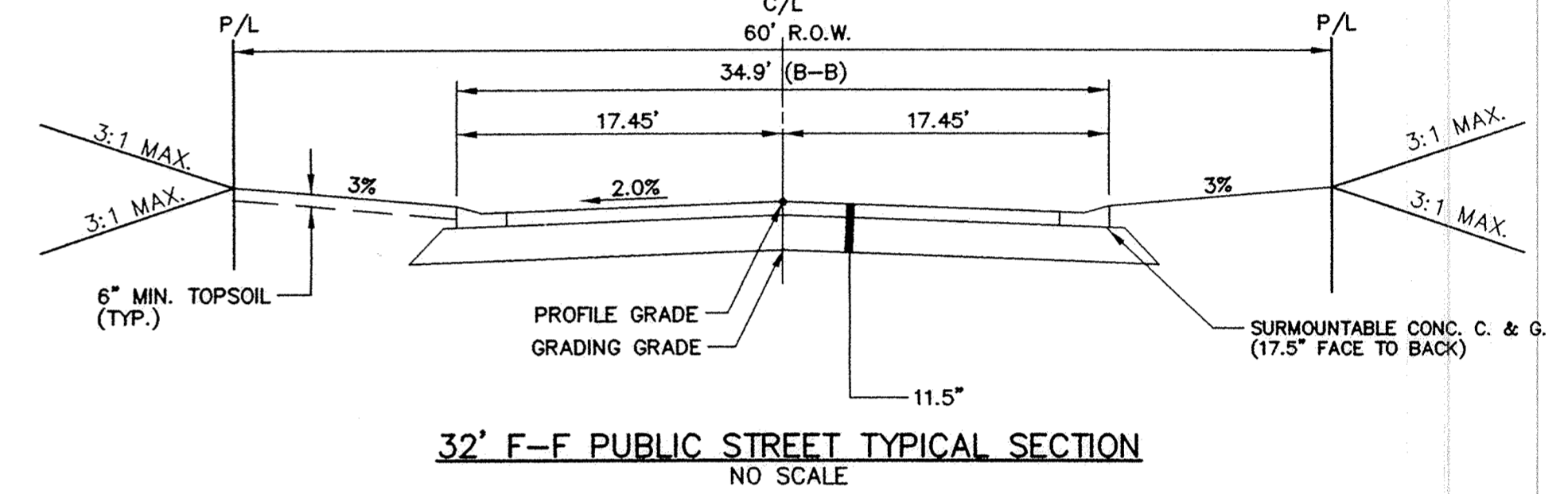


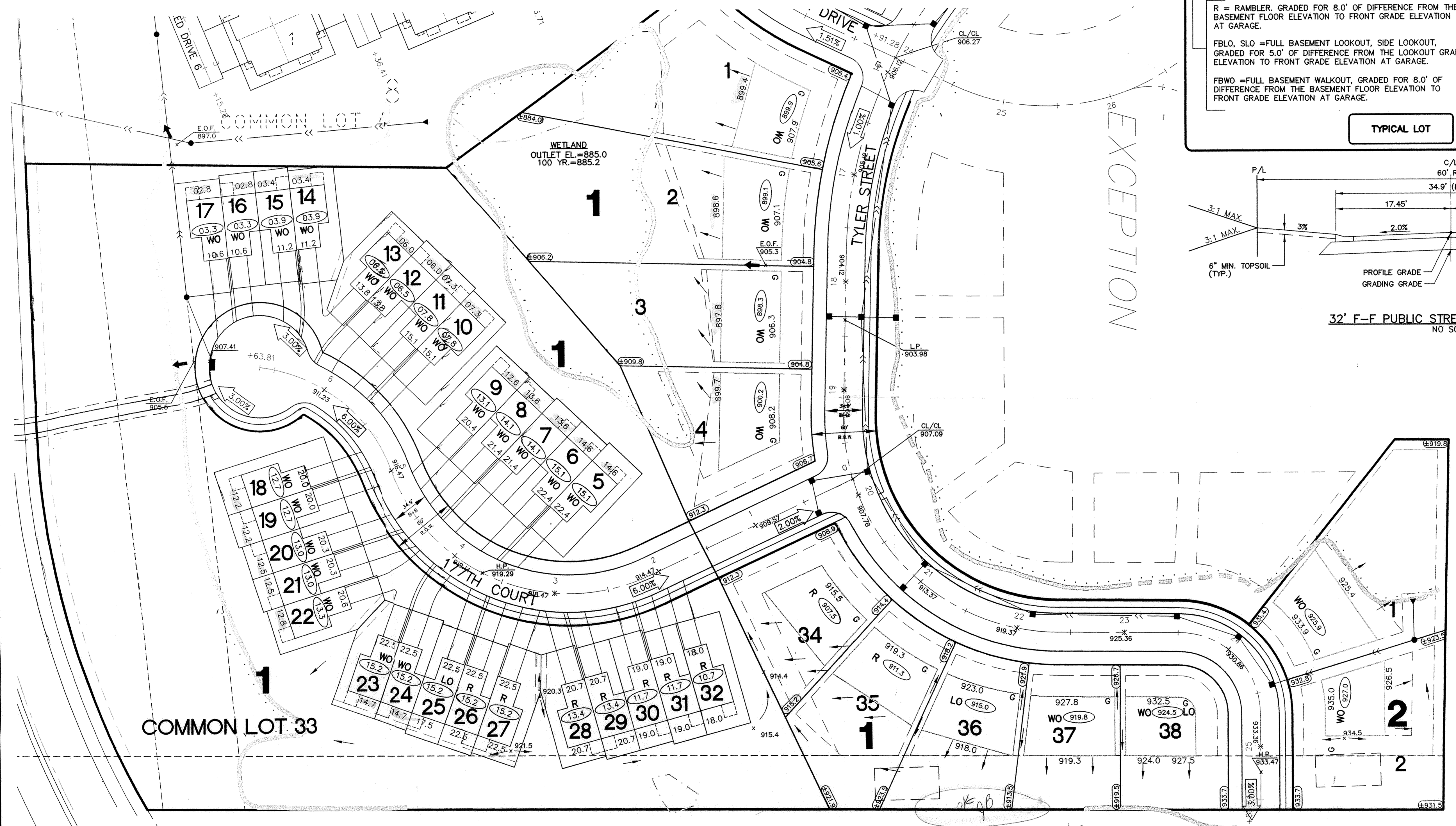
- LEGEND:**
- DENOTES SOIL BORING
 - DENOTES SILT FENCE
 - DENOTES TREE PROTECTION FENCE
 - DENOTES EXISTING CONTOURS
 - DENOTES PROPOSED CONTOURS
 - DENOTES EXISTING STORM SEWER
 - DENOTES PROPOSED STORM SEWER
 - DENOTES EXISTING TREE LINE
 - DENOTES APPROXIMATE TREE REMOVAL LIMITS
 - DENOTES EXISTING SPOT ELEVATION
 - DENOTES PROPOSED SPOT ELEVATION
 - DENOTES BALE CHECKS AROUND CATCH BASINS
 - DENOTES EMERGENCY OVERFLOW ELEVATION



- TYPICAL STREET SECTION**
NO SCALE
- 1-1/2" TYPE 41A PLANT MIXED BITUMINOUS WEARING COURSE
 - TACK COAT, MnDOT 2357
 - 2" TYPE 41A PLANT MIXED BITUMINOUS BASE COURSE
 - 8" GRAVEL BASE CLASS 5 MODIFIED (100% CRUSHED)
 - SUBGRADE PREPARATION

STORM SEWER CASTING SCHEDULE

NUMBER	FLOW LINE ELEV.	INVERT ELEV.
CB 156	906.50	898.50
CB 157	907.26	903.19 S 902.99 NW
CB 157A	907.26	903.26
CBMH 175	903.52	899.09 N/E 899.5 W 899.29 S
CB 176	903.52	899.64
CB 177	902.00	899.15
CBMH 178	906.51	902.33
CBMH 179	907.28	903.83 S 906.63 E
