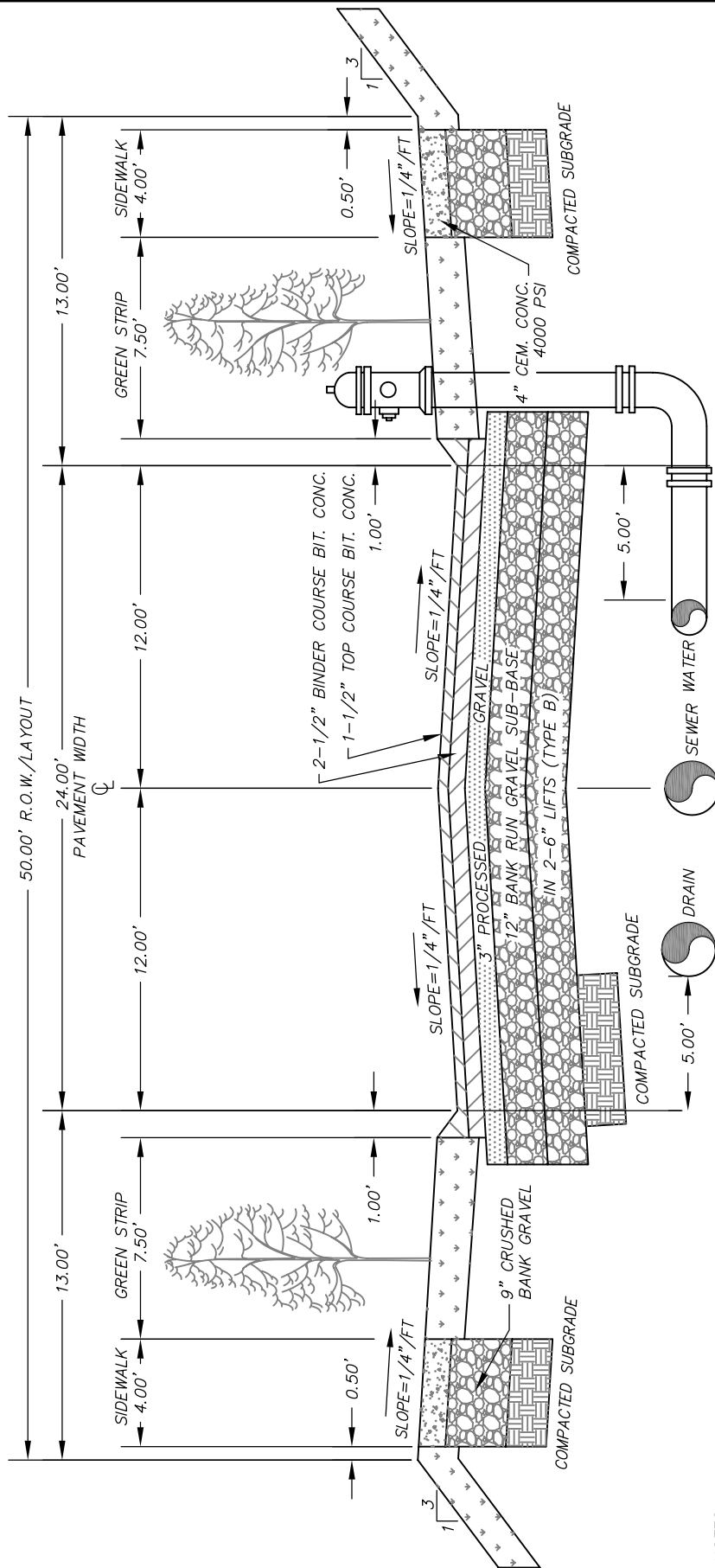




NOTES:

- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
- SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
- DRAIN LINES SHALL BE LOCATED 5' OFF THE FACE OF THE BERM ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
- WATER MAINS SHALL BE LOCATED 5' OFF THE FACE OF BERM ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
- HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF BERM.
- WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF BERM.

