specific portion considered "viable" for retention have not been predefined. The Contractor/Design Teams shall evaluate the existing structure and propose viable elements for retention.

Q2: Has a structural or building condition assessment been completed to define these viable elements? If so, please provide
A2: A structural or building condition assessment has not been completed.

Q3: **Which walls are to be prioritized for retention to meet the referenced 50% requirement? Please identify by location, orientation, or plan reference.**
A3: No specific walls or areas have been prioritized for retention.

Q4: Are there any limitations on demolition of non-structural components (interior partitions, finishes, MEP systems) within retained wall areas?
A4: There is no predefined limitation on demolition of non-structural components.

Q5: Can the retained walls be modified (e.g., openings for apparatus bays, structural reinforcement), or are they to remain largely intact?
A5: Retained walls and elements may be modified as required to accommodate the proposed design.

Q6: Can the District provide any available record (as-built) drawings for the existing building? These documents are needed to verify existing conditions and support accurate design and pricing for Alternative A.
A6: The District does not have documents for (as-built) or records drawings currently on file

Q7: **The RFP includes a template for a ladder truck, but the RFP does not specifically state that the facility needs to accommodate one. Does the facility need to be able to accommodate a ladder truck? If not, what is the largest apparatus that needs to be housed.**
A7: EXIHBIT B

Q8: Can the County provide and as-builts for the existing station?
A8: The district does not have any documents for (as built) or records drawings currently on file

Q9: **Can the County provide any information about the existing septic system capacity?**
A9: The district does not have any information available for the existing septic systems

Q10: Can the County provide a title report to verify any encumbrances on the site?
A10: Not available

Q11: Has the County performed a hazardous materials survey for the facility. If not, are we to include it within our proposal?
A11: A hazardous materials survey is not available

Q12: Do we have a site plan or deed depicting the property line?
A12: EXIHBIT A

Q13: Are there any as-builts that will be available to the team either at this point or during design?
A13: The District does not have documents for (as-built) or records drawings currently on file

Q14: **Do we need to design around a ladder truck?**
A14: EXIHBIT B

Q15: Is there a preliminary budget available?
A:15 The preliminary estimate for the project is $4 million (see Section II: Scope of Work 2.2.2 Preliminary Estimate)

Q16: **If a temporary facility is installed during construction, what is the minimum facility size needed? How many people would it need to accommodate at once?**
A16: *Temporary living quarters shall be provided to accommodate two (2) personnel for 24-hour occupancy during construction.*

Q17: **Has any abatement testing been performed? If so, will this be available?**
A17: There has been no abatement testing at this time.

Q18: **Will air conditioning be required in the apparatus bay?**
A18: Air conditioning is not required, however large diameter fan or high volume low speed (HVLS) fans will be required to provide adequate air movement to support crews and operational efficiency during hot weather.

Q19: Are there any drawings or documentation available for the existing septic system on site?
A19: The district will provide any available documents for the existing septic system if available.

Q20: **For the sand-oil separator, can the county confirm whether the separator outflow bypasses the septic system, and where the discharge from apparatus bay floor drains should be routed (sanitary sewer or storm system?**
Q20: The district does not have confirmed routing information for the existing sand-oil separator. Contractor/design team shall evaluate the conditions and propose an appropriate routing for apparatus bay floor drains in accordance with agency requirements and codes.

Q21: **Is there any geotechnical information or a geotechnical report available for the project site?**
Q21: No geotechnical report is available. Contractor/design team shall perform any necessary investigation required to support their proposed design.

Q22: **The RFP states a 365 day project completion. Taking into account design, permitting, and realistic construction lead times, our experience suggests this is not feasible. Are we allowed to propose an alternative schedule?**
A22: the 365 day project completion is a target duration. Contractor/design team may submit an alternative schedule with justification, based on their proposed design.

Q23: **Are there any minimum setback requirements between the building and the electrical power source that should be considered to avoid additional poles or utility constraints?**
A23: No specific minimum set back requirements have been identified

Q24: If a ladder truck is required, are there specific apparatus bay size or clearance requirements the design should accommodate?
A24: EXHIBIT B

Q25: Is a direct exhaust capture system required within the apparatus bays, or would a general exhaust system be acceptable?
A25: No direct exhaust system, preference for exhaust is filtration, or negative exhaust fans.

Q26: **Is the new facility expected to include battery energy storage or solar systems that would trigger CalGreen solar requirements?**
A26: The district has no specific battery storage or solar system requirements at this time. contractor/design teams shall consider Calgreen requirements and incorporate in their proposed design.

Q27: Can the county confirm whether the existing septic system and sand-oil separator routing will adequately support the needs of the new facility
A27: The district cannot confirm whether the existing system will support the new facility. Contractor/design team shall evaluate system capacity and propose upgrades or modification necessary to support their design.

114340 DS (5)

RECORDING REQUESTED BY

52118

AND WHEN RECORDED MAIL TO

Name: Mid-Valley County Fire Distr.
Street Address: 210 So. Academy Ave
City & State: Sanger, Calif.

RECORDED AT REQUEST OF
Title Insurance & Trust Co.
AT 20 MIN. PAST 3 P M

JUN 25 1965
BOOK 5186 PAGE 126
FRESNO COUNTY, CALIFORNIA
J. L. BROWN, COUNTY RECORDER
Helena Hoot BY DEPUTY RECORDER
FEE $2

BOOK 5186 PAGE 126

SPACE ABOVE THIS LINE FOR RECORDER'S USE

EXIHBIT A

AFFIX I.R.S. $.....IN THIS SPACE

Grant Deed

TO 405 C

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

WILLIAM E. GLOTZ and HARRIET GLOTZ, Husband and Wife

hereby GRANT(S) to

MID VALLEY COUNTY FIRE PROTECTION DISTRICT

the following described real property in the County of Fresno, State of California:

That portion of Lot 10 of Tranquillity Colony Subdivision #5 in Section 8 Township 15 South Range 16 East Mount Diablo Base and Meridian in the County of Fresno, State of California as per map recorded August 4,1908 in Book 4 page 35 of Records of Surveys, Fresno County Records lying within the following description:

Commencing at the East ¼ corner of said Section 8, thence due North along the East line of said Section,1330.25 feet, thence due West 464.53 feet to the true point of beginning of the land to be described herein, thence due South parallel with the East line of said Section 256.24 feet, thence due West parallel with the North line of the South East ¼ of the North East ¼ of said Section 170.00 feet, thence due North parallel with the East line of said Section 256.24 feet, thence due East 170 feet to the true point of beginning.

Dated March 5, 1965

William E. Glotz
William E. Glotz

Harriet Glotz
Harriet Glotz

STATE OF CALIFORNIA
COUNTY OF Fresno } SS.

On April 30,1965 before me, the undersigned, a Notary Public in and for said State, personally appeared

William E. Glotz and
Harriet Glotz

, known to me to be the person s whose name s subscribed to the within instrument and acknowledged that they executed the same.

WITNESS my hand and official seal.

