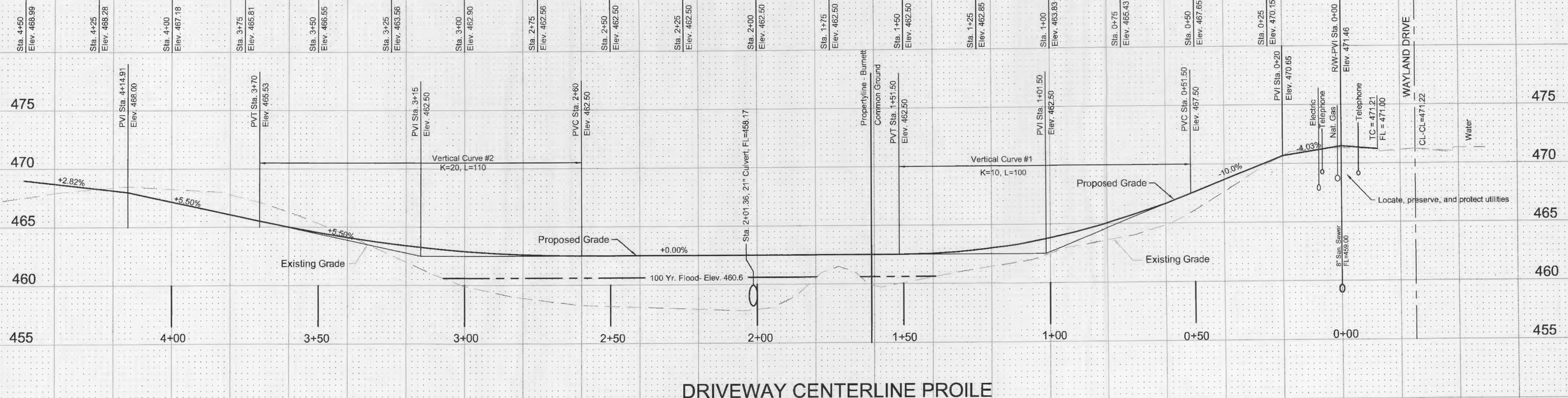


Driveway Earthwork Volumes

Cut = 82 cy
 Fill = 847 cy
 Shrinkage (18%) = 152 cy
 Required from On-site borrow = 917 cy