**TYPICAL CROSS-SECTION
RESIDENTIAL COLLECTOR STREET WITH BERM
(50 OR MORE HOMES)
N.T.S.**



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

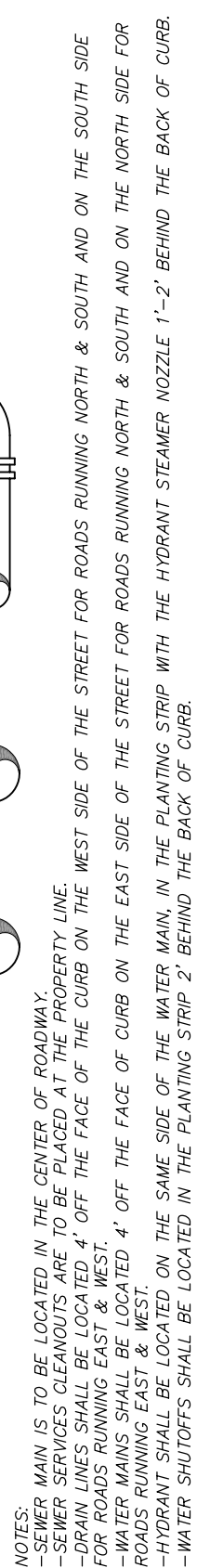
**PLANNING
BOARD**

DATE:
MARCH 27, 2007

**TYPICAL CROSS-SECTION
RESIDENTIAL COLLECTOR STREET WITH BERM
(50 OR MORE HOMES)**

APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-2

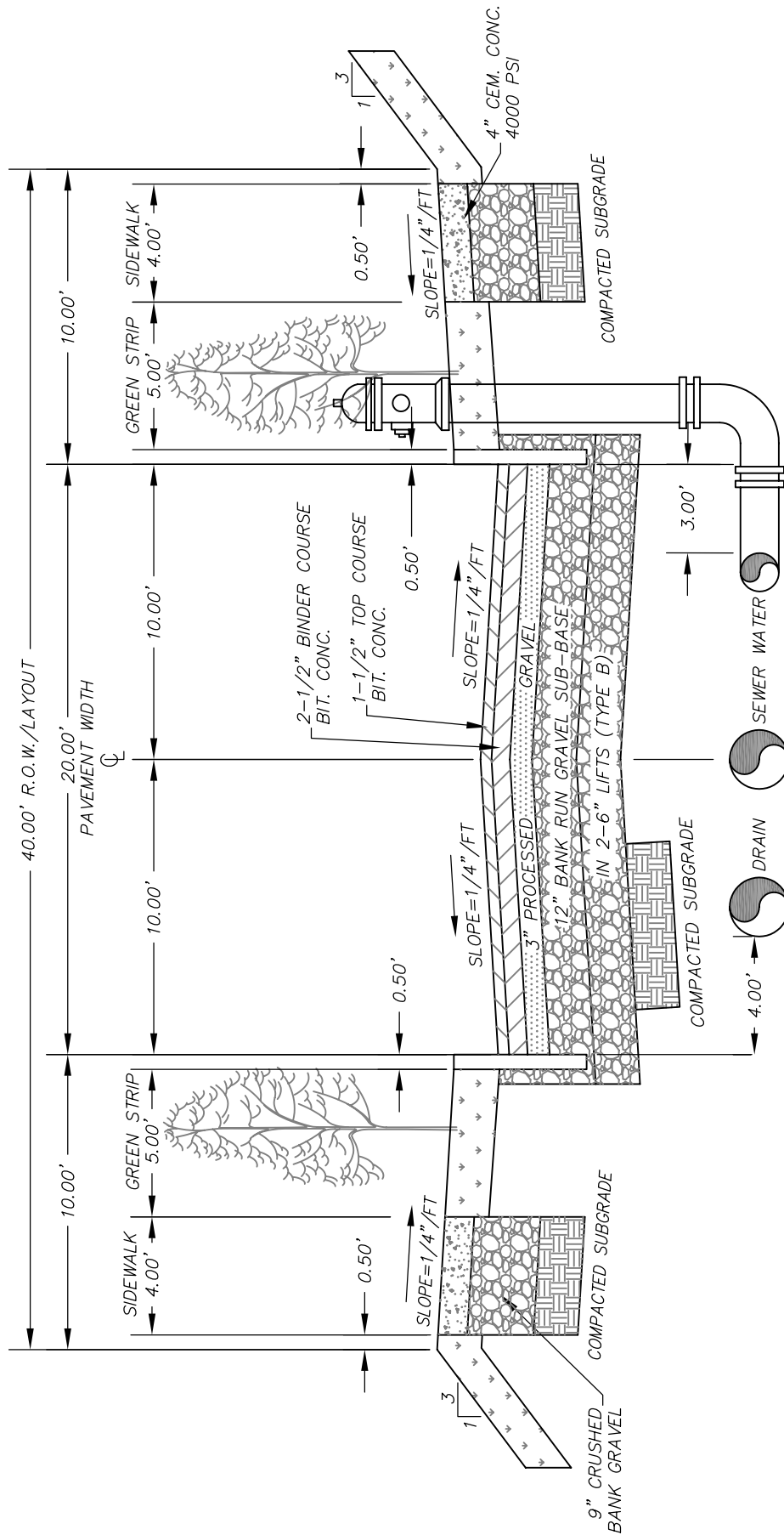


**TYPICAL CROSS-SECTION
RESIDENTIAL MINOR STREET WITH CURB
(11-49 HOMES)
N.T.S.**



TYPICAL CROSS-SECTION
RESIDENTIAL MINOR STREET WITH CURB
(11-49 HOMES)

DRAWING NO.:
C-3



NOTES:
 -SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
 -SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
 -DRAIN LINES SHALL BE LOCATED 4' OFF THE FACE OF THE CURB ON THE WEST SIDE OF THE CURB ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
 -WATER MAINS SHALL BE LOCATED 3' OFF THE FACE OF CURB ON THE EAST SIDE OF THE CURB ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
 -HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF CURB.
 -WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF CURB.

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH CURB (10 HOMES OR LESS) N.T.S.



TOWN OF FAIRHAVEN
 40 CENTER STREET
 FAIRHAVEN, MA 02719

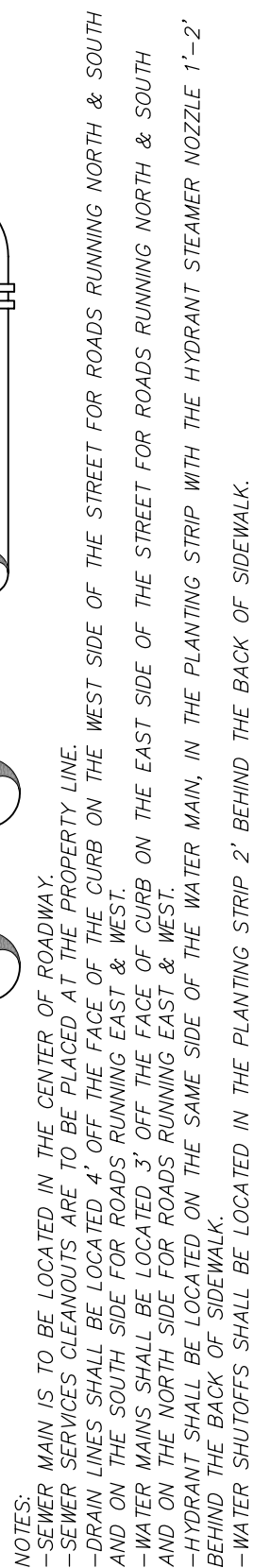
PLANNING BOARD

DATE:
 MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION
 RESIDENTIAL LANE WITH CURB
 (10 HOMES OR LESS)

DRAWING NO.:
 C-5



TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH CURB
(10 HOMES OR LESS)
SIDEWALK AGAINST CURB

N. T. S.



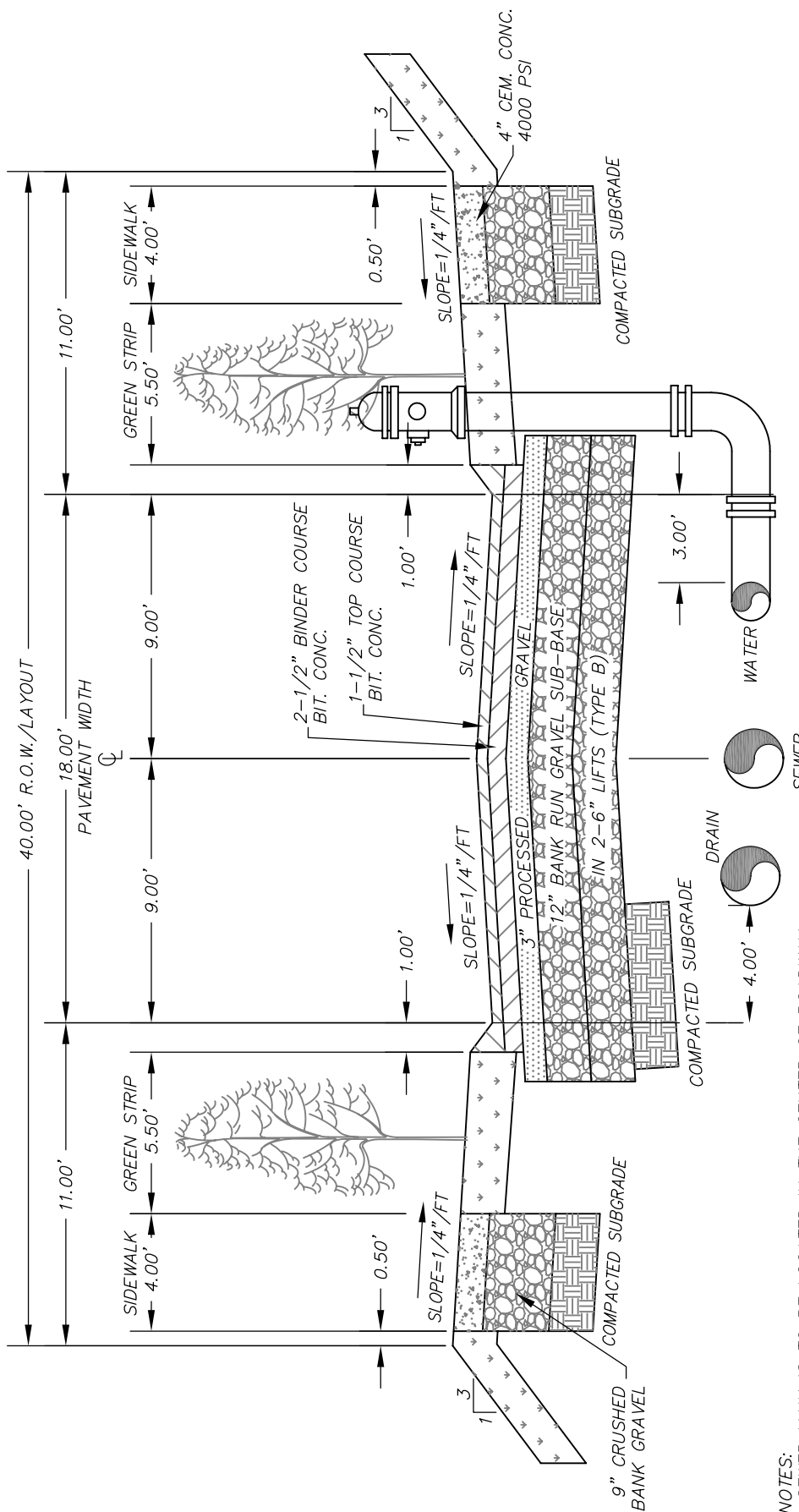
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DATE:
MARCH 27, 2007

