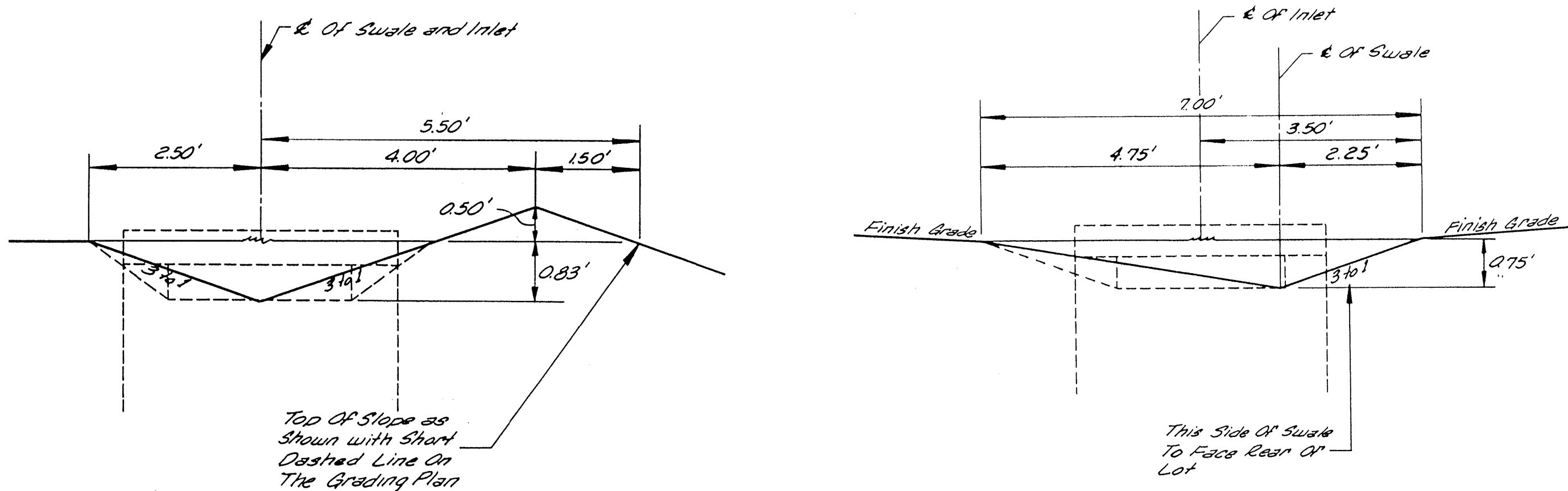
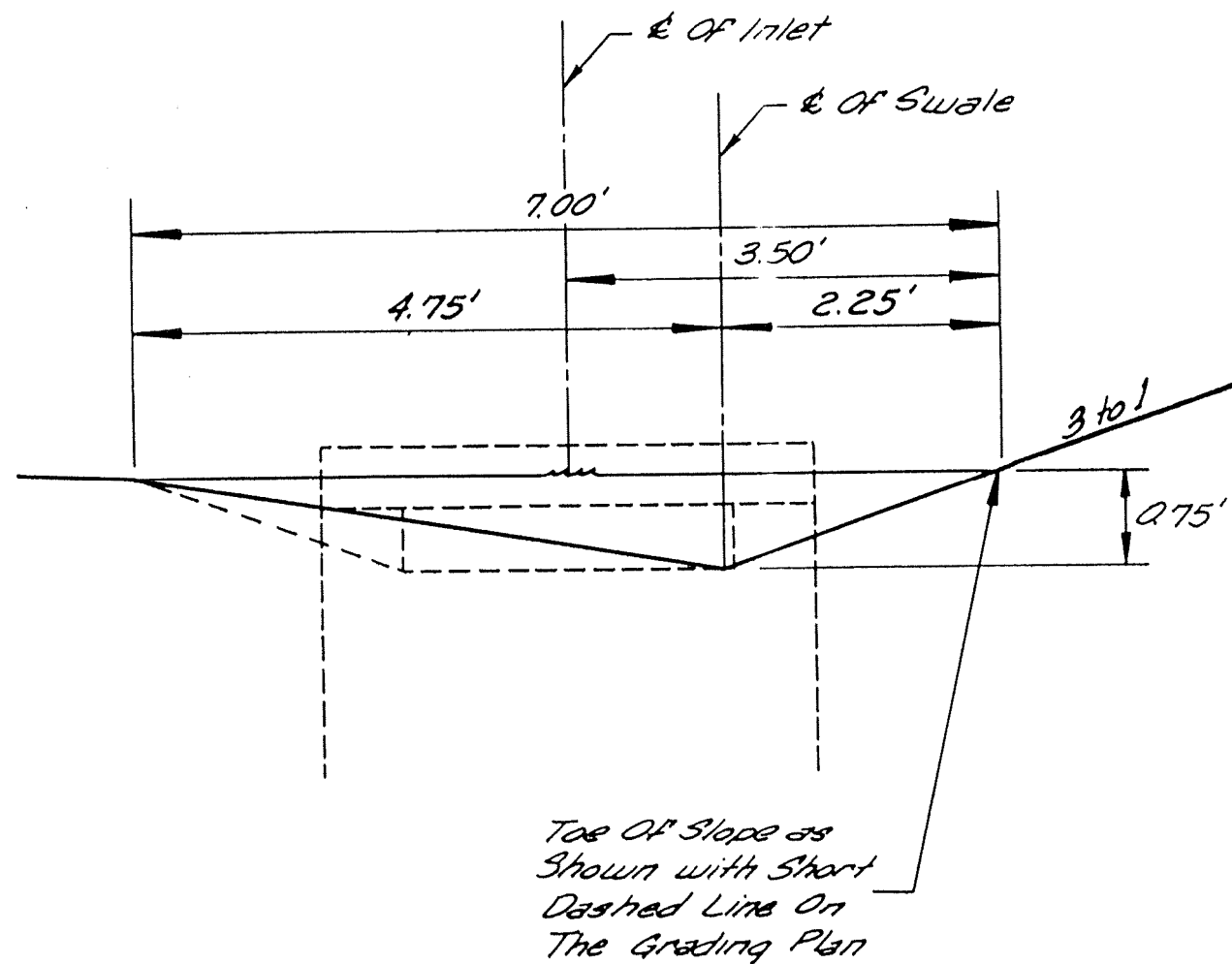