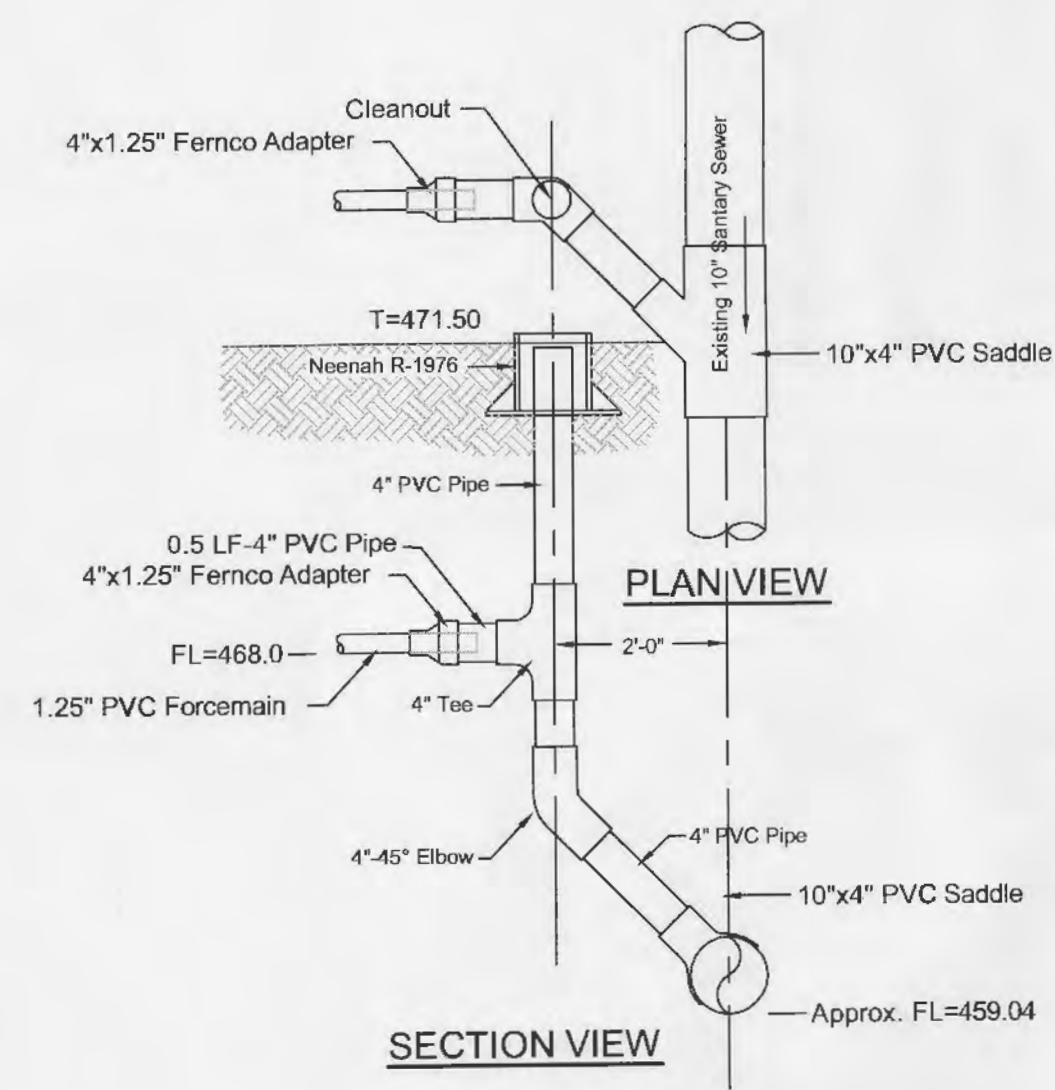
Cut below BFE (460.6) = 0
 Portion of Fill below BFE = 474 cy



DRIVEWAY CENTERLINE PROILE

SCALE: Horiz. 1"=20', Vert. 1"=5'

The culvert pipe under the driveway was designed for the 15 year rainfall event. Rainfall events with a probability greater than once every 15 years may overtop the road and roadway fill. A backup of floodwater from Peruque Creek will increase the likelihood of overtopping. The driveway may be impassable for short periods of time during these infrequent events.

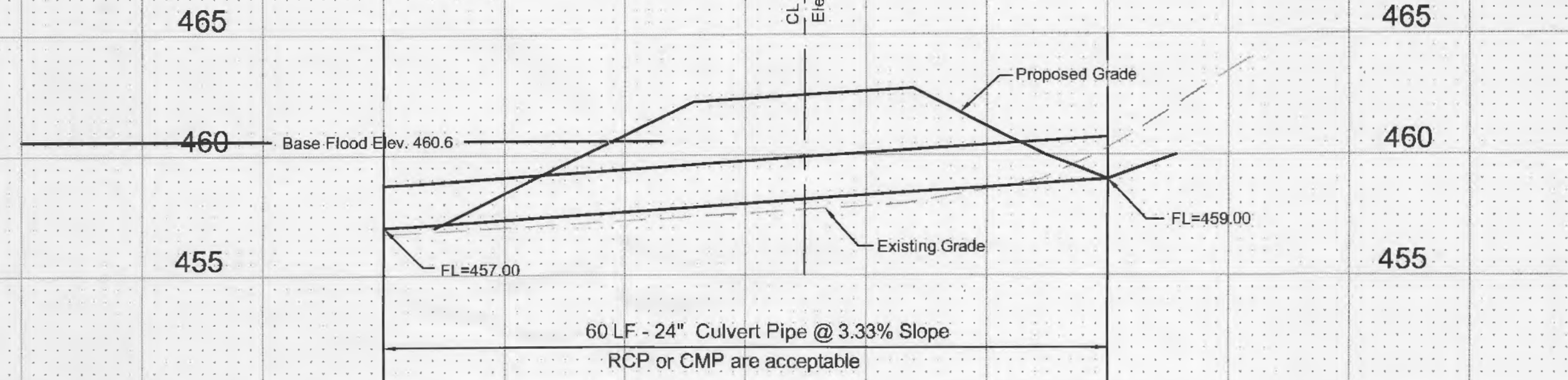


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Underground facilities, structures & utilities have been plotted from available surveys, records & information, and therefore, do not necessarily reflect the actual existence, nonexistence, size, type, number of, or location of these facilities, structures, & utilities.