CB 180	907.42	904.14
CBMH 181	912.40	908.33 SW 908.14 SE 908.13 NW
CBMH 182	912.40	908.49
CBMH 183	919.67	915.47
CBMH 183A	928.13	918.76
CBMH 184	930.41	918.94
CBMH 185	931.95	919.07
CBMH 186	923.50	919.42
FES 187	N/A	919.50



Call 48 Hours before digging:
GOPHER STATE ONE CALL
Twin City Area 651-454-0002
Mn. Toll Free 1-800-252-1166

Date: 5/20/04 Sheet: 1 OF 1

Trott Brook Crossing
Elk River, Minnesota

Development Plan
APPROVED
John Demme
8-6-04
Howard R. Green Co.

BOGART, PEDERSON & ASSOCIATES, INC.
LAND SURVEYING
CIVIL ENGINEERING
MAPPING
13076 FIRST STREET, BECKER, MN 55308-9322
TEL: 763-262-8822 FAX: 763-262-8844

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
Christopher C. Ottersen
Christopher C. Ottersen
Date: 7-27-04 License No. 41961

Revisions:

1	6/1/04	ADDED PAD DETAIL
2	7/27/04	REVISED PAD ELEVATIONS

Designed: JMM
Checked: FDH, II
Drawn: RNS
Record Drawing by/date:

Prepared for:
Strong Built Townhomes
P.O. Box 410
Anoka, MN 55303

change from 6-3-04 approval D.P.

*where does this water go
913.5 to where
which path*