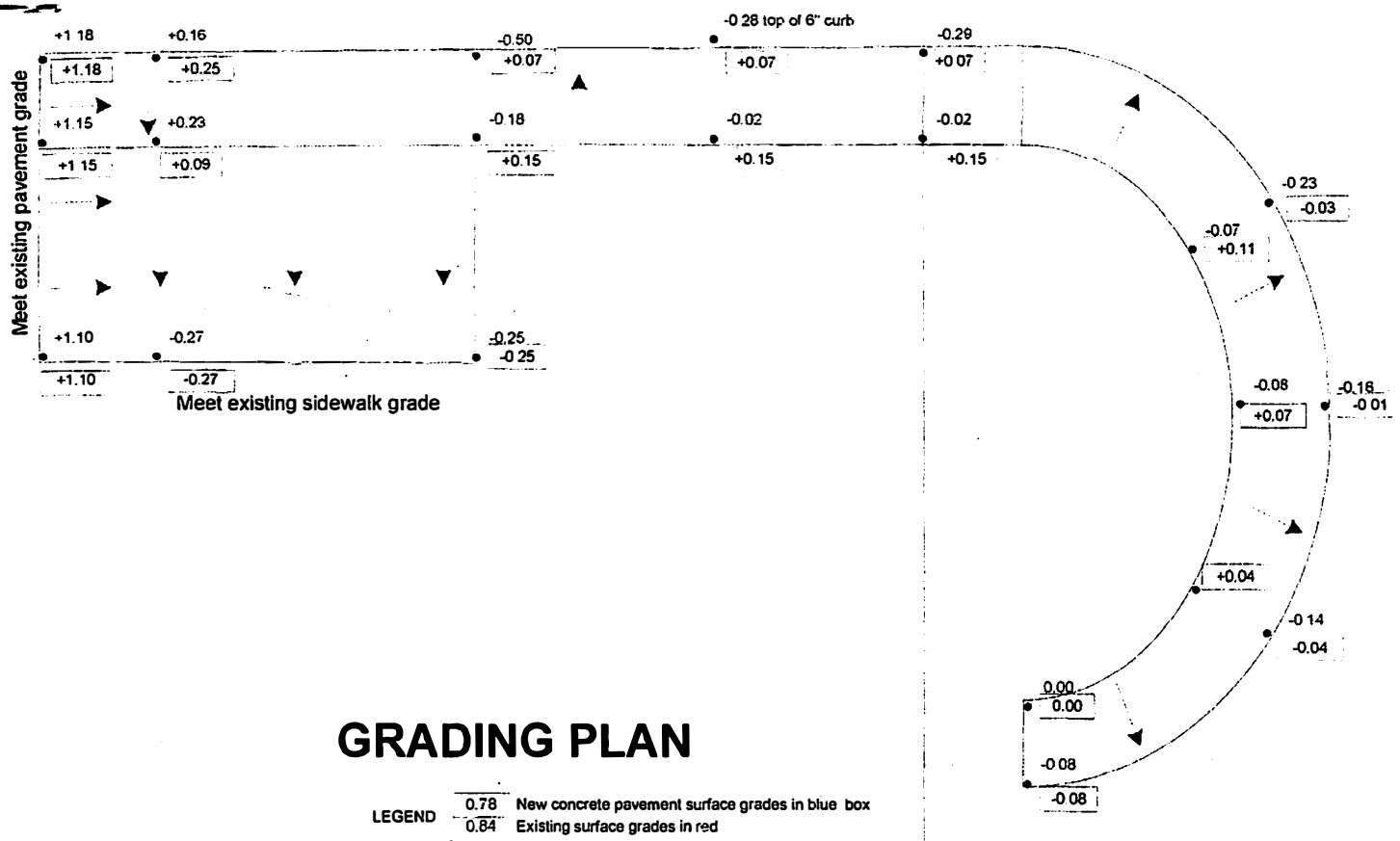
Signature

ALFRED E STRICKLIN
Name (Typed or Printed)

My Commission Expires 11-16-67

(This area for official notarial seal)

Title Order No. Escrow or Loan No.



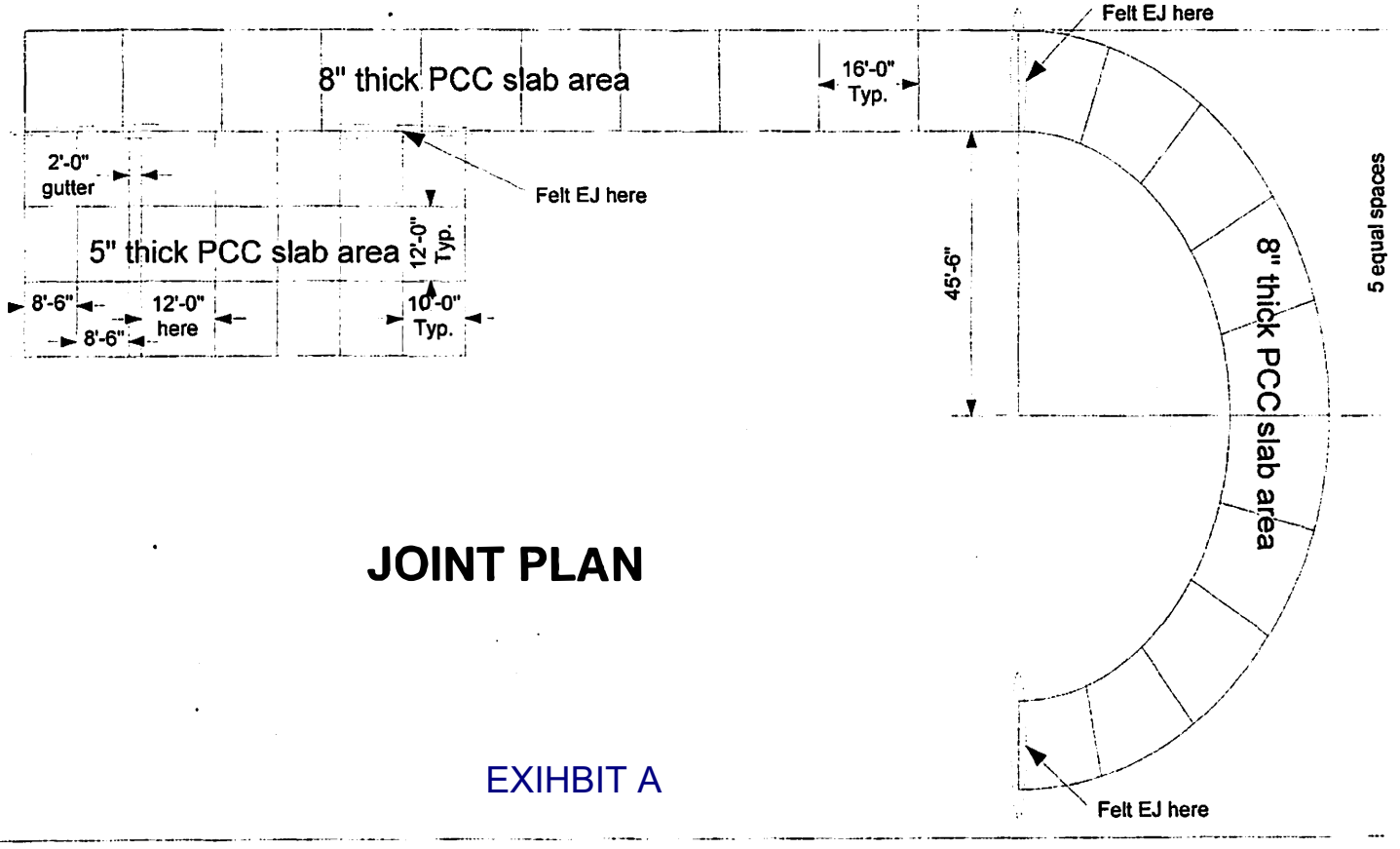
GRADING PLAN

LEGEND

0.78 New concrete pavement surface grades in blue box

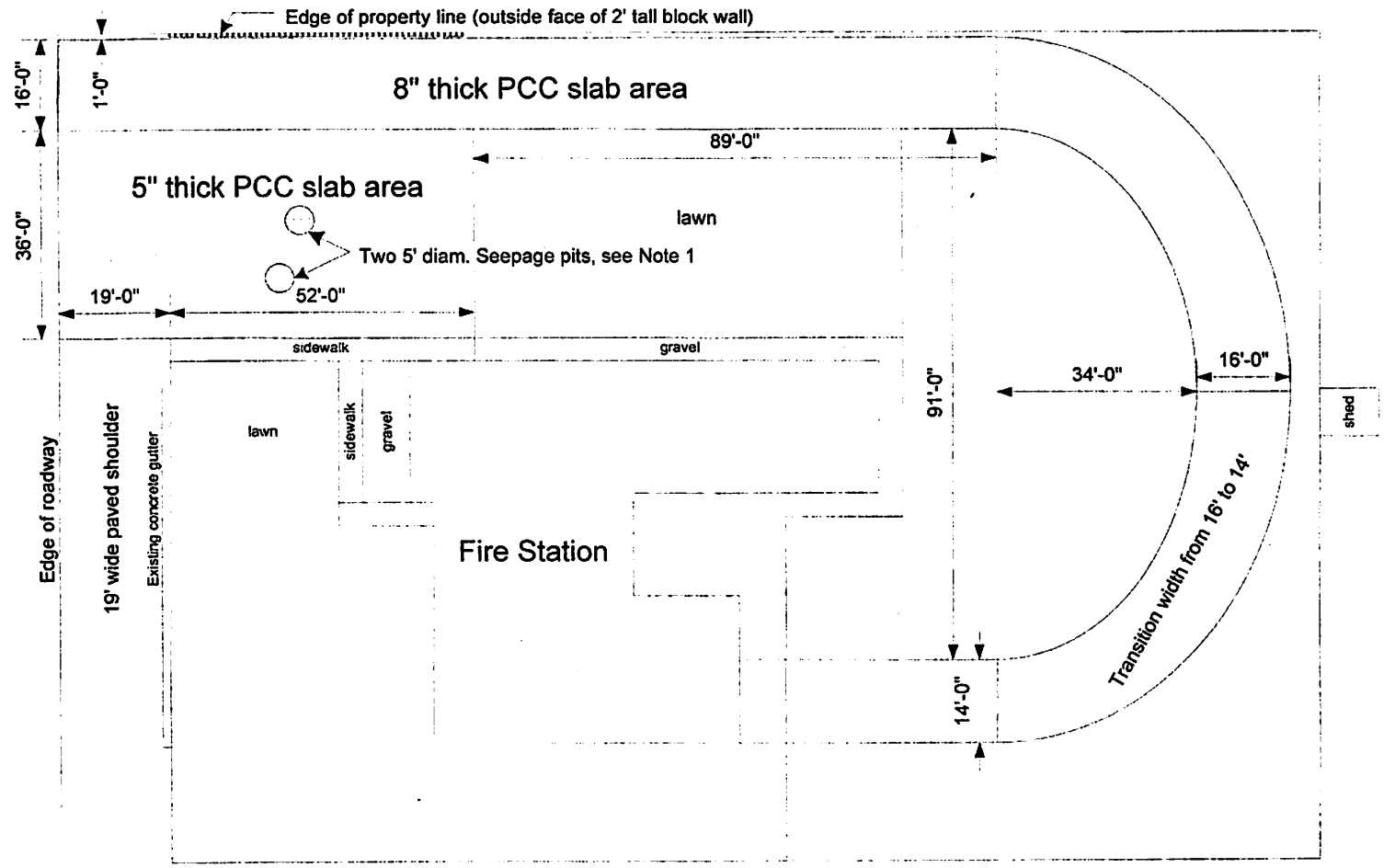
0.84 Existing surface grades in red

Indicates flow direction



JOINT PLAN

EXIHBIT A



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SITE PLAN

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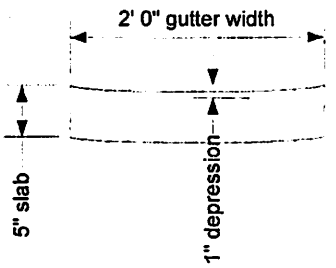


GUTTER DETAIL
(NOT TO SCALE)

NOTES

1. A temporary grade ring, 5' diameter, shall be place over the two existing seepage pits and the concrete pavement placed around these grade rings.