The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, & utilities, either shown or not shown on these plans. The underground facilities, structures, & utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 319, RSMO.

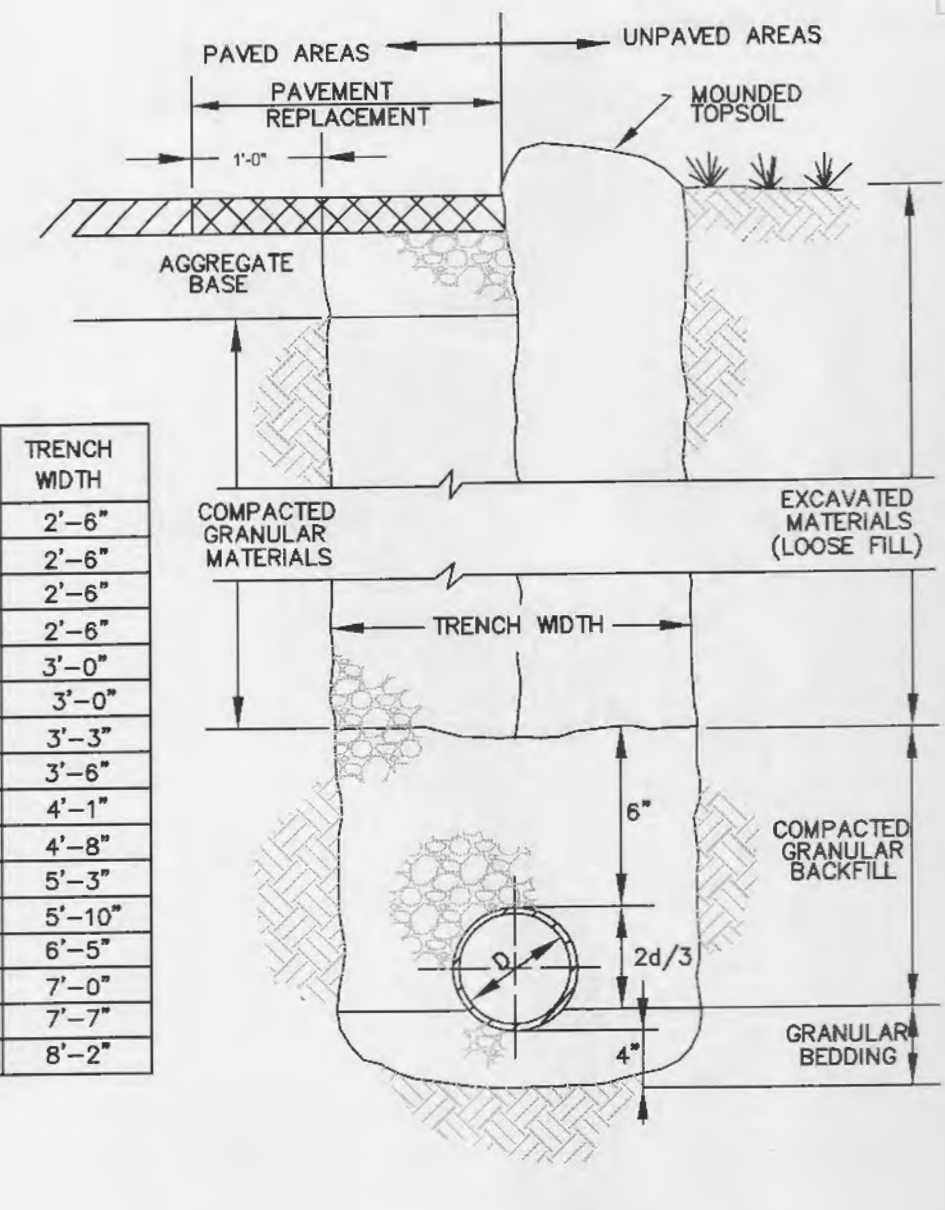


CULVERT PROFILE

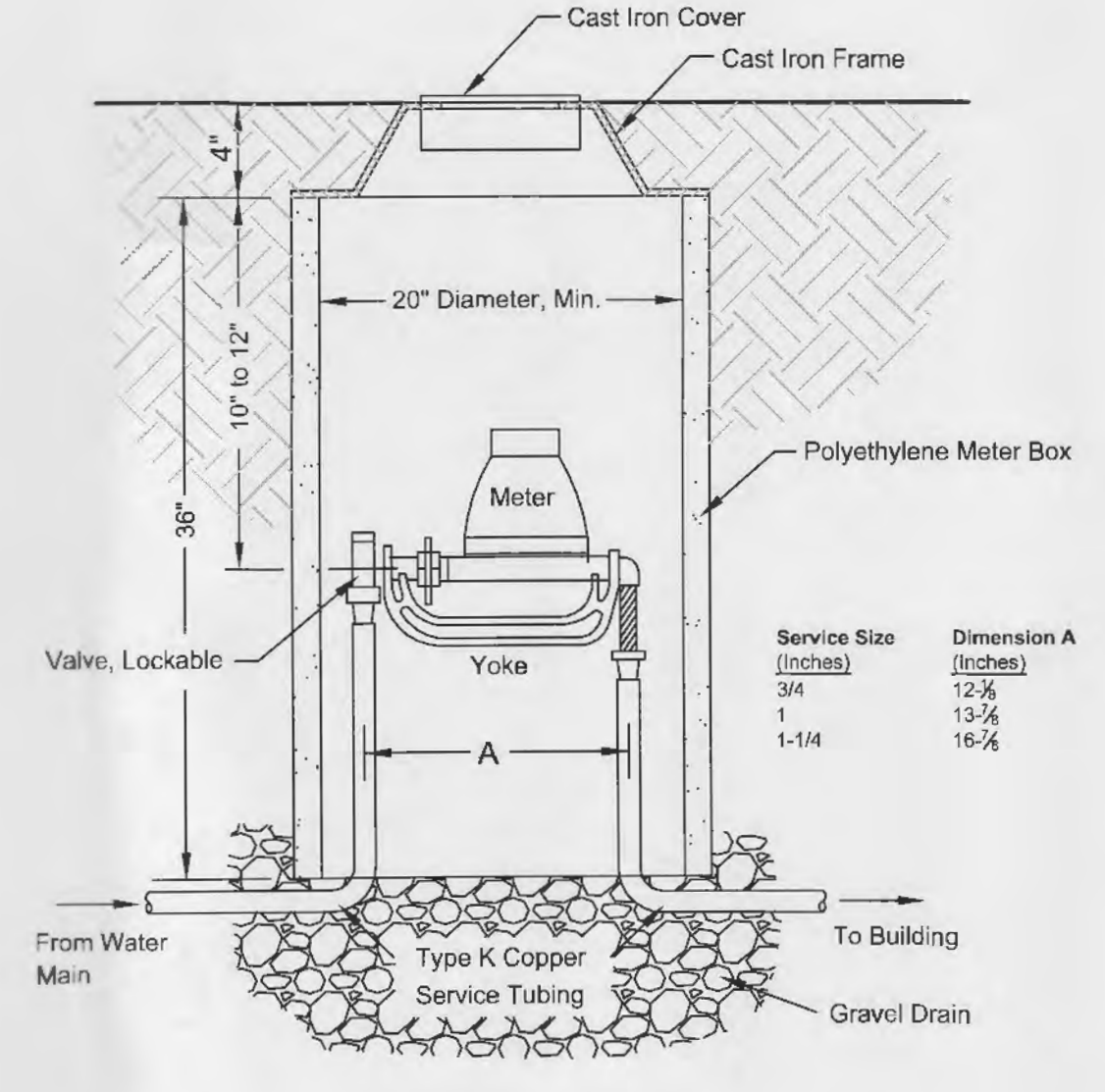
SCALE: Horiz. 1"=10', Vert. 1"=5'

Construction Note:
 Roadway fill shall be placed above the springline of the pipe before installing the pipe. Care shall be taken not to run heavy machinery over the top of the pipe under sufficient cover is placed to keep from crushing or damaging the pipe.