TYPICAL CROSS-SECTION
RESIDENTIAL LANE WITH CURB (10 HOMES
OR LESS) SIDEWALK AGAINST CURB

APPENDIX C – STREET DESIGN DRAWING

DRAWING NO.:
C-6



NOTES:

- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
- SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
- DRAIN LINES SHALL BE LOCATED 4' OFF THE FACE OF THE BERM ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
- WATER MAINS SHALL BE LOCATED 3' OFF THE FACE OF BERM ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
- HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF BERM.
- WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF BERM.

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH BERM (10 HOMES OR LESS) N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

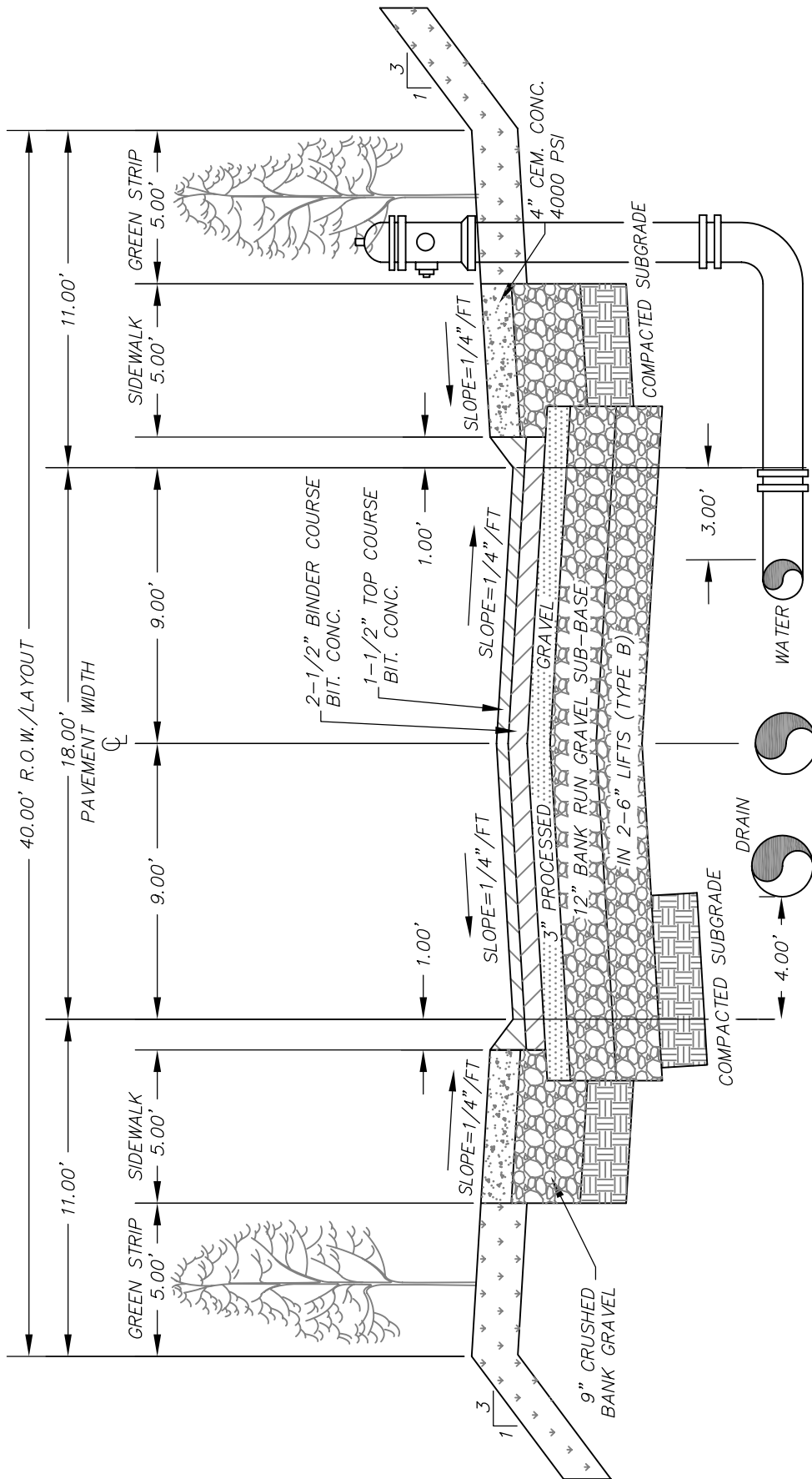
PLANNING BOARD

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH BERM (10 HOMES OR LESS)

DRAWING NO.:
C-7



NOTES:

- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
- SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
- DRAIN LINES SHALL BE LOCATED 4' OFF THE FACE OF THE BERM ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
- WATER MAINS SHALL BE LOCATED 3' OFF THE FACE OF BERM ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
- HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF SIDEWALK.
- WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF SIDEWALK.