REGISTERED PROFESSIONAL ENGINEER
DOUGLAS S. TAYLOR
046870
Expires 06/30/09
CIVIL
STATE OF CALIFORNIA

EXIHBIT A

DATE	DRAWN BY	SCALE	TITLE
3/16/08	Doug Taylor, PE	1" = 30'	Huron Fire Station Concrete Paving Project

EXIHBIT A

SECTION 01010 - SUMMARY OF WORK

PART 1 GENERAL

1.01 DESCRIPTION

A. Work Included: Contractor shall furnish all labor, materials, services, permits, insurance and equipment necessary to complete the work described herein, shown, or reasonably implied for the following activities:

1. Construct Concrete Paving at Fresno County Fire Protection District's Tranquility Fire Station, located at 25101 W. Morton Avenue, Tranquility, California. Such WORK shall include the following:

a. Removal of existing asphalt pavement, gravel and subgrade soil in areas to received new concrete pavement. Excavation of subgrade material shall be to the elevations and grades necessary to provide final surface grades shown on the drawings;
c. Placement, consolidation, finishing and curing of concrete pavement including cutting of crack control joints and placement of felt for expansion joints as shown on the drawings;

B. Project Coordination:

Coordination between subcontractors, project planning and scheduling, and the Owner shall be the responsibility of the Contractor. The Owner will utilize the northwest part of the site for fire truck parking and vehicle parking while this Work is in progress and for 7 days after the final concrete placement.

1.02 NOT USED

1.03 EXISTING CONDITIONS

A. Existing conditions are reflected correctly to the best of Owner's knowledge. Should minor conditions be encountered which are not exactly as indicated, modification to new work shall be made as required at no additional expense to Owner.

1.04 PHASING

A. Contractor shall provide a plan for phasing the concrete placement if all placement won't occur in one day.

1.05 STORAGE

A. Contractor shall coordinate equipment and temporary waste container storage space with Owner's Representative prior to mobilization. Owner's Representative shall reserve the right to modify storage space accommodations without incurring additional costs.

1.06 WORKING DAYS AND HOURS

A. All work shall be performed from Monday through Friday between the hours of 6:00 a.m. to 5:00 p.m.

B. Obtain written approval from Owner's Engineer prior to altering work schedule.

1.07 NOT USED

1.08 PARKING

A. Contractor shall coordinate with Owner at the preconstruction conference and prior to mobilization.

1.09 NOT USED

1.10 CORRECTION OF DAMAGE TO PROPERTY

A. Consider any damage to property not identified in the pre-job damage survey as having resulted from execution of this Contract and correct at no additional expense to Owner.

1.11 OSERVATIONS

A. The Owner's Representative will observe the status and progress of the Work for completeness and general compliance with the requirements of the Contract Documents.

1.12 UTILITIES

A. Reasonable amounts of water and electricity shall be made available to the Contractor from existing outlets at no additional expense.

1.13 NOT USED

1.14 NOT USED

1.15 LOCAL CONDITIONS

A. The Contractor shall abide by all facility security rules and regulations, including, but not limited to work hour limitations, traffic management, noise level restrictions, visible emissions which may be imposed by the State, the City of Tranquility, the local Air Quality Management District, or other public agencies.

1.16 ROYALTIES AND PATENTS

A. The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of patent rights and shall hold the Owner and the Owner's Representative harmless from loss on account thereof, but shall be responsible for such defense or loss when a particular design, process or product of a particular manufacturer or manufacturers is required by the Contract Documents. However, if the Contractor has reason to believe that the required design, process or product is an infringement of a patent, the Contractor shall be responsible for such loss unless such information is promptly furnished to the Owner's Representative.

PART 2 – PRODUCTS – NOT USED

PART 3 – EXECUTION – NOT USED

END OF SECTION

SECTION 02220

EARTHWORK FOR PAVEMENT

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Provide excavation, any backfilling of over-excavations and compaction of bottom of excavation in preparation for placing concrete for pavement.

PART 2 PRODUCTS

2.01 FILL MATERIAL

A. Adequate quantities of excavated materials should be available for use as backfill for any over-excavations. If this material is not suitable, the contractor may import Class II aggregate base material and compact it to 90% of maximum density as determined by ASTM D 1557-02. The Contractor shall pay for any import fill and testing thereof.

2.02 EXCESS EXCAVATION AND WASTE

A. Remove all excavated asphalt pavement, gravel, base rock and subgrade soil from the site, and legally dispose of off premises.

PART 3 EXECUTION

3.01 EXCAVATION

A. General: Excavate old asphalt pavement and underlying base rock and/or soil to the depth required to achieve the pavement thickness shown on the drawings. Exercise care when excavating so that adjacent improvements that will remain are not damaged or disturbed. Concrete may be placed directly on undisturbed soil. If soil is disturbed during excavation operations, compact this material to 90% of maximum density.

B. Make excavations of sufficient size to provide ample room for construction of forms and bracing.

C. Hand digging will be required if excavating near existing ducts or other utilities that are to remain.

D. Soft, Spongy, or Unsuitable Bearing Material: If soft, spongy, or unsuitable bearing material is discovered, notify the Owner's Representative immediately for direction how to proceed.

E. Existing Utilities: Exercise extreme care when excavating near utility lines to avoid damage thereto. Notify the Owner's Representative when utilities not shown on

plans are encountered; do not proceed with work in such areas until written instructions are received from the Owner's Representative.

F. Changes in the Work: Pursuant to provisions of the General Conditions, changes in work required by conditions encountered during excavation and comprehensive grading operations and payment therefore, will be made in accordance with applicable provisions of the General Conditions.

3.02 PLACING FILL AND BACKFILL

A. Remove vegetation, large stones, soft spots and objectionable material from existing ground surface. Excavate or fill to required subgrade. Fill and compact soft spots.

3.03 GENERAL SITE GRADING

A. After concrete pavement is placed, backfill with native material around the perimeter of the new paving and compact.

B. Grade finish surfaces smooth and even, finish flush with surfaced areas, sidewalks, concrete pads, tops of curbs, manholes, drains, valve boxes, etc., unless otherwise indicated. Finish surfaces shall be clean, free from undesirable vegetation, stones, wood, etc., and suitable for subsequent paving work.

END OF SECTION

SECTION 03300

CAST-IN-PLACE CONCRETE PAVEMENT

PART 1 GENERAL

1.01 DESCRIPTION

A. Work Included:

1. Exterior, unreinforced concrete slabs on grade including valley gutter.

1.02 QUALITY ASSURANCE

A. Source Quality Control:

1. In accordance with ACI 301.

2. Obtain materials from same concrete supplier throughout the work.

B. Regulatory Requirements:

1. Conform to 2007 California Building Code.

C. References (use most recent editions):

1. ACI 330.1 - Standard Specification for Plain Concrete Parking Lots.

2. ACI 306R – Hot Weather Concreting.

3. ASTM C33 - Concrete Aggregates.

4. ASTM C94 - Ready-Mixed Concrete.

5. ASTM C150 - Portland Cement.

6. ASTM C494 - Chemical Admixtures for Concrete.

7. ASTM C618 – Coal Fly Ash ...for Use as a Mineral Admixture in Concrete.

D. Tests:

1. Testing and analysis of concrete may be performed by the Owner's Representative in accordance with ACI 301. Testing does not relive the Contractor from complying with project specifications or from performing his own quality control.

E. Product Data:

1. Provide product data for specified products.

2. Submit mix design to the Owner's Representative for review and approval.

1.03 SUBMITTALS

A. Field Samples: None required.

PART 2 PRODUCTS

2.01 CONCRETE MATERIALS

A. Cement: ASTM C150, Type II, low alkali cement.

B. Aggregates: ASTM C33 and as follows, from source approved by the Owner's Representative. Do not use aggregates known to cause excessive shrinkage.

1. Coarse Aggregate: ASTM C33 Size 57 (1" x #4).

2. Fine Aggregate: Clean, natural washed sand of hard and durable particles varying from fine to particles passing 3/8 inch screen meeting the requirements of ASTM C33 for Fine Aggregate.