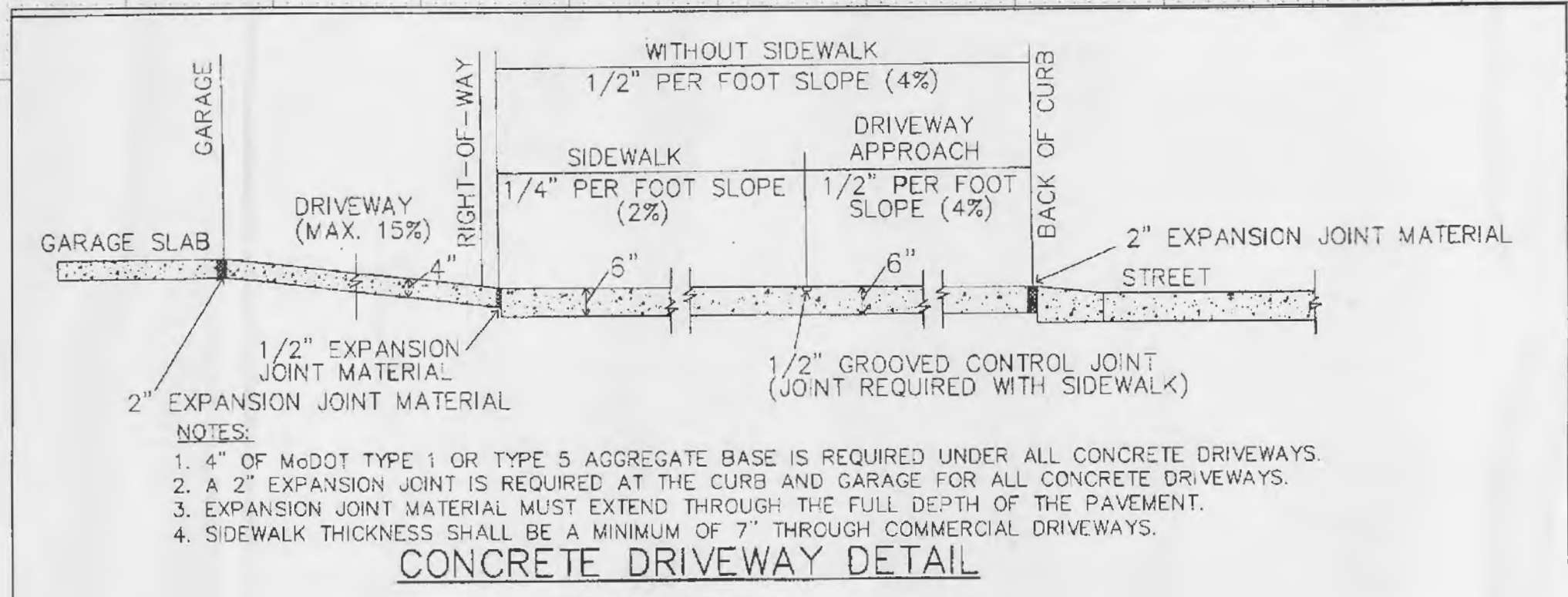
CONDUIT DIAMETER	TRENCH WIDTH
6	2'-6"
8	2'-6"
10	2'-6"
12	2'-6"
15	3'-0"
18	3'-0"
21	3'-3"
24	3'-6"
30	4'-1"
36	4'-8"
42	5'-3"
48	5'-10"
54	6'-5"
60	7'-0"
66	7'-7"
72	8'-2"