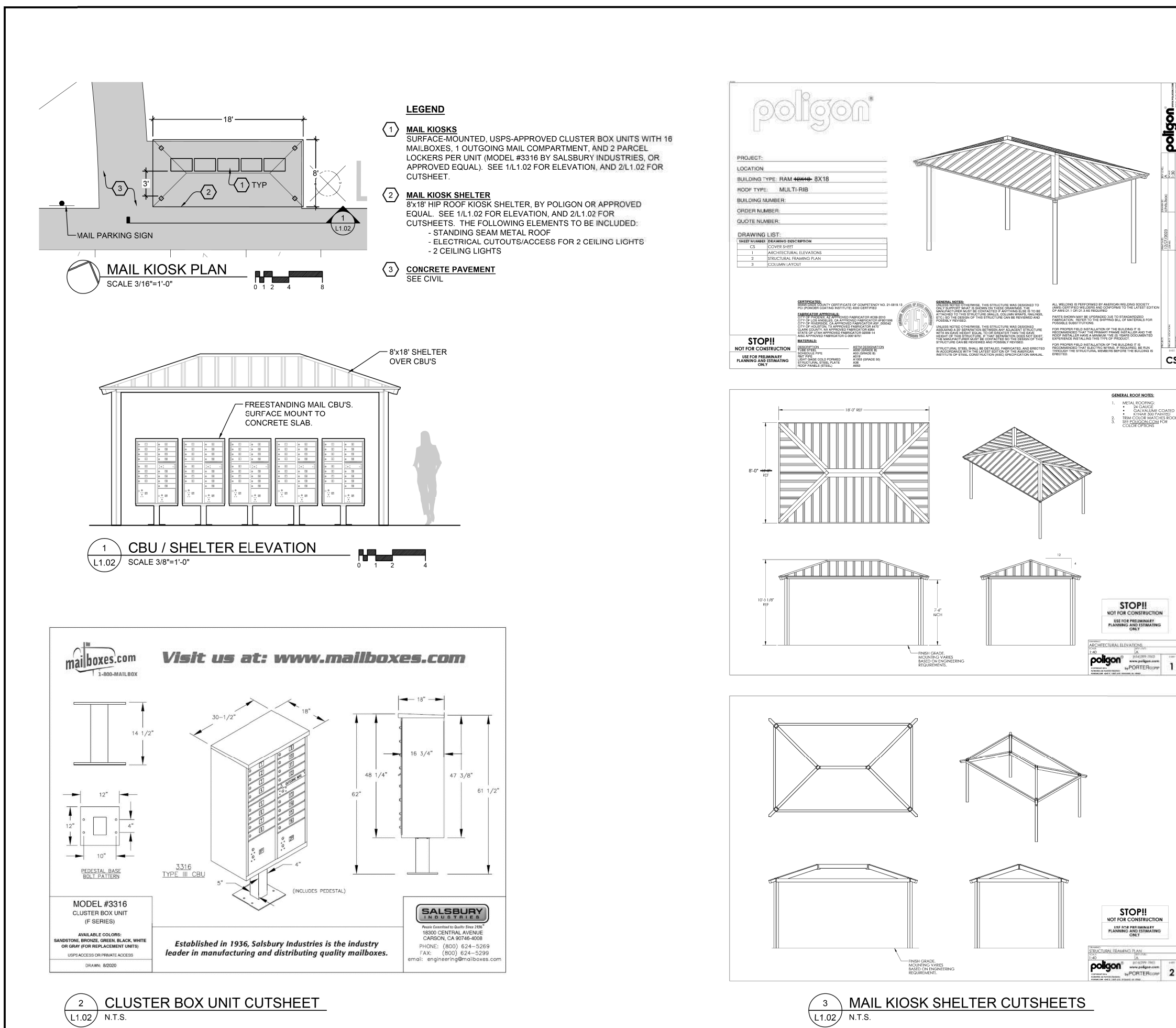


TYPICAL TOP OF TERRACE SWALE
N.T.S.

TYPICAL REAR YARD SWALE
N.T.S.



TYPICAL TOE OF TERRACE SWALE
N.T.S.



Consultants:

STRAWBERRY FARMS
8285 MEXICO ROAD
OFALLON, MISSOURI

Revisions:

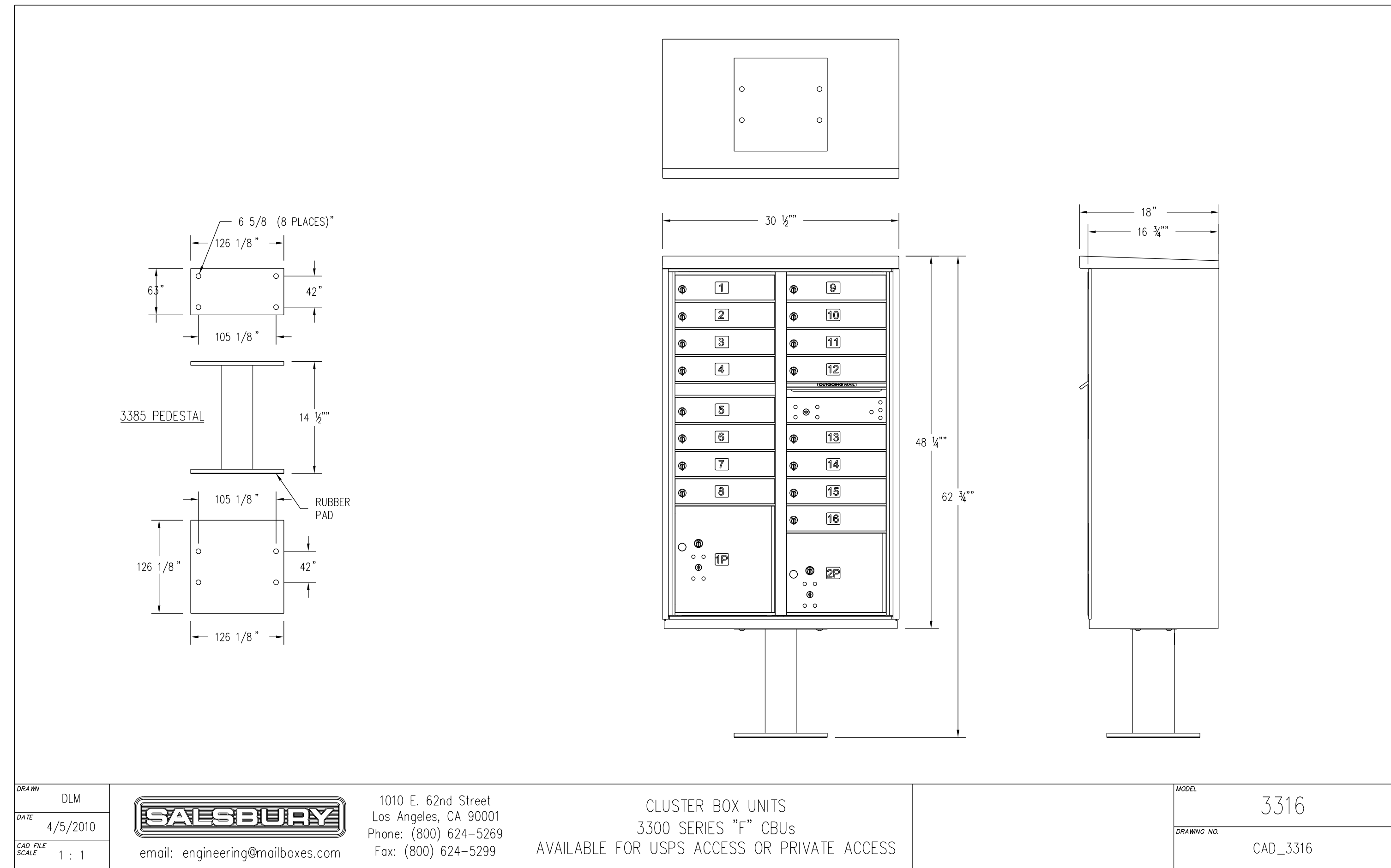
Date	Description	No.
11/10/24	Final Plan	1
11/10/24	City Comments	2

Drawn: LH
Checked: RB

LOOMIS ASSOCIATES
LANDSCAPE ARCHITECTS & PLANNERS
1100 N. 1st St., Suite 100
OFALLON, IL 60458
Phone: (630) 833-1100
Fax: (630) 833-1101
www.loomisassociates.com

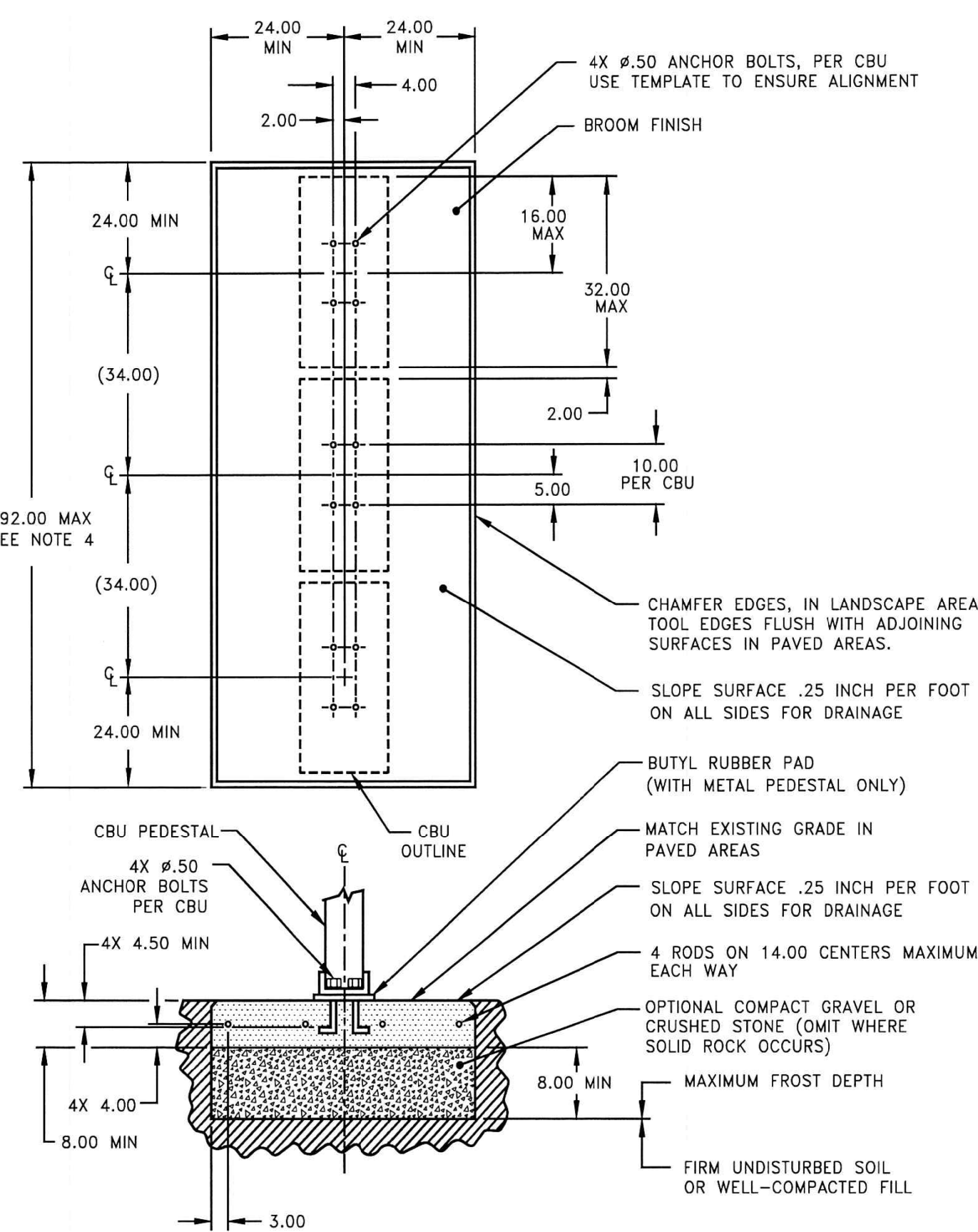
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Date: 8/30/24
Job #: 971.010