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH BERM (10 HOMES OR LESS) SIDEWALK AGAINST BERM

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

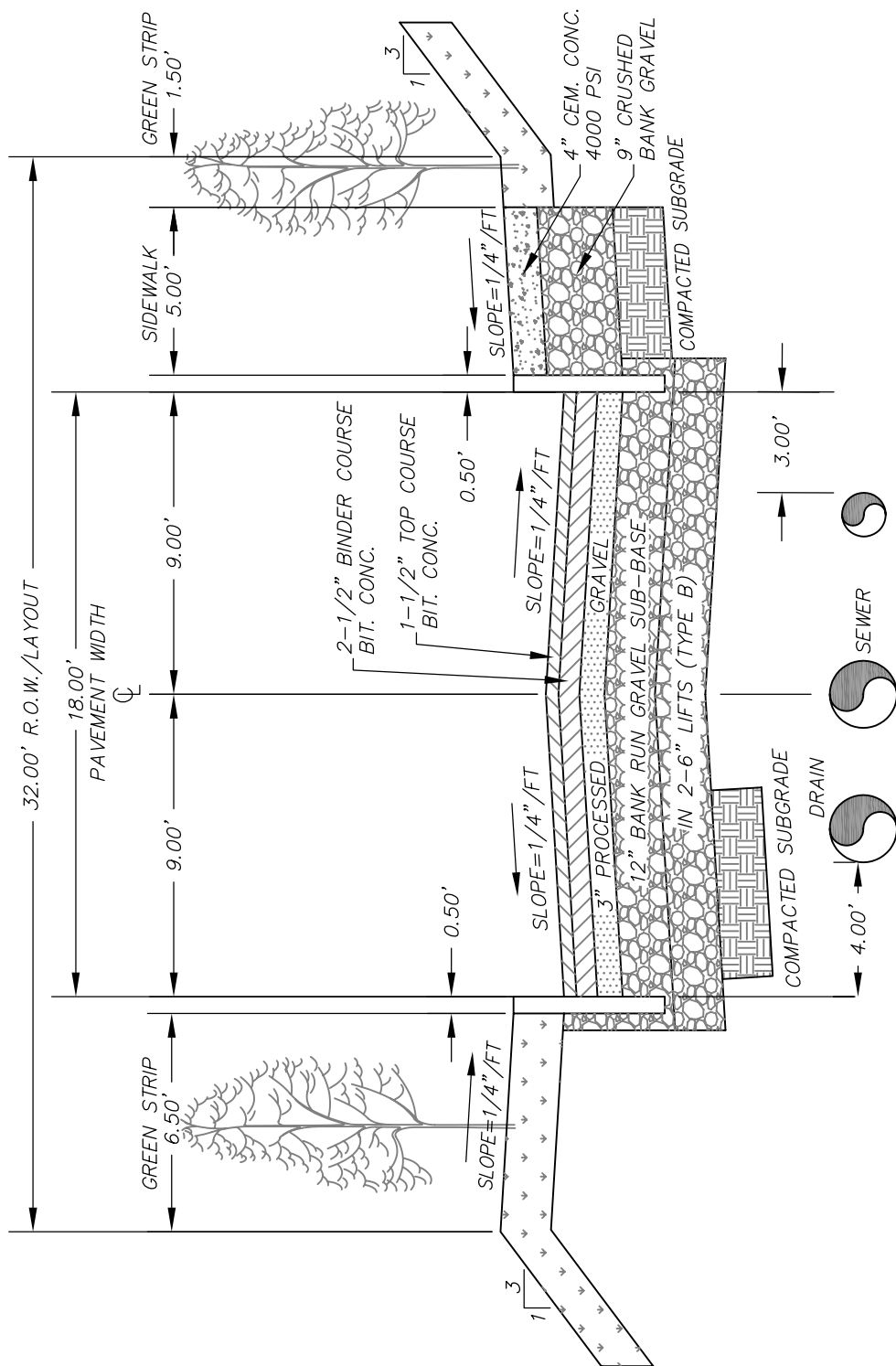
PLANNING BOARD

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION
RESIDENTIAL LANE WITH BERM (10 HOMES
OR LESS) SIDEWALK AGAINST BERM

DRAWING NO.:
C-8



NOTES:
 -SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
 -SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
 -DRAIN LINES SHALL BE LOCATED 4' OFF THE FACE OF THE CURB ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
 -WATER MAINS SHALL BE LOCATED 3' OFF THE FACE OF CURB ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
 -HYDRANT SHALL BE LOCATED AT THE END OF THE ROADWAY WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF SIDEWALK OR CURB.
 -WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF SIDEWALK.

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH CURB (3 HOMES OR LESS)

N.T.S.