C. Water: Clean and free from deleterious quantities of acids, alkalis, salts, or organic materials. Potable water is preferred.

2.02 ADMIXTURES

A. Air Entrainment: Not required for this work.

2.03 ACCESSORIES

A. Felt Expansion Joint: Use ½" thick felt expansion joint material, the full depth of the pavement.

B. Expansion Joint Filler: ASTM C-920, Type S, Grade P, Class 25. Use Sikaflex® 1c-SL™ or approved equal.

2.04 CONCRETE MIX

A. Mix concrete in accordance with ASTM C94. Concrete strength, f'_c, shall be 3,500 psi compressive strength at 28 days. The mix design shall be:

- 6.0 sacks of cementitious material per cubic yard
- 15% Class F fly ash cement replacement by weight
- 1" maximum size aggregate (size 57, 1" x #4)
- 25 fluid ounces per cubic yard of WR Grace's Adva 170 super plasticizer, or approved equal, added at the batch plant
- 8 fluid ounces per cubic yard of WR Grace's "Recover" (hydration stabilizer), added at the batch plant AFTER the super plasticizer
- 6-inch slump as delivered to the job site, plus or minus 1.5 inches tolerance (batches delivered to the jobsite exceeding this slump may be rejected by the Owner's Representative)

PART 3 EXECUTION

3.01 INSPECTION

A. Verify felt expansion joint material and other items to be cast into concrete are accurately placed, held securely, and will not cause hardship in placing concrete.

3.02 PREPARATION

A. Insure adjacent surfaces (i.e. walls, doors, sidewalks, floor slabs, etc.) are adequately protected from splashing concrete. Thoroughly clean any concrete that splashes onto these surfaces to the satisfaction of the Owner's Representative.

B. Prepare previously placed concrete by cleaning with steel brush and applying a bond breaker material to prevent the new concrete from bonding to the old concrete.

3.03 PLACING AND FINISHING CONCRETE

A. Notify Owner's Representative minimum 24 hours prior to commencement of concreting operations.

B. Place concrete in accordance with ACI 301. All concrete shall be consolidated by vibration either by the use of vibrating screeds or by mechanical vibrators of sufficient size and quantity to effectively vibrate all concrete.

C. Hot Weather Placement: ACI 306R.

D. Separate exterior slabs on fill from vertical surfaces with ½" thick felt joint filler. Extend joint filler from bottom of slab within 1/8 inch of finished slab surface.

E. Ensure felt expansion joints and formwork are not disturbed during concrete placement.

F. Place concrete continuously between predetermined construction joints. Do not break or interrupt successive pours such that cold joints occur.

G. Surface finish shall be a light-broom finish applied perpendicular to the longitudinal direction. Concrete edges at the perimeter of the pavement will be finished with a ½" radius edge tool.

H. Saw cut crack control joints as early as possible using early entry concrete saws (Soff-Cut® or equal). Joint depth shall be 1-1/2" deep for 8" thick pavement and 1" deep for 5" thick pavement.

J. Excessive honeycomb or embedded debris in concrete is not acceptable. Notify Owner's Representative upon discovery.

3.04 PATCHING

A. Patch imperfections after coordinating patching materials and methods with the Owner's Representative.

3.05 DEFECTIVE CONCRETE

A. Modify or replace concrete not conforming to required levels and lines, details, and elevations.

B. Repair or replace concrete not properly placed or of the specified type.

3.06 FIELD QUALITY CONTROL

A. Field testing may be performed by the Owner's Representative in accordance with ACI 301.

B. Maintain records of placed concrete items. Record date, location of pour, quantity, air temperature, and time that joint cutting begins.

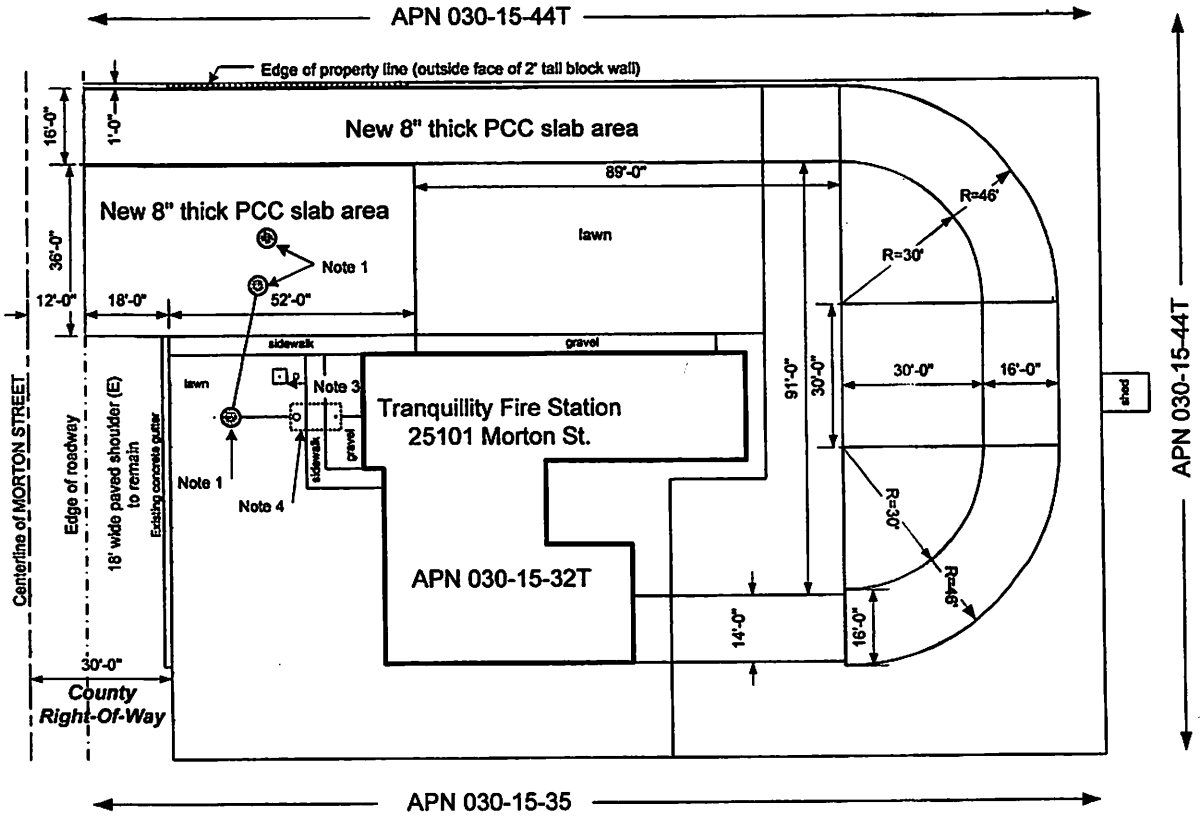
3.07 PROTECTION

A. Protect finished work and repair any damage caused during subsequent wonk.

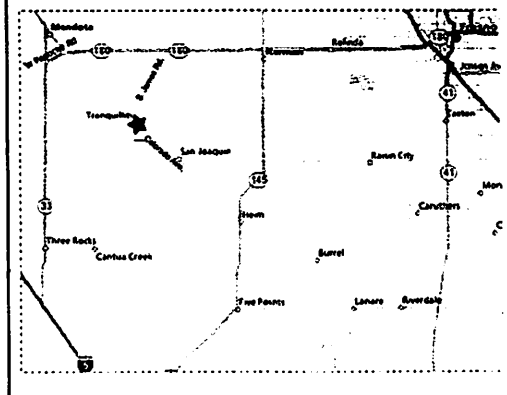
B. Immediately after placement, protect concrete from premature drying by applying a water-based curing compound meeting the requirements of ASTM C309. Seal-Krete Cure-N-Seal® or SCOFIELD® Selectseal-W™ or approved equal. Do not sprinkle water on hardened concrete that has been sealed with curing compound. If this happens, immediately reapply curing compound to the area.

END OF SECTION

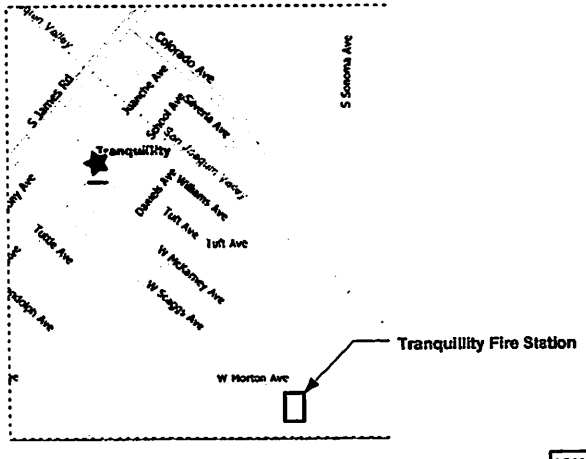
EXIHBIT A



SITE PLAN



Location Map



Vicinity Map

GENERAL NOTES FOR IMPROVEMENT

1. The work embraced herein shall be in a
the specifications entitled "Improvement S
October, 1966 and as amended, insofar as
2. The Contractor shall notify the Departm
of Fresno at 262-4022 no less than 72 hou
3. All work installed shall meet or exceed
proposed is not addressed with these stan
adopted version of the State Standard Dra
4. The work embraced herein shall not co
Contractor has first been provided an inqu
installations as specified in Section 4216 o
5. Before commencing work, the Contrac
companies having possible interest in the
proximate to existing facilities and the Co
the work area. The Contractor shall notify
excavation.
6. The Contractor shall obtain written aut
permission to enter his property for the pu
delineated on the plans and transitions th
with a copy prior to start of any work.
7. Dirt of debris tracked onto existing Co
at the end of each working day to the sati
The costs of all compaction testing requir
by the Contractor.
8. Temporary erosion control, if required,
waddles, silt fences or other means agree

GRADING AND DRAINAGE NOTES:

1. The work embraced herein shall be do
of Chapter 33 of the 2007 California Build
15.28 of the Fresno County Ordinance C
2. A grading permit or voucher shall be o
and Planning Department, Development
paving work for this project.
3. Inspection of the rough graded pad ar
and release of the grading permit.