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OR USPS APPROVED EQUAL

USPS APPROVED SPECIFICATIONS – CONCRETE PAD (MULTIPLE UNIT)



CLUSTER BOX UNIT (CBU)
-ANCHORING METHODS-

CBU's must be level and mounted firmly in concrete, using one of the following methods.

- The J-bolt method is the preferred method of installation of CBU's on concrete pads; however, the J-bolt pattern must be accurate with the CBU pedestal plate. When using J-bolts, in order to prevent any damage or accidents that could result from the exposed bolts, consideration should be given as to the time lapse between pouring the concrete and the actual installation. Expansion anchors must be installed in accordance with the manufacturer's instructions.
- The use of anchor bolts for the installation of CBU's on concrete pads is also acceptable as long as the methods described below are followed.
 - Hilti Kwik bolt II, 1/2" diameter X 5-1/2" overall length
Catalog Number: 000-453-696, KB II 12-512
Stainless Steel Catalog Number: 000-454-744
Minimum embedment in concrete must be no less than 3-1/2"
 - ITW Ramset Redhead TruBolt, galvanized, 1/2" diameter X 7" overall length
 - Rawl Stud, 1/2" diameter X 5 1/2" overall length, galvanized.
Catalog Number: 7324
Minimum embedment in concrete must be no less than 4"

CLUSTER BOX UNIT (CBU)
-CONCRETE PAD REQUIREMENTS-

- ALL FREE STANDING PADS MUST BE 8" THICK -

1 UNIT	SINGLE PAD	4' X 4'
2 UNITS	DOUBLE PAD	4' X 7'
3 UNITS	TRIPLE PAD	4' X 10'
4 UNITS	QUAD PAD	4' X 13'

*** WHEN PLACING A PARCEL LOCKER AT ANY CBU LOCATION, INCREASE THE PAD SIZE BY AN ADDITIONAL 4' X 4'***

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Authority #203

SEAL OF THE CITY OF OFALLON, MISSOURI
7/1/25
TIMOTHY J. MEYER
Professional Engineer
MO E-24665

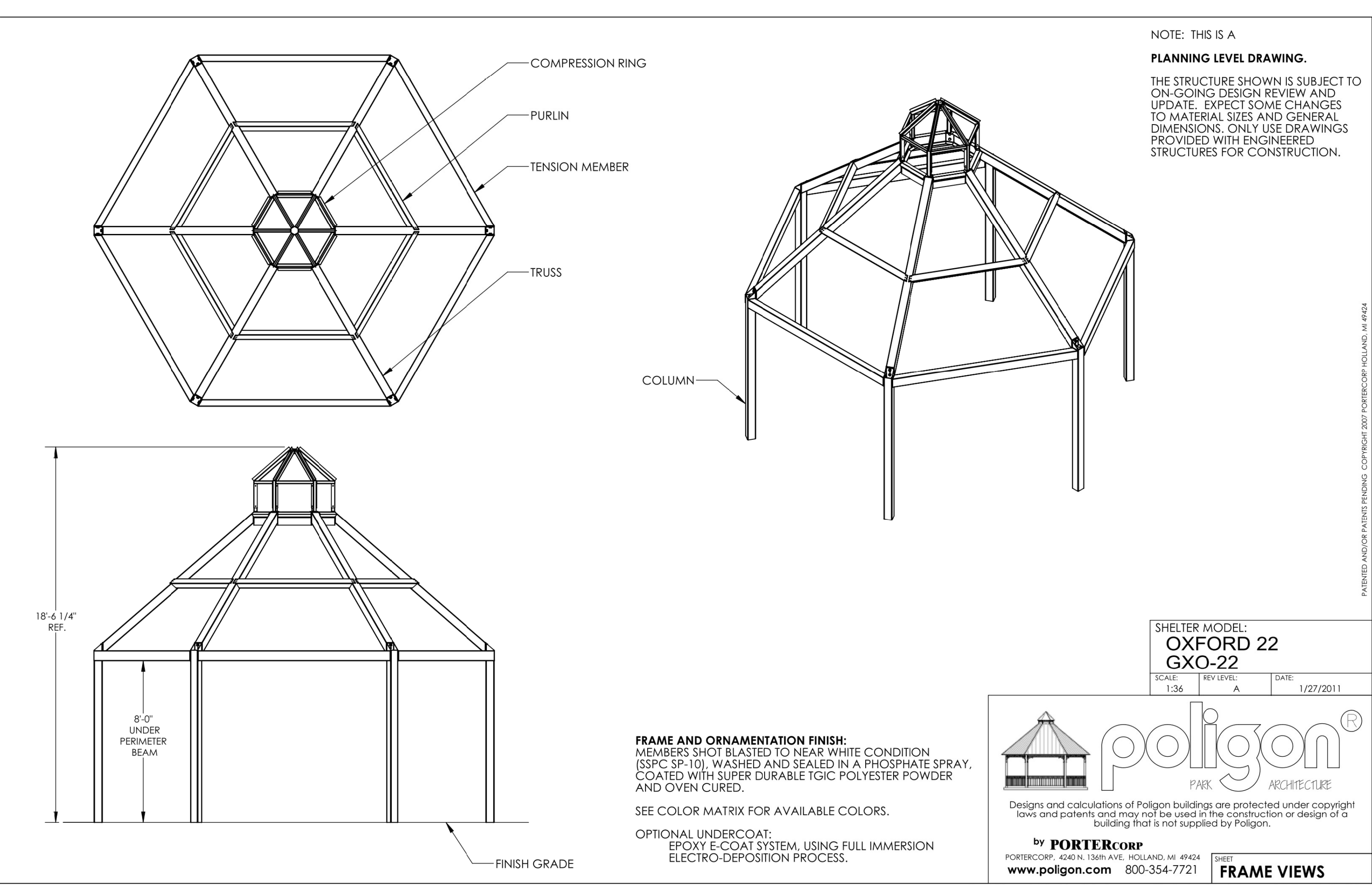
STRAWBERRY FARMS
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SHEET 7

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CITY OF OFALLON
PERMIT NO: 18592-00001
PROJECT E23444