UTILITY TRENCH
 NOT TO SCALE

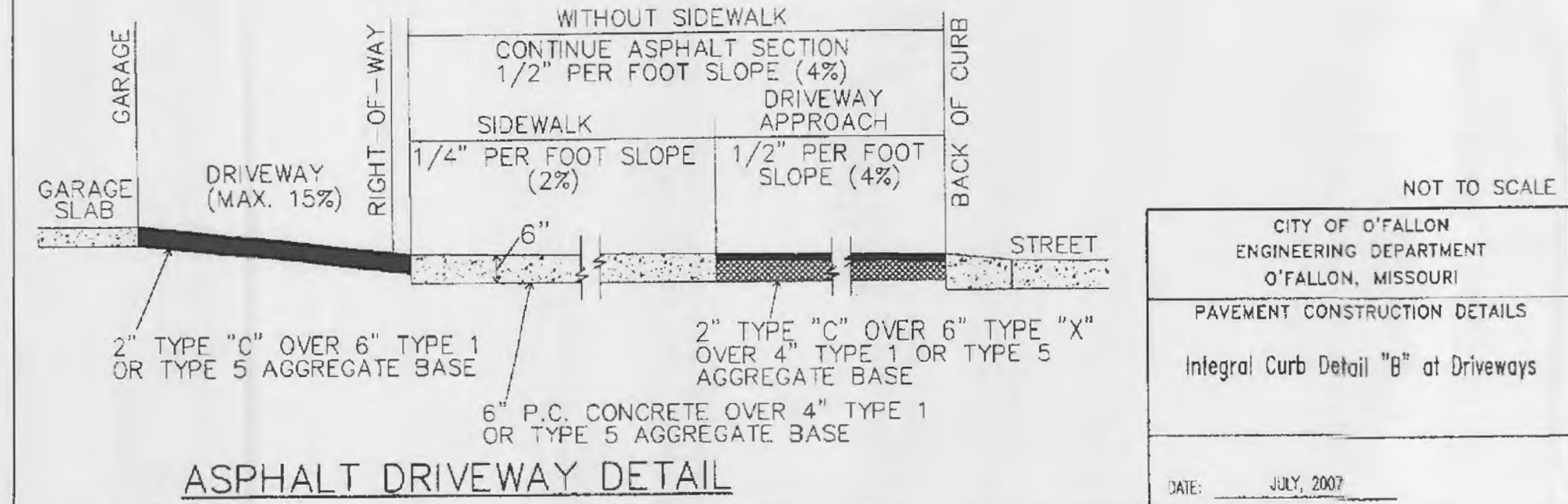


WATER METER
 3/4" to 1-1/4"



CONCRETE DRIVEWAY DETAIL

- NOTES:
1. 4" OF MODOT TYPE 1 OR TYPE 5 AGGREGATE BASE IS REQUIRED UNDER ALL CONCRETE DRIVEWAYS.
 2. A 2" EXPANSION JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL CONCRETE DRIVEWAYS.
 3. EXPANSION JOINT MATERIAL MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
 4. SIDEWALK THICKNESS SHALL BE A MINIMUM OF 7" THROUGH COMMERCIAL DRIVEWAYS.



ASPHALT DRIVEWAY DETAIL

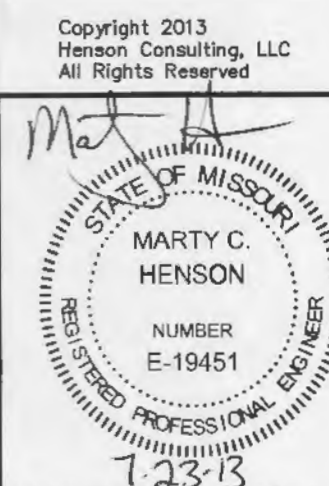
NOT TO SCALE

CITY OF FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS

Integral Curb Detail "B" at Driveways

DATE: JULY 2007



NO.	DATE	BY	DESCRIPTION
2	7-23-13	MCH	Removed HDPE culvert pipe as option, City comments 7-18-13
1	7-1-13	MCH	Added earthwork quantity estimate, increased culvert diameter to 24"

Driveway and Culvert Profile & Details
Hyland Green Plat #1 Common Ground
 1600 Koch Road, St. Charles, MO 63386
 Prepared for: **Nathan & Lara Burnett**
 60 Gocke Place, St. Louis, MO 63114, 314-610-4212

Designed: MCH
 Drawn: MCH
 Checked: MCH
 Date: April 18, 2013

Project Number: **12001**
 Sheet Number: **5 of 9**

HENSON CONSULTING, LLC
 CIVIL ENGINEERING-LAND PLANNING-PROJECT MANAGEMENT
 2317 OSSENFORT ROAD, GLENCOE, MO 63038
 Office: 636-458-4402, Fax: 636-458-4401, Cell: 636-399-6444, EMAIL: mh@sbglobal.net