ROAD IMPROVEMENT PLAN NOTES:

1. Prior to the laying of the sub-base or b
certify that the subgrade elevations are in
2. All sewer, storm drain, water main val
this project shall be adjusted to grade as

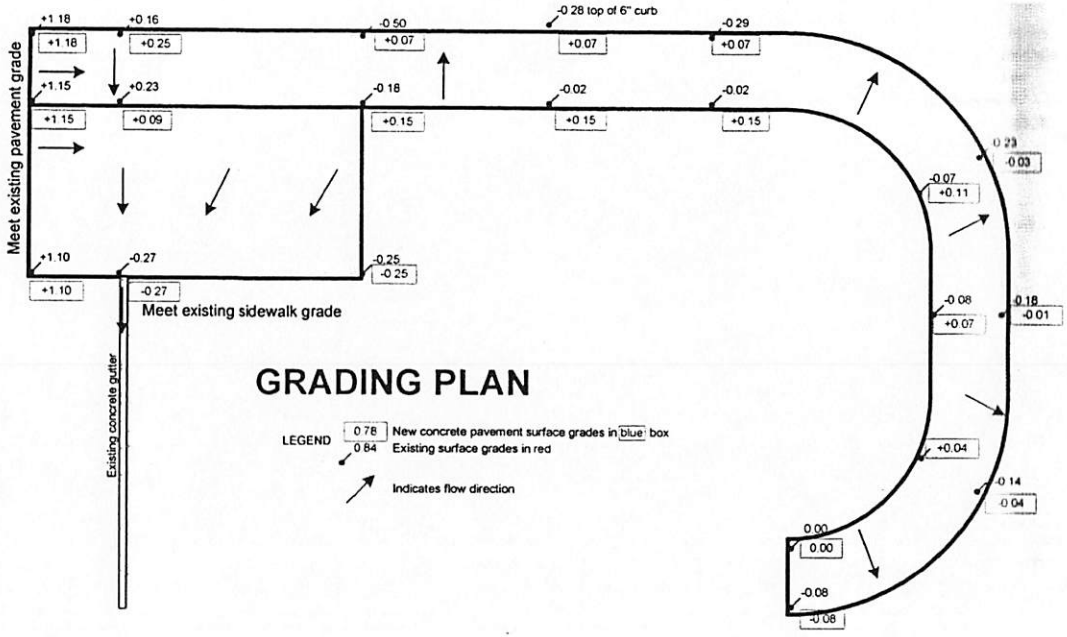
SITE PLAN NOTES

1. Abandon in place, three existing seep
Remove and dispose of lids and fill pits w
2. An encroachment permit is required f
The Owner has already obtained this pe
upon award of the contract.
3. Existing flag pole and monument to r
4. Saw cut sidewalk and remove existin

REGISTERED PROFESSIONAL ENGINEER
DOUGLAS S. TAYLOR
No. C-046870
Expires 6-30-11
CIVIL
STATE OF CALIFORNIA

0ft. 0in. 30ft. 0in.

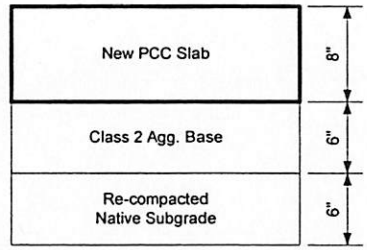
DESCRIPTION	DATE	DRAWN BY	SCALE
Site Plan & Notes	7/30/09	Doug Taylor, PE	1" = 30



GRADING PLAN

LEGEND
0.78 New concrete pavement surface grades in blue box
0.84 Existing surface grades in red
Indicates flow direction

½" thick felt expansion joint, full depth of existing slab



STRUCTURAL SECTION
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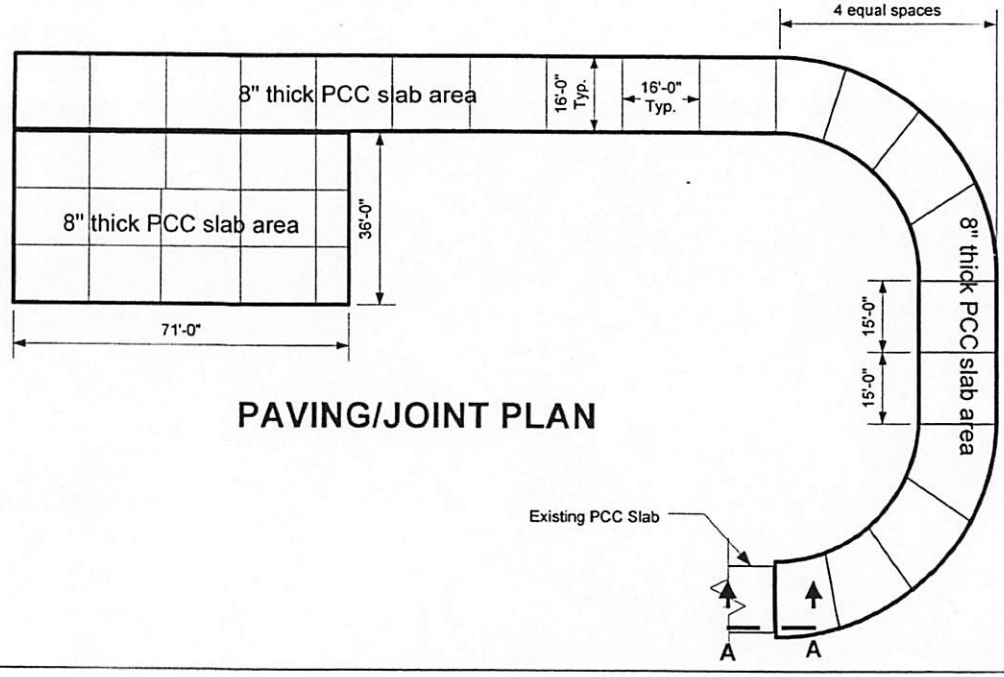
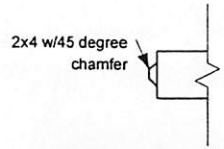