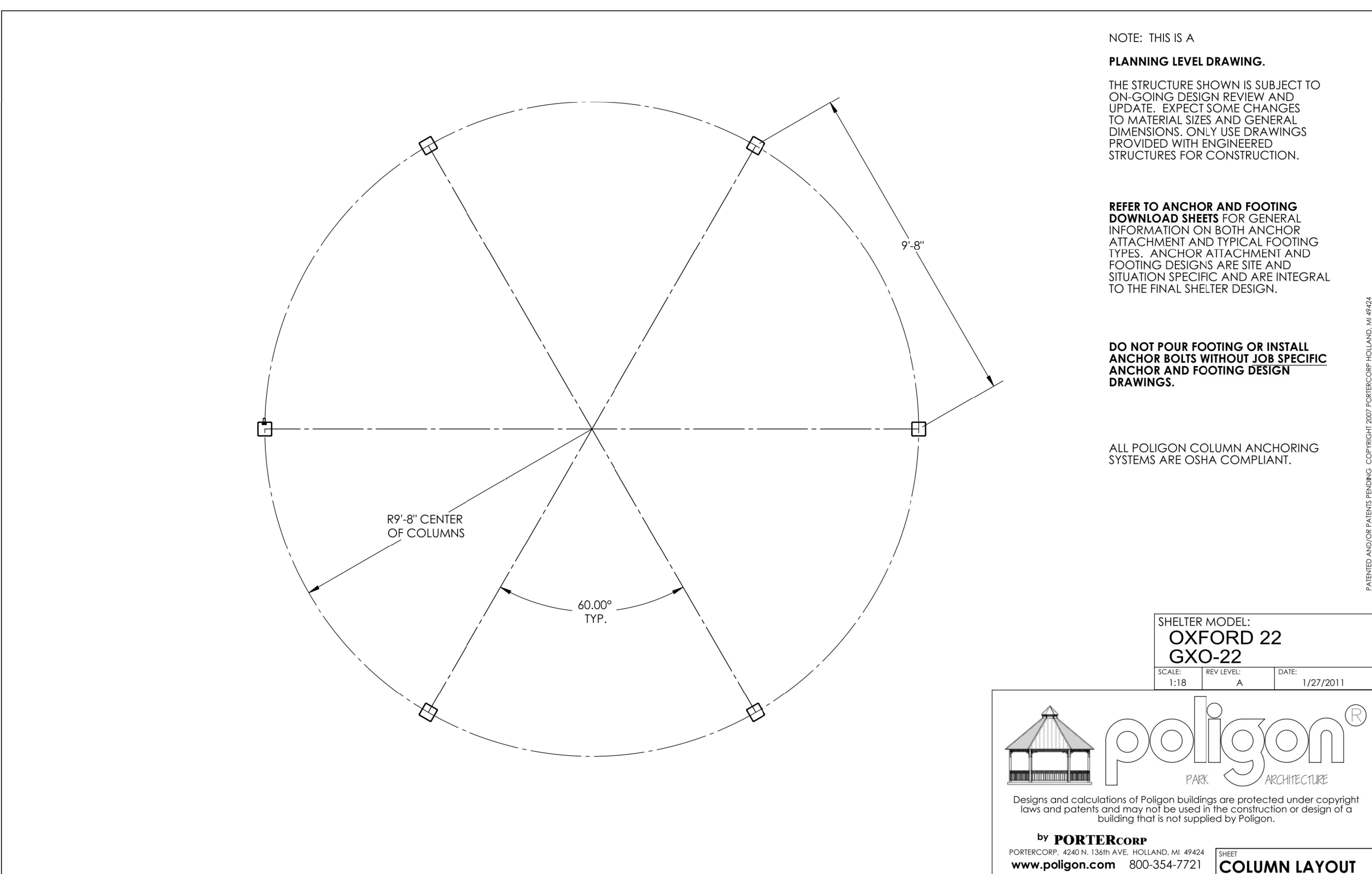
8285 MEXICO ROAD,
OFALLON, MO 63376

07-01-25
C33

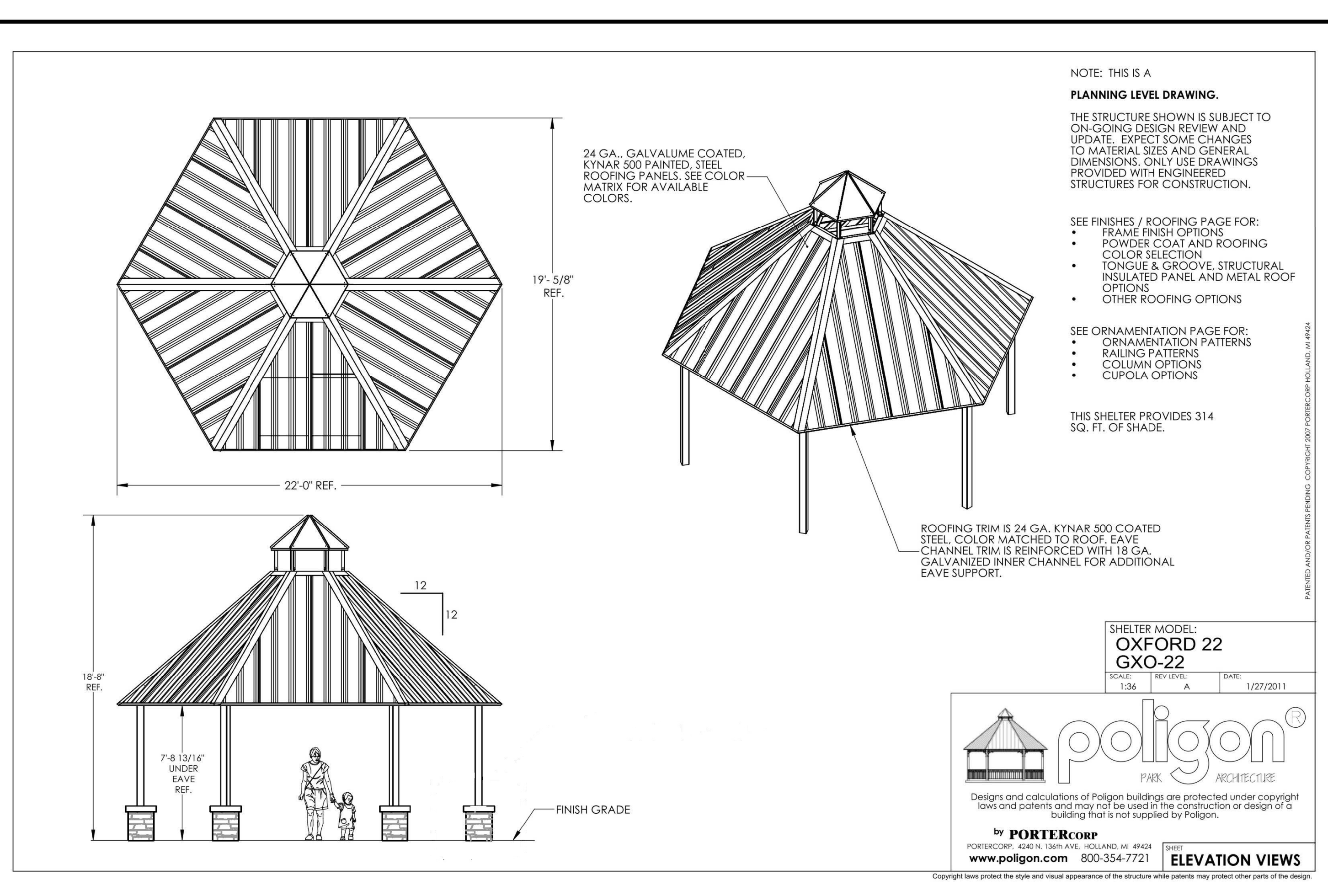
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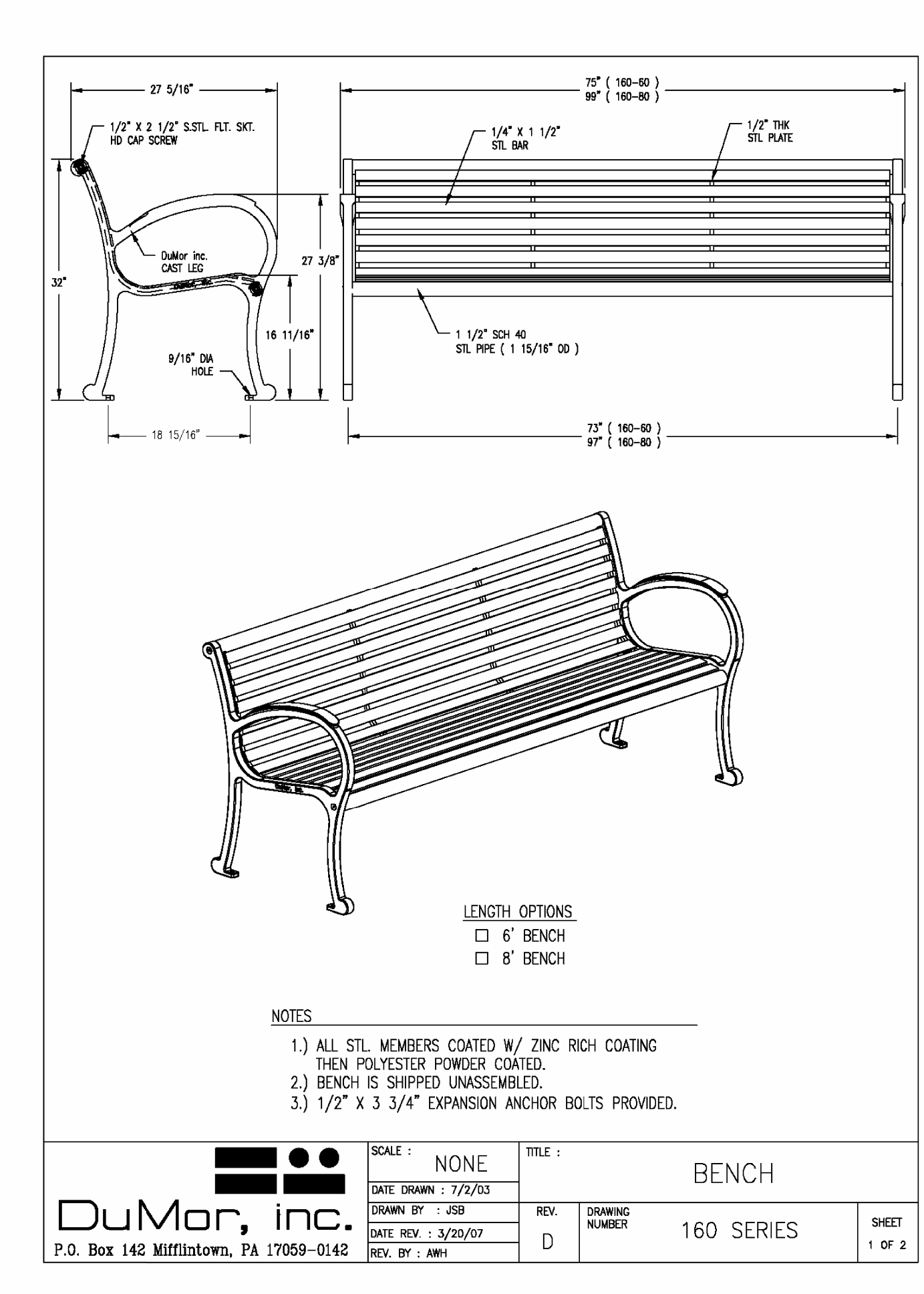
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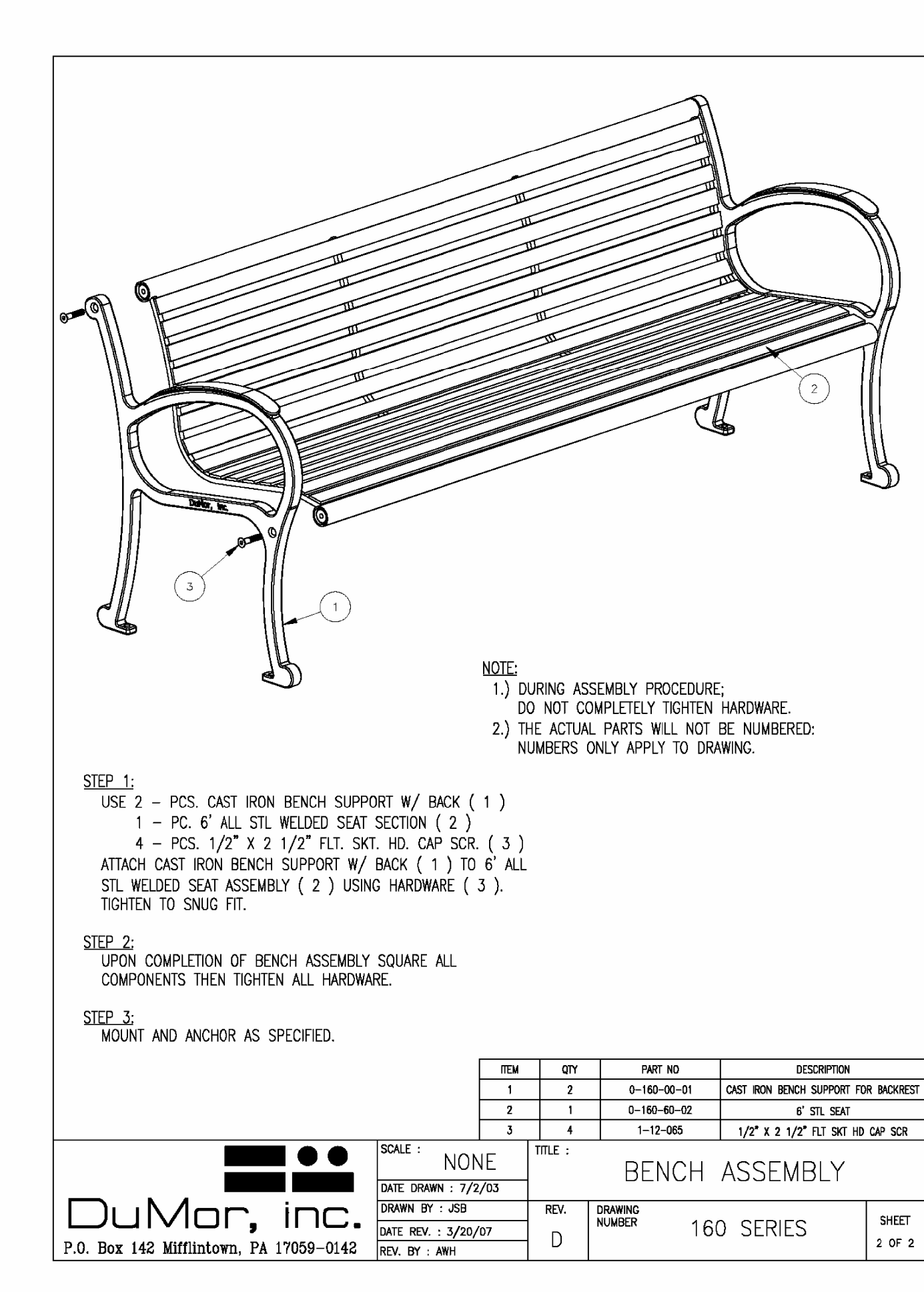
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OR APPROVED EQUAL



OR APPROVED EQUAL



OR APPROVED EQUAL

CONSTRUCTION DETAILS:
SHEET 8

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CITY OF OFFALLON
PERMIT NO: BSP25-00001
PROJECT #23444