TOWN OF FAIRHAVEN
 40 CENTER STREET
 FAIRHAVEN, MA 02719

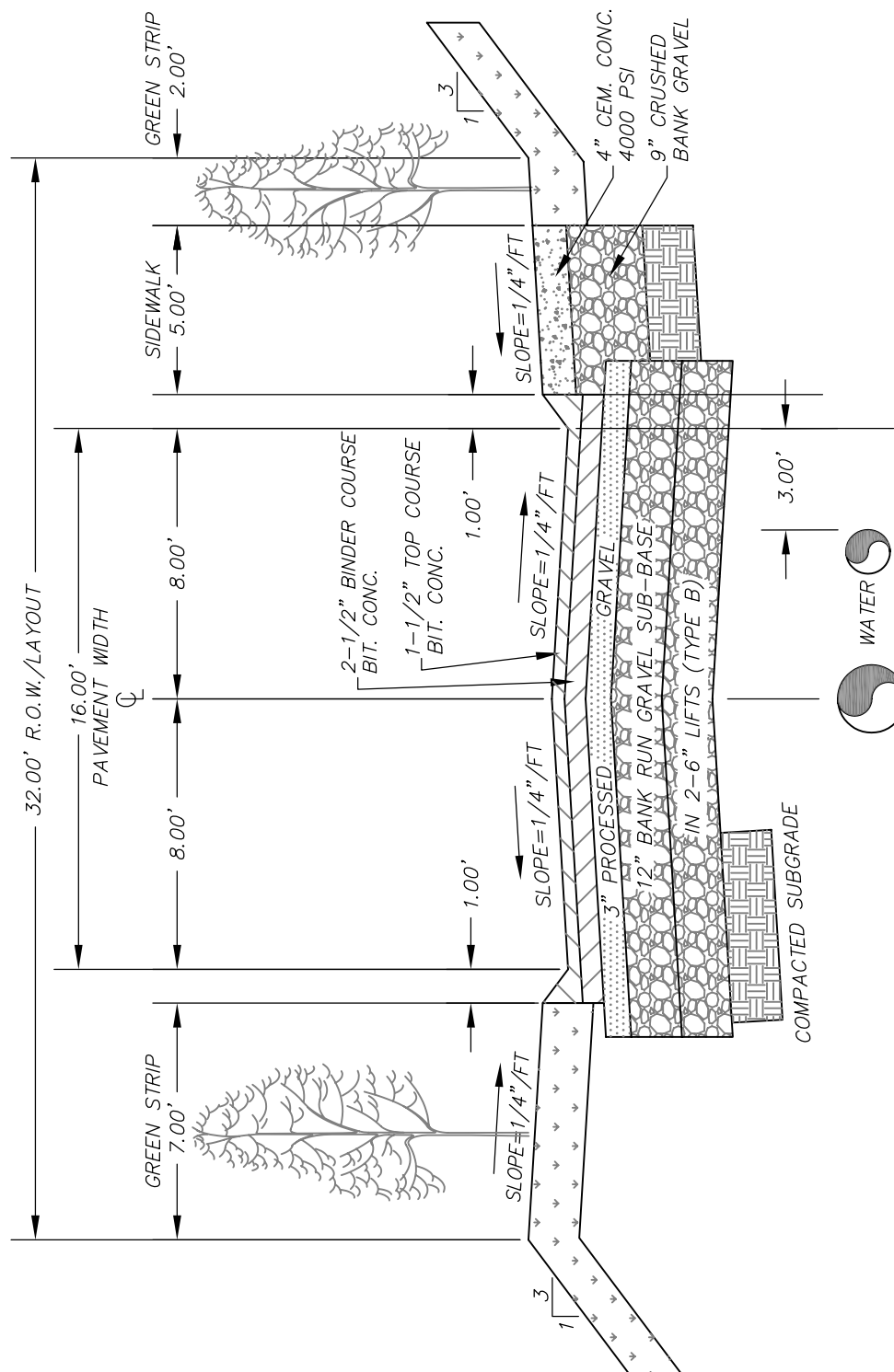
PLANNING BOARD

DATE:
 MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH CURB (3 HOMES OR LESS)

DRAWING NO.:
 C-9



NOTES:

- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
- SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
- LOCATION OF DRAIN LINES WILL BE DETERMINED ON A CASE BY CASE BASIS ON A 16' WIDE ROAD.
- WATER MAINS SHALL BE LOCATED 3' OFF THE FACE OF BERM ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
- HYDRANT SHALL BE LOCATED AT THE END OF THE ROADWAY WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF SIDEWALK OR BERM.
- WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF SIDEWALK.

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH BERM (3 HOMES OR LESS)

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

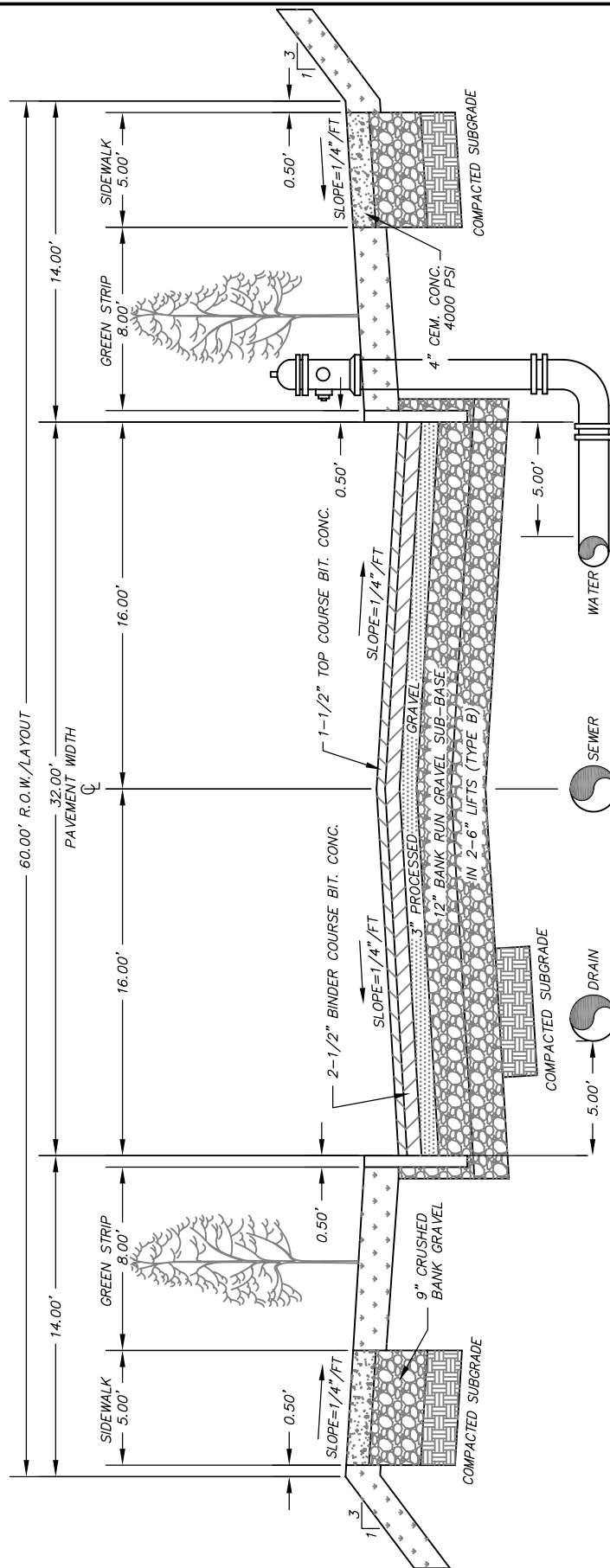
PLANNING BOARD

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION RESIDENTIAL LANE WITH BERM (3 HOMES OR LESS)

DRAWING NO.:
C-10



- NOTES:
- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
 - SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
 - DRAIN LINES SHALL BE LOCATED 5' OFF THE FACE OF THE CURB ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
 - WATER MAINS SHALL BE LOCATED 5' OFF THE FACE OF CURB ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
 - HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF CURB.
 - WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF CURB.

TYPICAL CROSS-SECTION ARTERIAL, COMMERCIAL & INDUSTRIAL STREET WITH CURB N.T.S.