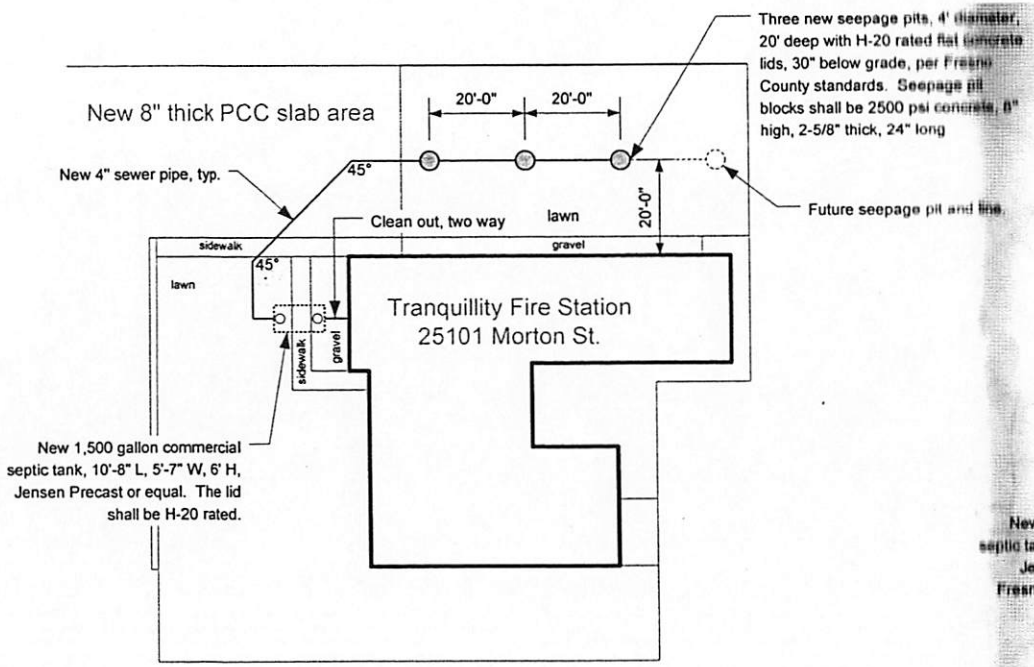
PAVING/JOINT PLAN



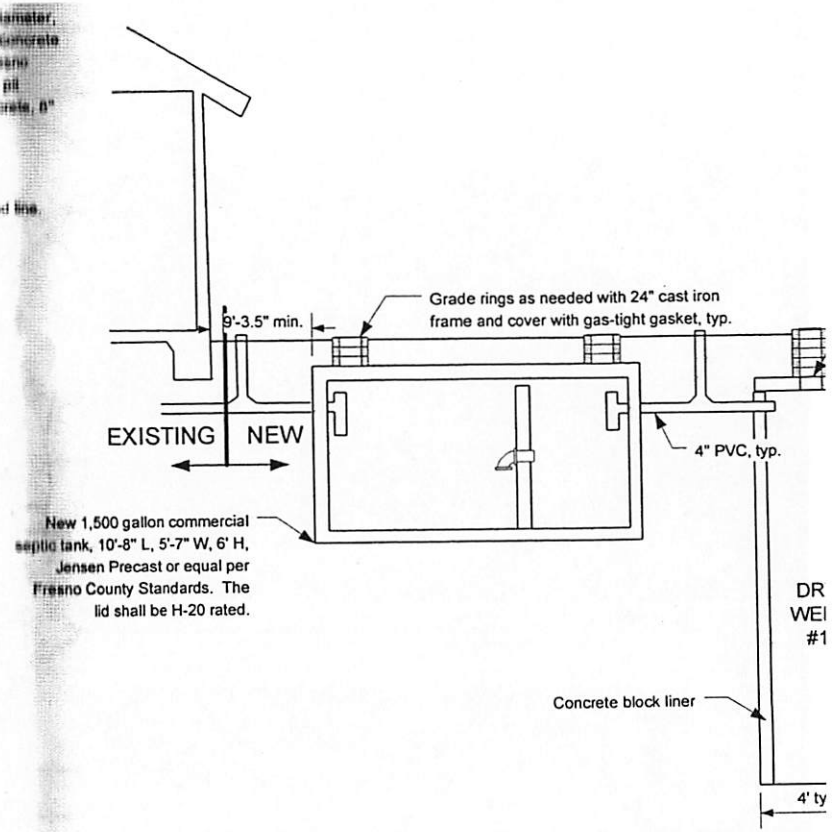
CONSTRUCTION JOINT DETAIL
(NOT TO SCALE)

0ft. 0in. 30ft. 0in.

DESCRIPTION	DATE	DRAWN BY	SCALE
Grading/Paving Plan	7/30/09	Doug Taylor, PE	1" = 30'



PARTIAL SITE PLAN
(NOT TO SCALE)



SECTION OF SEPTI
(NOT

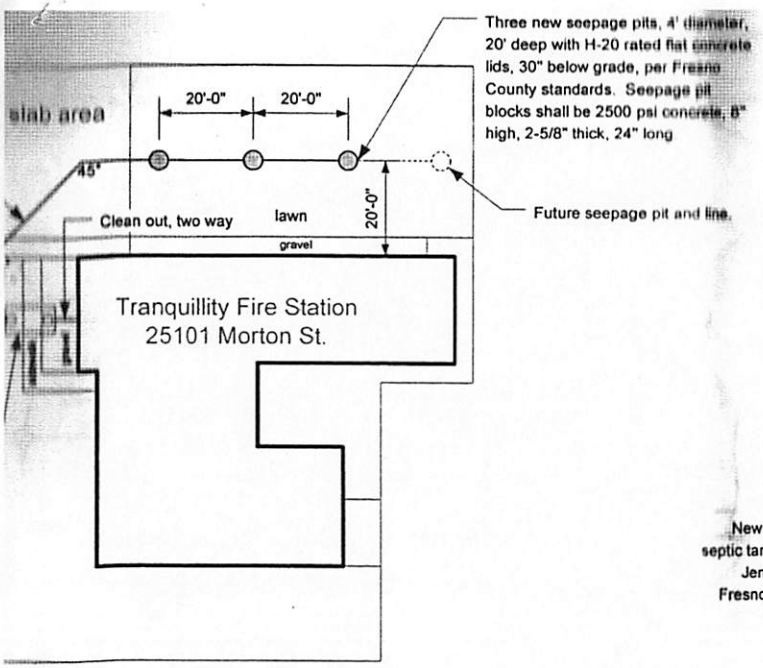
SEPTIC SYSTEM NOTES:

Scope of work for replacement septic system and leach pits includes, but is not limited to:

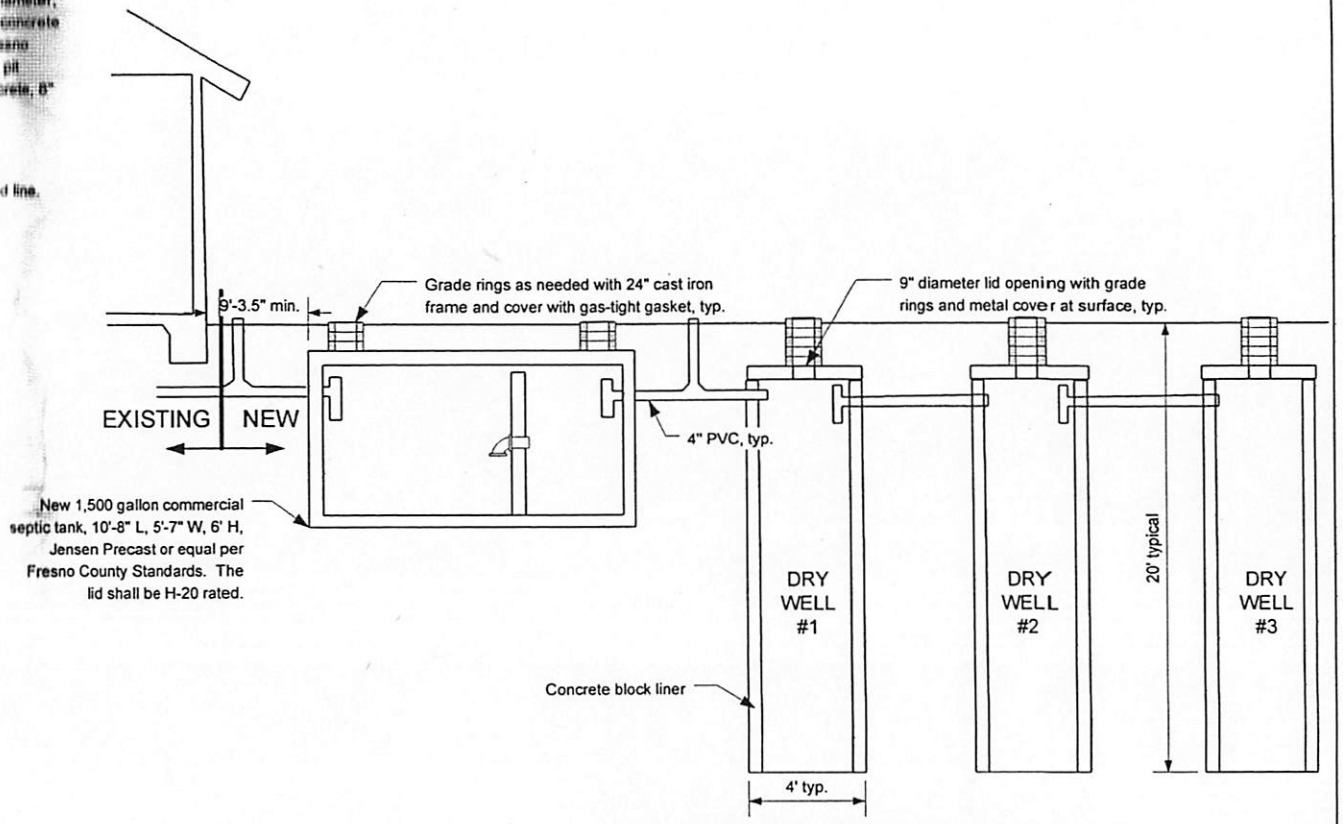
1. Pump out the existing septic tank. Locate the septic line exiting the building, cut and temporarily cap it.
2. Saw-cut the existing concrete sidewalk as necessary for septic tank replacement.
3. Remove the existing septic tank and properly dispose of it off site.
4. Pump out three existing seepage pits, remove the concrete lids from these seepage pits, backfill the pits with pea gravel, then backfill the excavations with native material or sand to grade and compact to 90% of maximum density in unpaved areas and to 95% of maximum density in areas that will be paved under this contract. Replace the grass sod in the lawn area.
5. Install a new septic tank and connect it to the existing septic line exiting the building. Backfill with pea gravel to 6-inches below finished grade followed by native material to grade.
6. Bore three new leach pits and run a 4" Schedule 40 PVC effluent line to the pits at a slope of 1% minimum.
7. Install 2-way cleanout as shown. Bore under the existing sidewalk and concrete curb as needed.
8. Install grade rings as necessary for septic tank covers, leach pit access and pipe clean-out.
9. Backfill trenches with native material or sand and compact to 90% of maximum density in unpaved areas and to 95% of maximum density in areas that will be paved under this contract.
10. Replace the section of concrete sidewalk over the septic tank removed previously.