8265 MEXICO ROAD,
OFFALLON, MO 63376

07-01-25
C34

STRAWBERRY FARMS

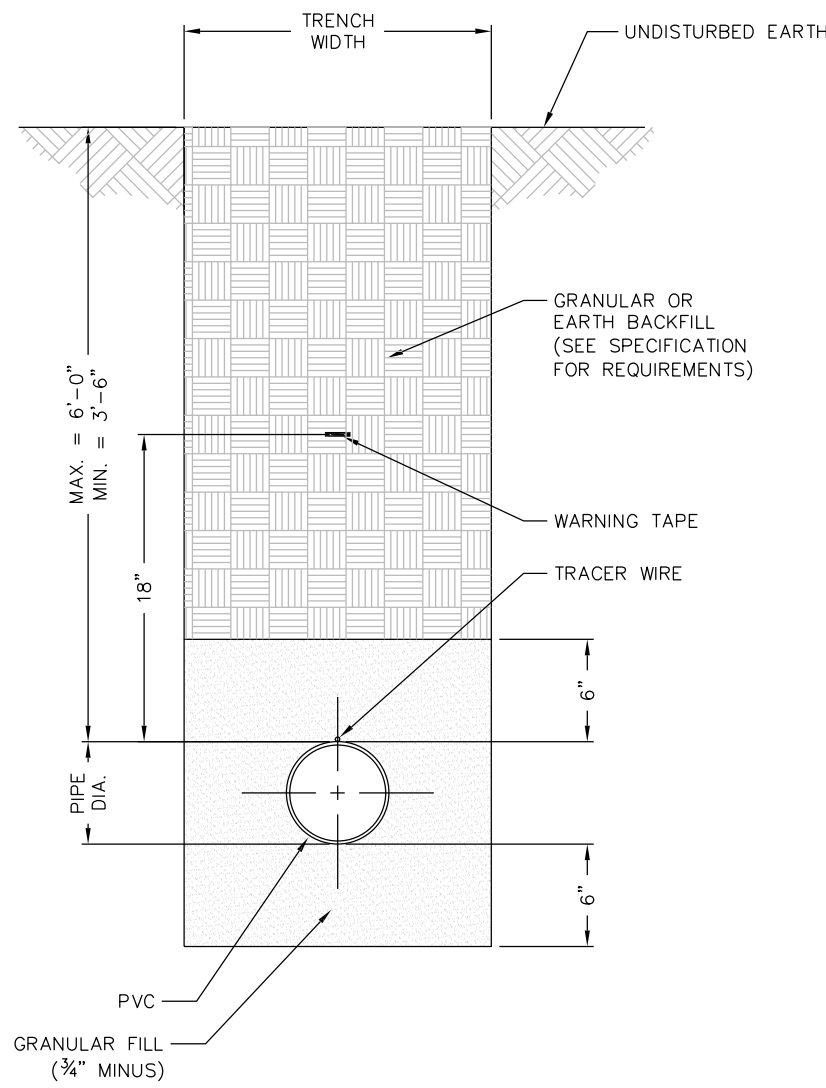
7/1/25
TIMOTHY J MEYER
Professional Engineer
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Revised 4-2-2017

NOTE: THIS DETAIL IS FROM PWSD#2

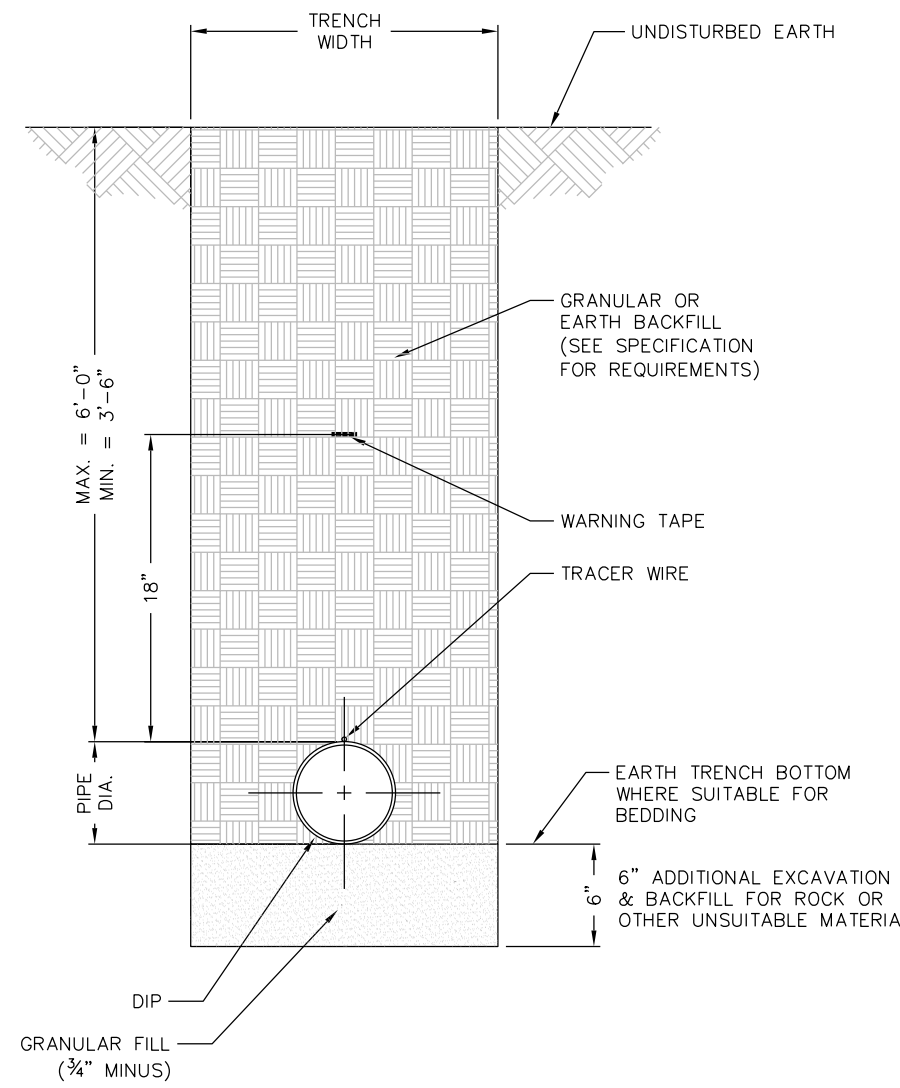


NOTES

- 1) SEE SPECIFICATIONS FOR ADDITIONAL DETAILS FOR BEDDING AND BACKFILL.

**TYPICAL TRENCH SECTION
FOR PVC PIPE
DETAIL "A"
PAGE 1 OF 2**

NOTE: THIS DETAIL IS FROM PWSD#2



NOTES

- 1) POLYWRAP REQUIRED FOR DUCTILE IRON PIPE
2) SEE SPECIFICATIONS FOR ADDITIONAL DETAILS FOR BEDDING AND BACKFILL.

**TYPICAL TRENCH SECTION
FOR DUCTILE IRON PIPE
DETAIL "A"
PAGE 2 OF 2**

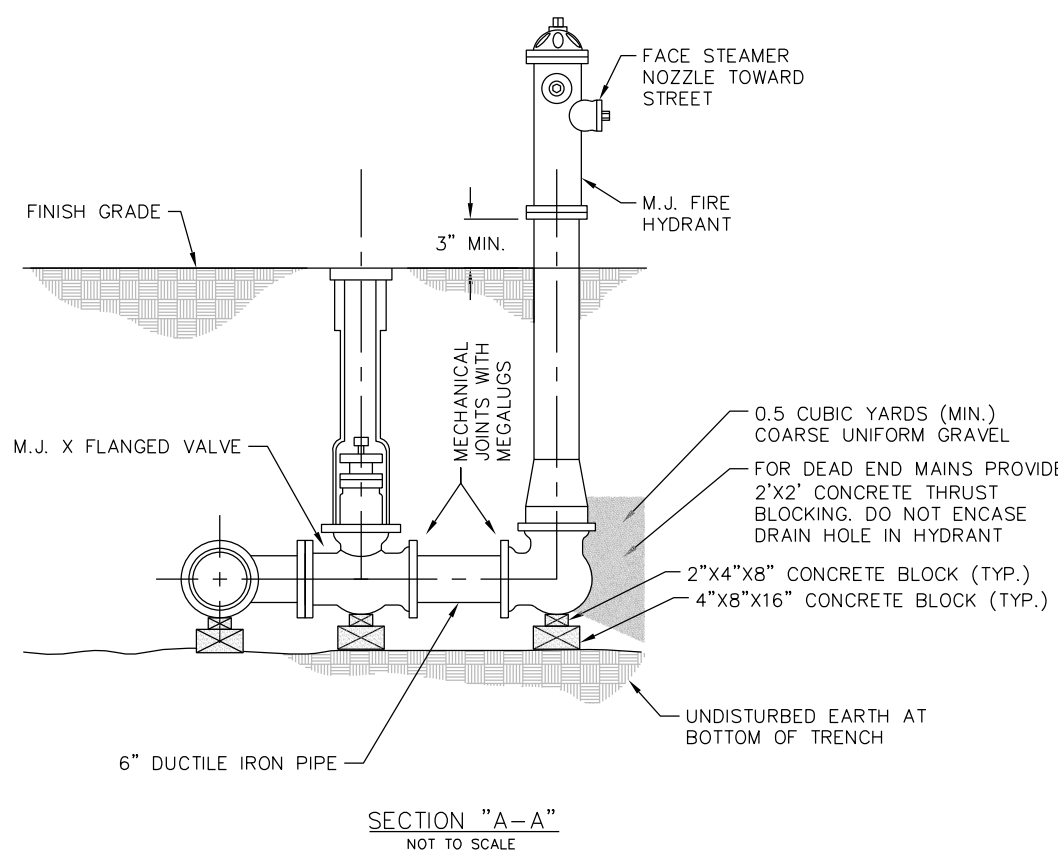
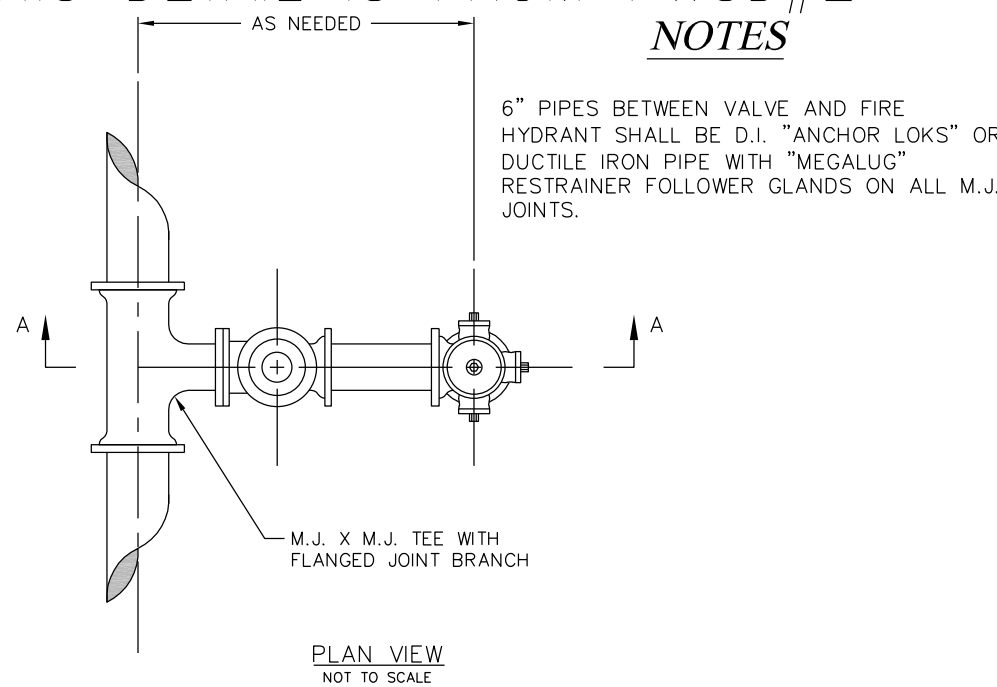