TOWN OF FAIRHAVEN
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FAIRHAVEN, MA 02719

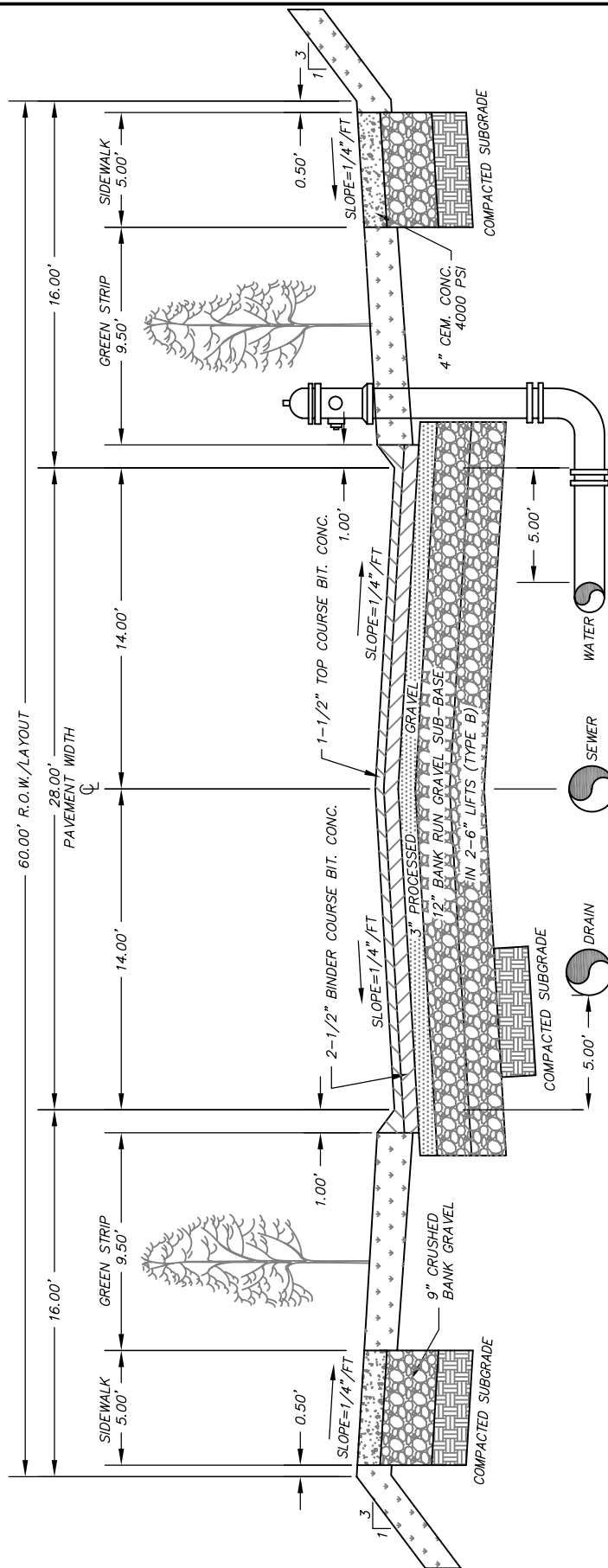
PLANNING BOARD

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

TYPICAL CROSS-SECTION
ARTERIAL, COMMERCIAL & INDUSTRIAL
STREET WITH CURB

DRAWING NO.:
C-11



- NOTES:
- SEWER MAIN IS TO BE LOCATED IN THE CENTER OF ROADWAY.
 - SEWER SERVICES CLEANOUTS ARE TO BE PLACED AT THE PROPERTY LINE.
 - DRAIN LINES SHALL BE LOCATED 5' OFF THE FACE OF THE BERM ON THE WEST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE SOUTH SIDE FOR ROADS RUNNING EAST & WEST.
 - WATER MAINS SHALL BE LOCATED 5' OFF THE FACE OF BERM ON THE EAST SIDE OF THE STREET FOR ROADS RUNNING NORTH & SOUTH AND ON THE NORTH SIDE FOR ROADS RUNNING EAST & WEST.
 - HYDRANT SHALL BE LOCATED ON THE SAME SIDE OF THE WATER MAIN, IN THE PLANTING STRIP WITH THE HYDRANT STEAMER NOZZLE 1'-2' BEHIND THE BACK OF BERM.
 - WATER SHUTOFFS SHALL BE LOCATED IN THE PLANTING STRIP 2' BEHIND THE BACK OF BERM.

**TYPICAL CROSS-SECTION
ARTERIAL, COMMERCIAL & INDUSTRIAL
STREET WITH BERM**
N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

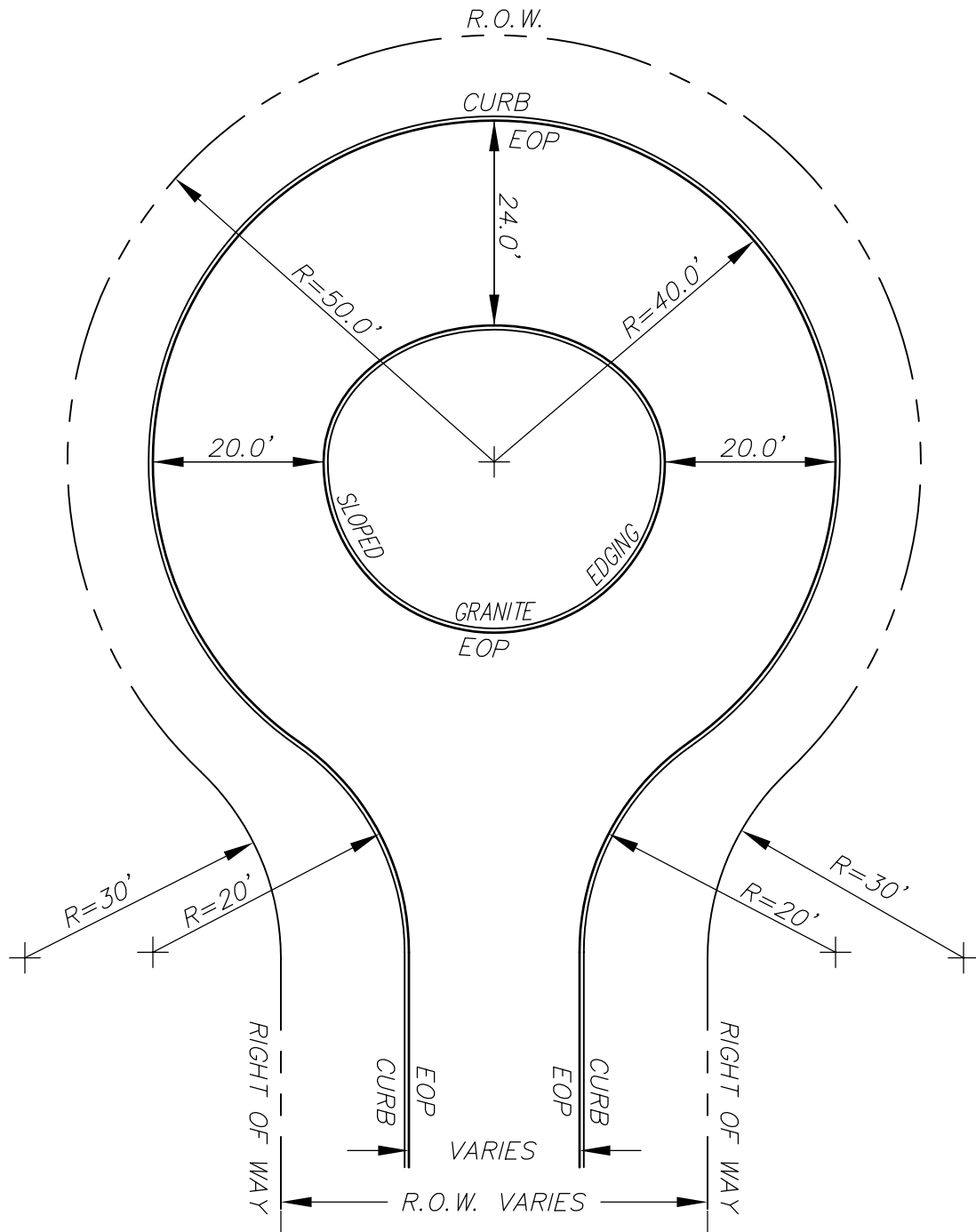
**PLANNING
BOARD**

DATE:
MARCH 27, 2007

**TYPICAL CROSS-SECTION
ARTERIAL, COMMERCIAL & INDUSTRIAL
STREET WITH BERM**

APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-12



RESIDENTIAL CUL-DE-SAC DETAIL N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