0ft. 0in. 30ft. 0in.

DESCRIPTION	DATE	DRAWN BY	SCALE
Septic System & Notes	7/30/09	Doug Taylor, PE	1" = 3



ARTIAL SITE PLAN
(NOT TO SCALE)



SECTION OF REPLACEMENT SEPTIC SYSTEM
(NOT TO SCALE)

S:

ment septic system and leach pits includes, but is not limited to:
septic tank. Locate the septic line exiting the building, cut and temporarily cap it.
ncrete sidewalk as necessary for septic tank replacement.
ptic tank and properly dispose of it off site.
g seepage pits, remove the concrete lids from these seepage pits, backfill the pits with
ckfill the excavations with native material or sand to grade and compact to 90% of
n unpaved areas and to 95% of maximum density in areas that will be paved under this
the grass sod in the lawn area.
k and connect it to the existing septic line exiting the building. Backfill with pea gravel to
shed grade followed by native material to grade.
its and run a 4" Schedule 40 PVC effluent line to the pits at a slope of 1% minimum.
as shown. Bore under the existing sidewalk and concrete curb as needed.
ecessary for septic tank covers, leach pit access and pipe clean-out.
ative material or sand and compact to 90% of maximum density in unpaved areas and to
lensity in areas that will be paved under this contract.
f concrete sidewalk over the septic tank removed previously.

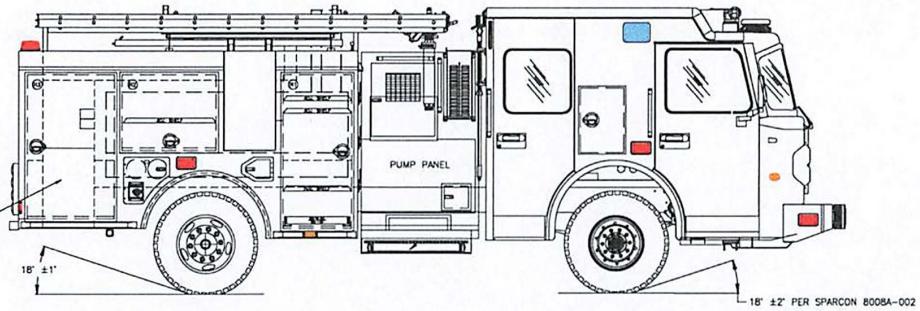
REGISTERED PROFESSIONAL ENGINEER
DOUGLAS S. TAYLOR
No. C046870
Expires 6-30-11
CIVIL
STATE OF CALIFORNIA

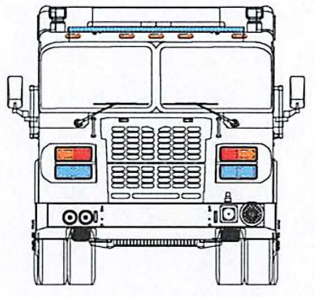
0ft. 0in. 30ft. 0in. 60ft. 0in.

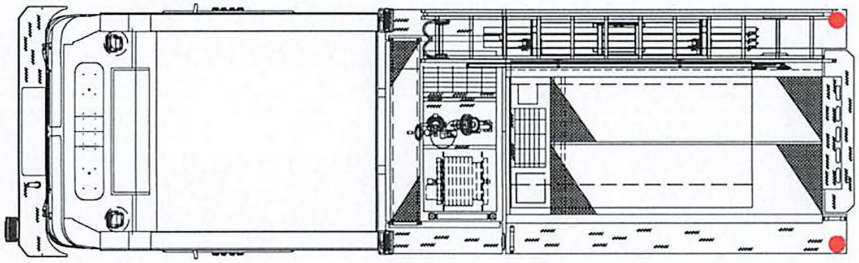
Fresno County Approval Date

DESCRIPTION	DATE	DRAWN BY	SCALE	TITLE
Septic System & Notes	7/30/09	Doug Taylor, PE	1" = 30'	Tranquillity Fire Station 95 Improvements Community Development Block Grant Project No. 07183

EXIHBIT B

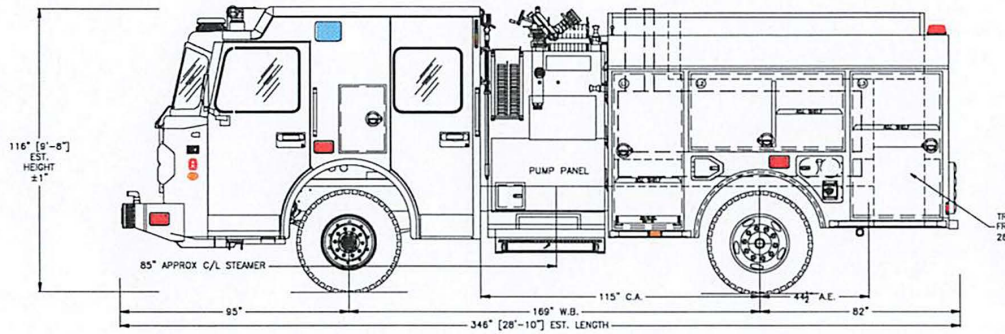


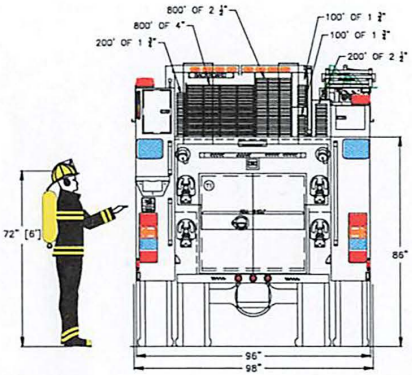




COMPARTMENT DIMENSIONS					
COMPT.	DOOR OPENING	INTERIOR	DIVIDE HEIGHT	DEPTH (UPPER)	DEPTH (LOWER)
L1/R1	28"W x 62"H	30"W x 62"H	27"	14"	23"
L2	83"W x 30"H	68"W x 30"H	N/A	14"	N/A
R2	39"W x 30"H	42"W x 30"H	N/A	14"	N/A
L3/R3	36"W x 58"H	36"W x 58"H	23"	14"	82"
T1	44"W x 38"H	46"W x 31"H	N/A	18"	19"

GROUND LADDERS & PIKE POLES			
ITEM	DESCRIPTION	MODEL #	QTY
A	24' 2-SEC EXTENSION	800-A	1
B	14' ROOF	775-A	1
C	10' FOLDING ATTIC	585-A	1
D	PIKE POLE	–	2





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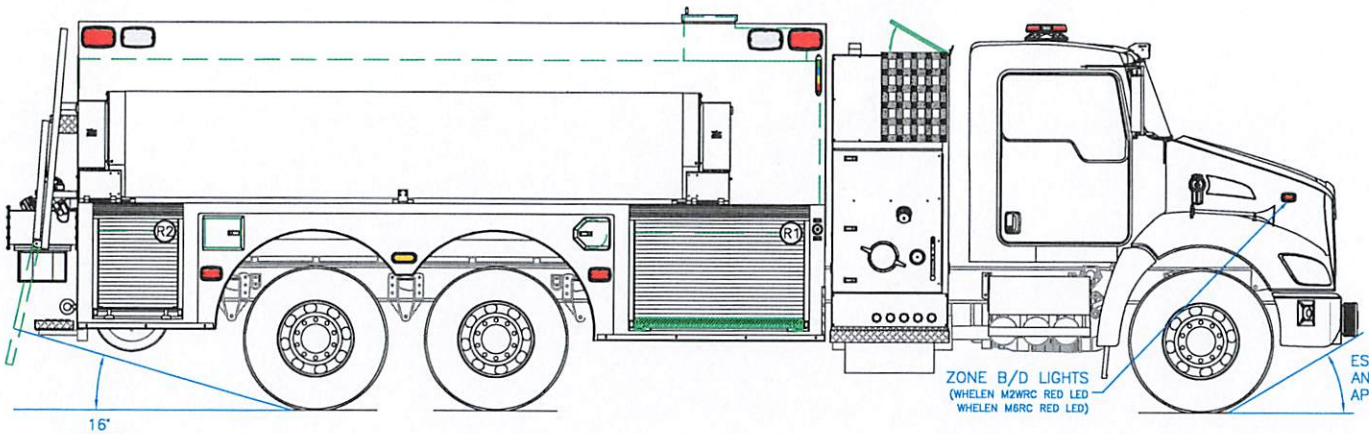
REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
01	Brood	11/22/21	ORIGINAL LAYOUT