**TYPICAL WATER AND SEWER
SEPARATION
NOT TO SCALE**

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI
**WATER AND SEWER
SEPARATION DETAIL**

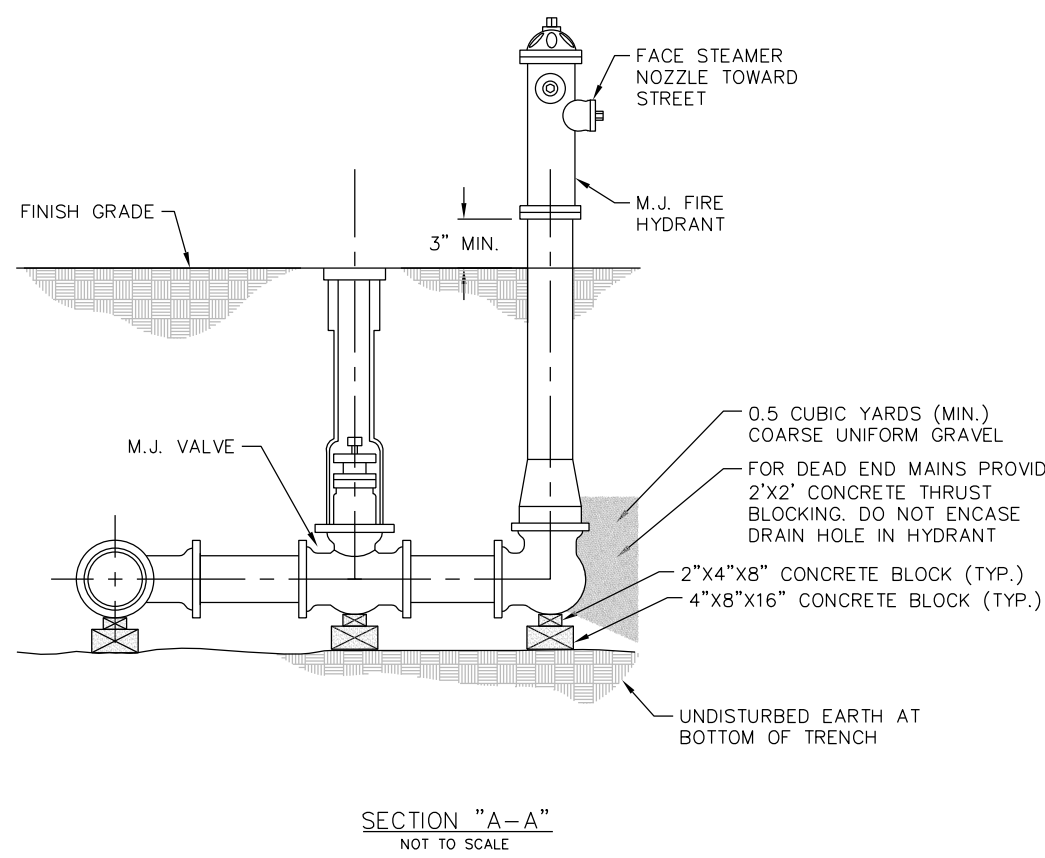
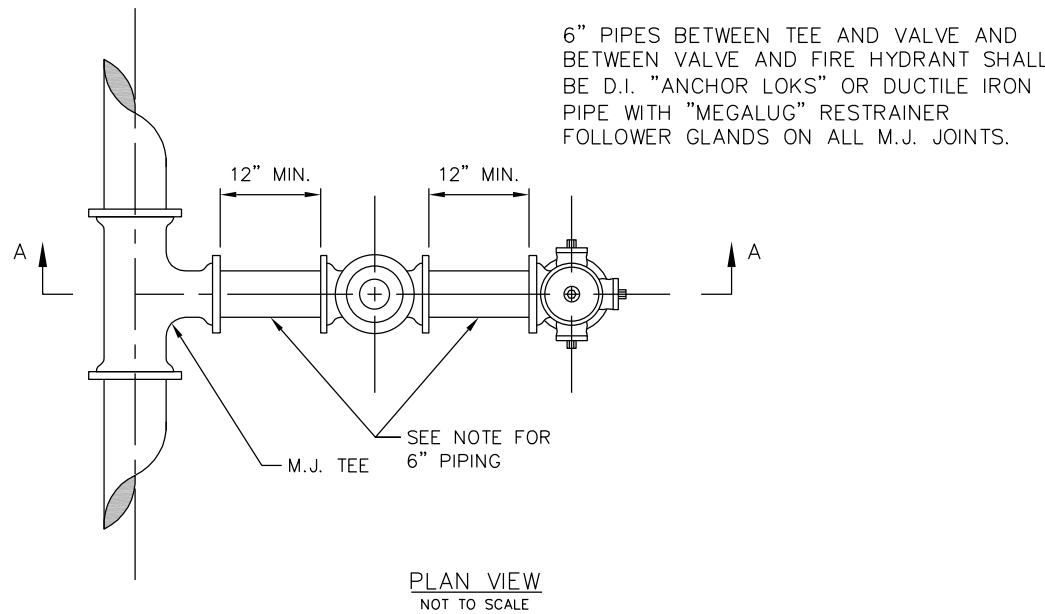
Ductile Iron Pipe installation shall follow the Ductile Iron Research Association (DIPRA) guide line.
The Installation of PVC Pipe shall follow the Uni-Bell PVC Pipe Association Handbook of PVC Design and Construction.

NOTE: THIS DETAIL IS FROM PWSD#2
NOTES



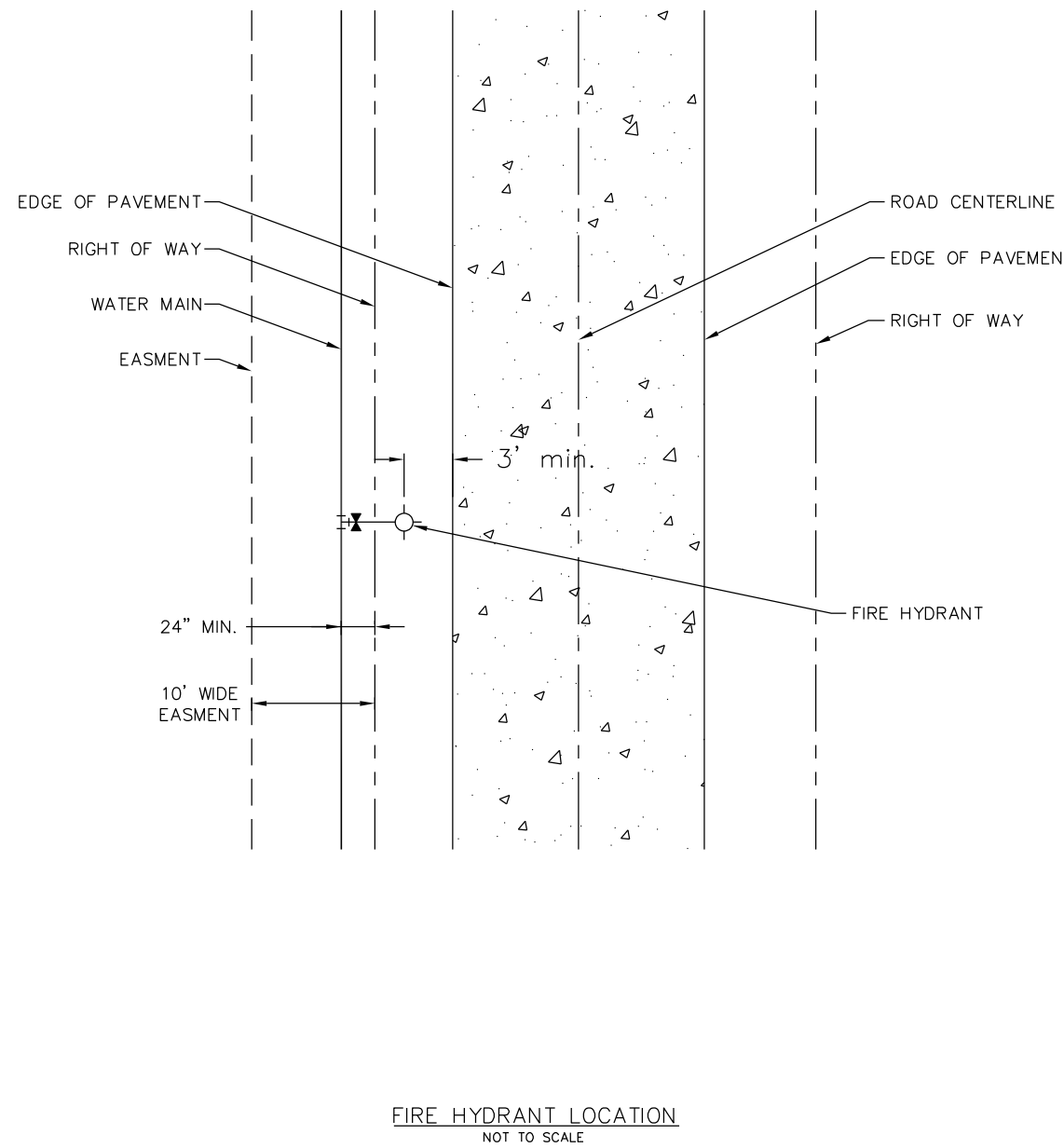
**FIRE HYDRANT DETAIL
DETAIL "B"
PAGE 1 OF 3**

NOTE: THIS DETAIL IS FROM PWSD#2
NOTES



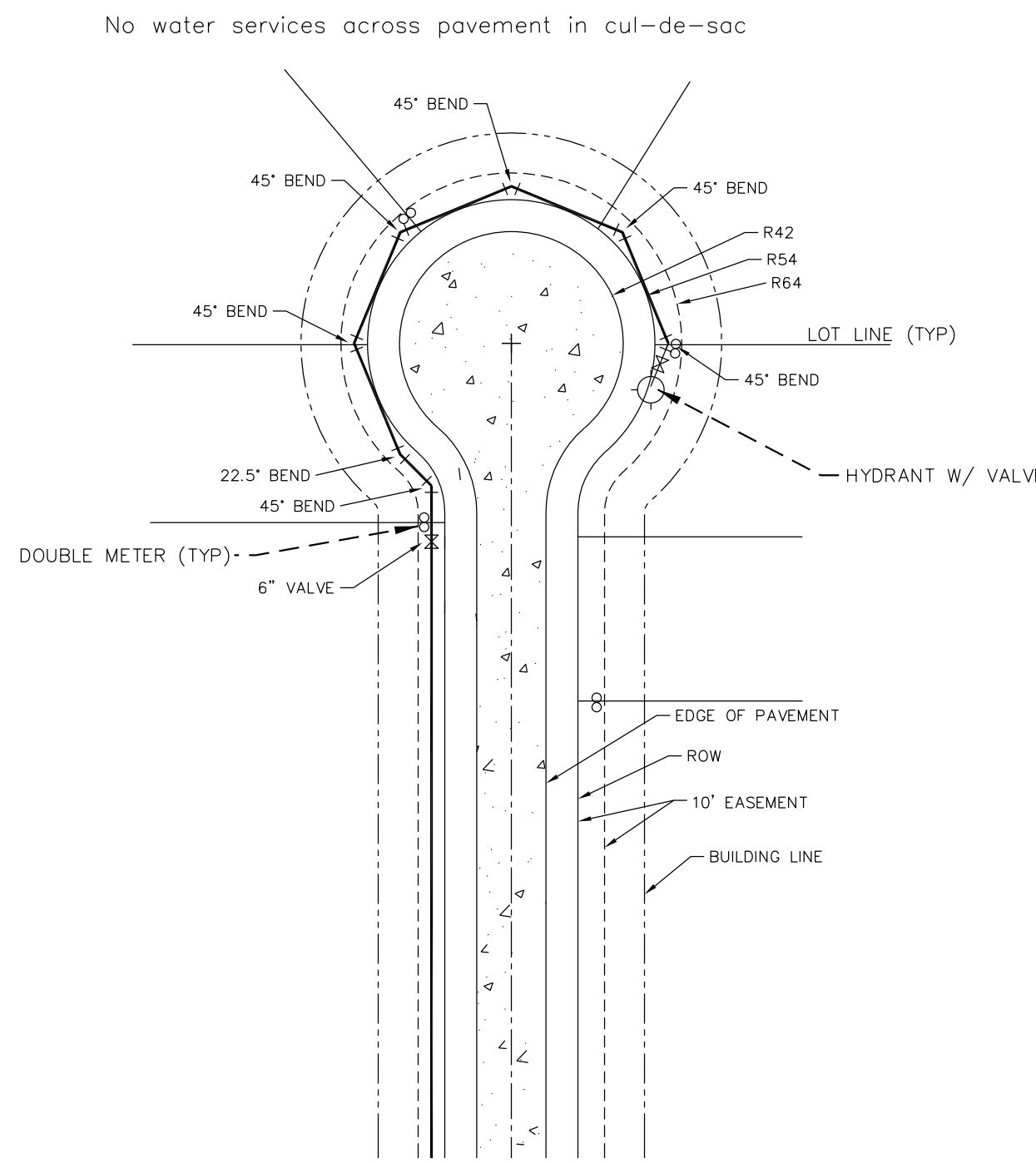
**FIRE HYDRANT DETAIL
DETAIL "B"
PAGE 2 OF 3**

NOTE: MODIFIED DETAIL FROM PWSD#2



**FIRE HYDRANT DETAIL
DETAIL "B"
PAGE 3 OF 3**

NOTE: MODIFIED DETAIL FROM PWSD#2



**SMALL COURT DETAIL
DETAIL "I"
PAGE 1 OF 2**

See Water Spec.at: www.ofallonmo.gov/departments/water_and_sewer/o_fallon_s_water_system.php

**WATER DETAILS:
SHEET 1**

PARCEL ID: 23115-176-00-0024.5
CITY OF O'FALLON
PERMIT NO: 65925-00001
PROJECT #23444
8265 MEXICO ROAD,
O'FALLON, MO 63376

07-01-25
C35

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