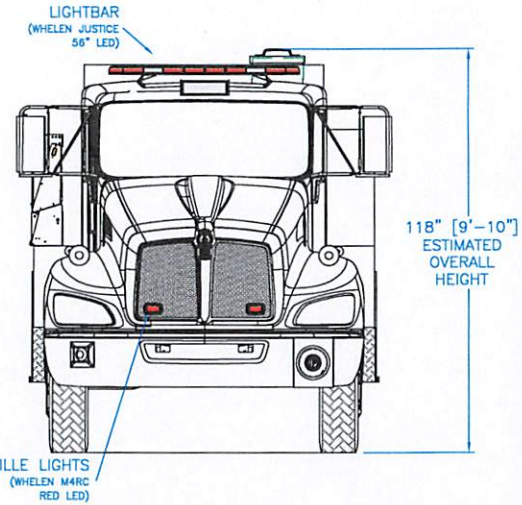
PRE-CONSTRUCTION

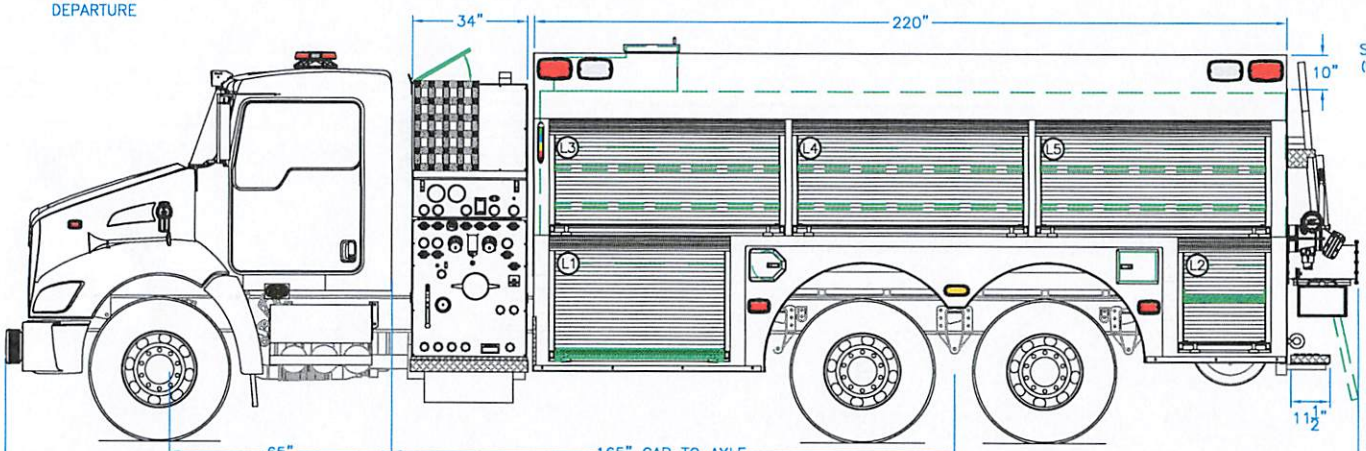
CHASSIS:	SPARTAN METRO STAR MFD 10" RAISED ROOF
ENGINE:	CUMMINS L9 450HP WITH ALLISON 3000 EVS
PUMP:	WATEROUS CSU/C20 2000 GPM (RATED @ 1500 GPM)
AUX PUMP:	WATEROUS E311-C
WATER TANK:	700 U.S. GAL
FOAM CELL:	30 U.S. GAL
BODY MATERIAL:	1/8" ALUMINUM
HOSE BED:	100 CUBIC FEET
GENERATOR:	N/A
COMPARTMENTS:	165 CUBIC FEET

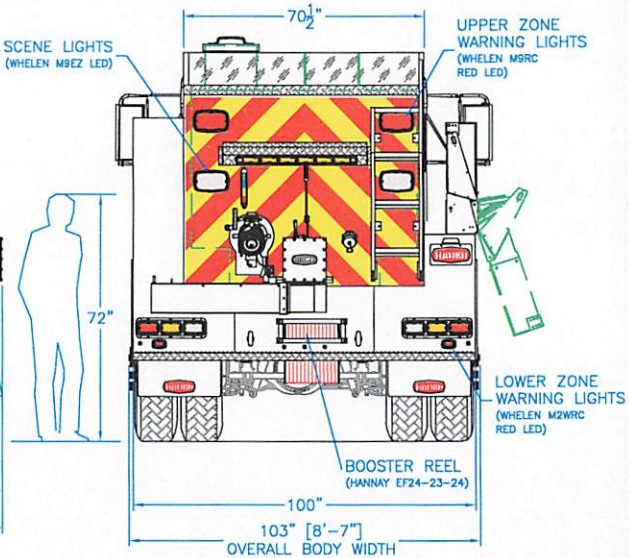
SMEAL
REV GROUP

	FRESNO COUNTY CALIFORNIA
MODEL:	SIDE MOUNT PUMPER/WUI
DEALERSHIP:	F.A.S.
SCALE:	1/2" = 1"
DRAWN BY:	R.PEDE
DATE:	5/4/22
SIZE:	24" X 36"
DRAWING NO:	S5316
REV:	01
SHEET:	1 OF 1









COMPT.	OPENING	USABLE DEPTH UPPER	USABLE DEPTH LOWER
L1	49W X 28H	21	26
L2	23W X 25H	21	26
L3	65W X 25H	13	13
L4	65W X 25H	13	13
L5	65W X 25H	13	13
R1	49W X 28H	21	26
R2	23W X 25H	21	26

SALES DRAWING

PUMPER/TANKER

DANKO
FIRE | RESCUE | EMS
SNYDER, NEBRASKA
www.DANKO.net

PUMP: Waterous 1500 GPM
TANK: 3,000 Gallon Poly
FOAM: n/a
BODY: 165" Aluminum
CHASSIS: Freightliner M2 106

FILE NAME: Clients\

ID: BID-7525

DRAWN BY:

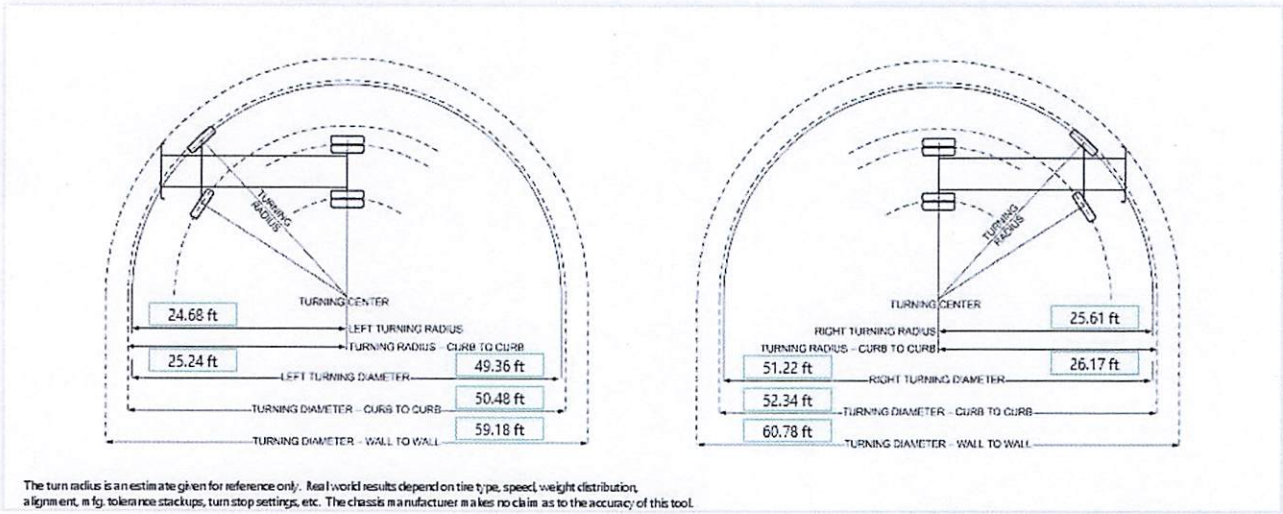
SCALE: BEST FIT

FRESNO COUNTY FIRE PROTECTION DISTRICT
SANGER, CA

DIMENSIONS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE AS MAY BE FOUND NECESSARY DURING CONSTRUCTION. MINOR DETAILS MAY NOT BE SHOWN TO RETAIN CLARITY WITHIN THE DRAWING. THE DRAWING IS FOR REFERENCE PURPOSES ONLY. SPECIFICATIONS SHALL BE THE FINAL AUTHORITY OF WHAT IS SUPPLIED ON THE APPARATUS.

DATE: 08/28/2025

Turning Radius



The turn radius is an estimate given for reference only. Real world results depend on tire type, speed, weight distribution, alignment, mfg. tolerance stackups, turn stop settings, etc. The chassis manufacturer makes no claim as to the accuracy of this tool.

End User Name	Fire Apparatus Solutions
Chassis Model	0100-011 Metro Star
Wheelbase	169.00 in
Bumper Extension	12.50 in
Bumper Width	99.00 in
Left hand outside tire turn angle	33.00 deg
Right hand outside tire turn angle	33.00 deg
Left hand Curb-to-Curb turning radius	25.24 ft, 7.69 m
Right hand Curb-to-Curb turning radius	26.17 ft, 7.98 m
Left hand Wall-to-Wall turning radius	29.59 ft, 9.02 m
Right hand Wall-to-Wall turning radius	30.39 ft, 9.26 m