PLANNING
BOARD

RESIDENTIAL CUL-DE-SAC DETAIL

DATE:
MARCH 27, 2007

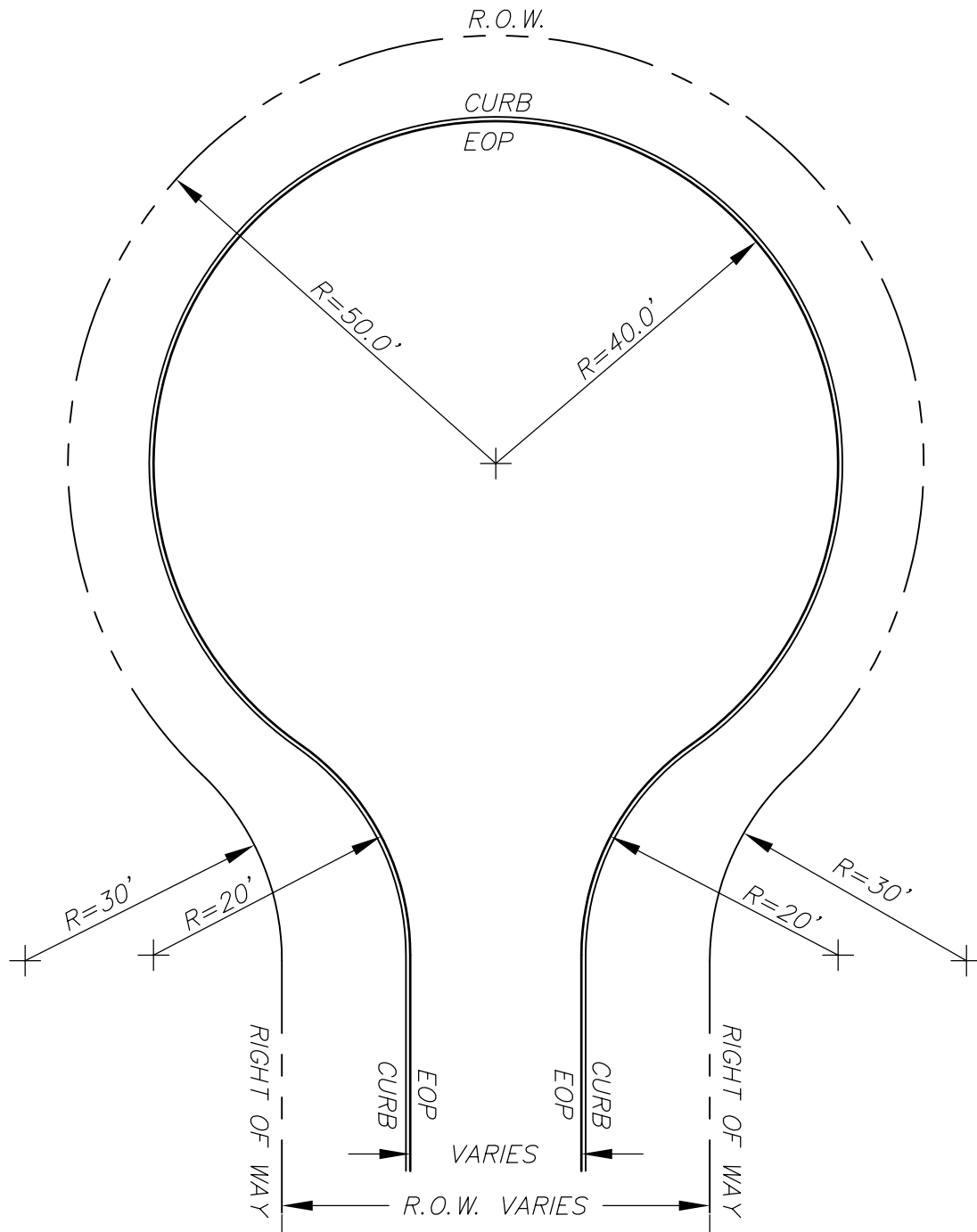
APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-13



HAMMERHEAD DETAIL

DRAWING NO.:
C-14



INDUSTRIAL/COMMERCIAL CUL-DE-SAC DETAIL

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

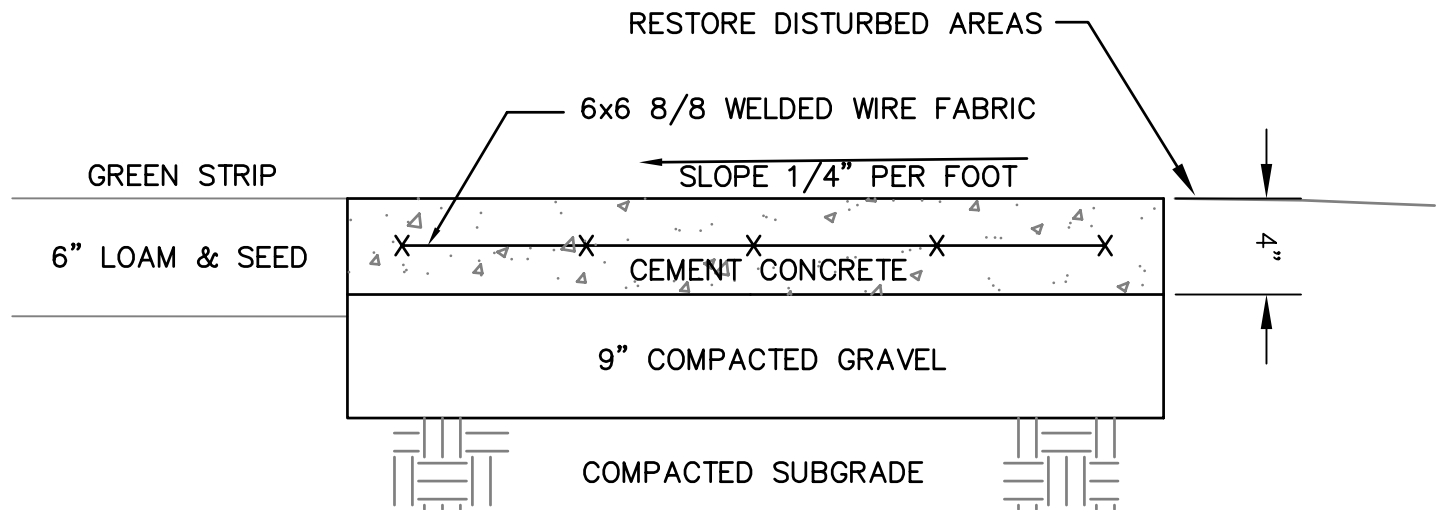
PLANNING
BOARD

INDUSTRIAL/COMMERCIAL
CUL-DE-SAC DETAIL

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-15



NOTES:

1. WIDTH AS SHOWN ON PLANS, ALL CONCRETE SHALL BE 4000 PSI.
2. EXPANSION JOINTS SHALL BE LOCATED EVERY 30 FEET ALONG LENGTH OF WALK, AT DRIVE SHALL BE PLACED TO APRONS AND ALIGN WITH JOINTS IN GRANITE CURBING WHERE POSSIBLE.
3. CONSTRUCTION SHALL CONFORM TO MHD STD. SPEC. SECTION 701 UNLESS OTHERWISE NOTED.

4" CONCRETE SIDEWALK DETAIL

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

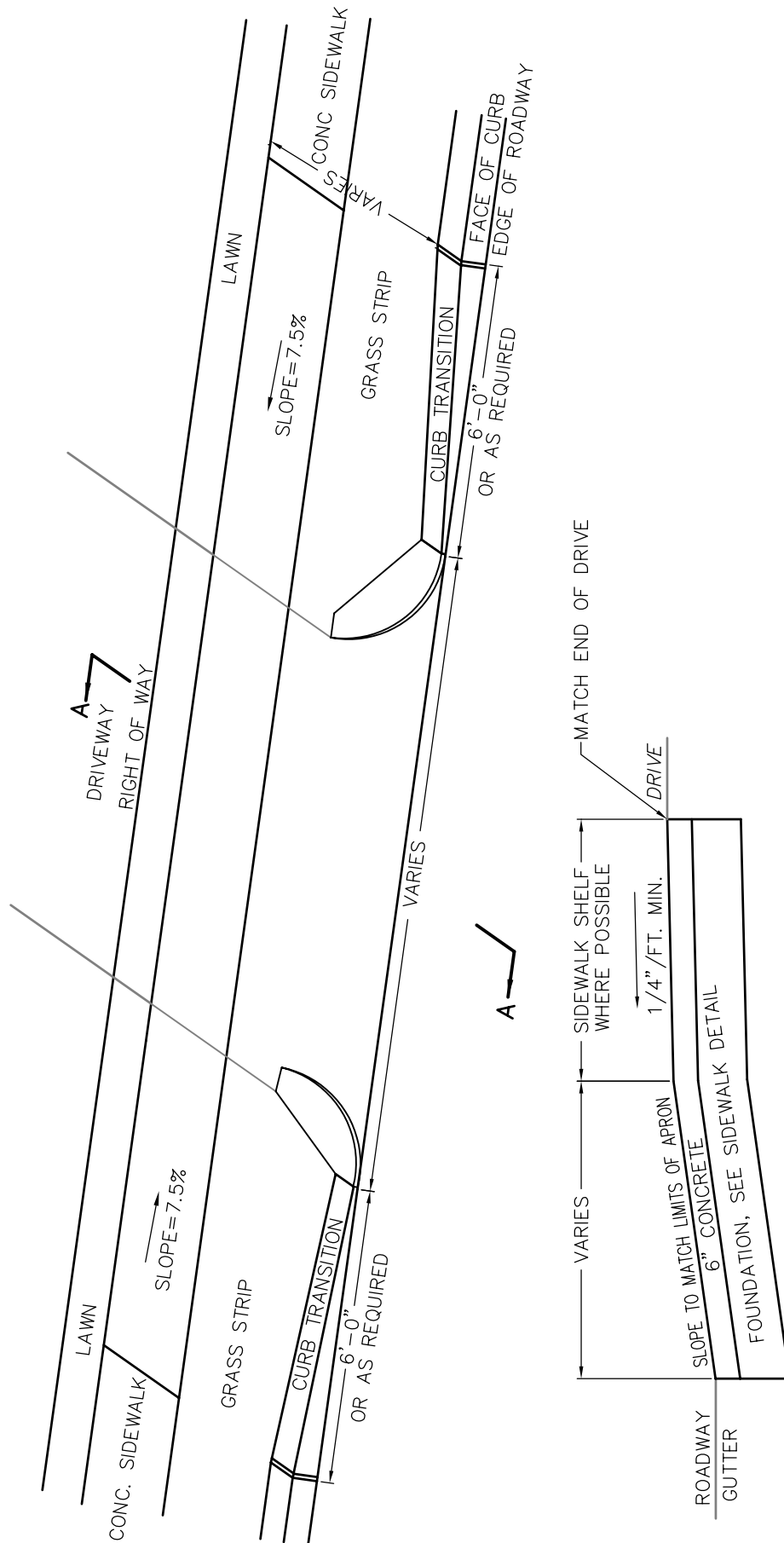
PLANNING
BOARD

DATE:
MARCH 27, 2007

4" CONCRETE
SIDEWALK DETAIL

APPENDIX C – STREET DESIGN DRAWING

DRAWING NO.:
C-16



SECTION A-A

NOTES:

1. RAMP CROSS SECTION TO MATCH ADJACENT WALK IN MATERIALS AND FOUNDATION, OR AS DIRECTED BY THE ENGINEER.
2. MATCH GRADE AT BACK OF WALK ABUTTING DRIVEWAY, STRUCTURE, OR AS DIRECTED BY THE ENGINEER.
3. ALL CONC. SHALL BE 4000 PSI MIN.
4. CONSTRUCTION SHALL CONFORM TO MHD STD. SPEC. SECTION 701 UNLESS OTHERWISE NOTED.

6" CONCRETE DRIVEWAY APRON DETAIL

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

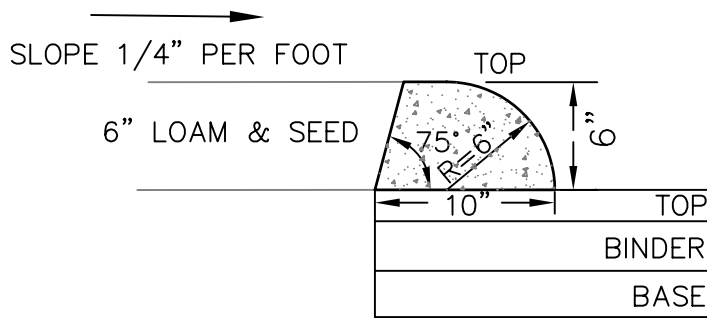
PLANNING BOARD

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

6" CONCRETE
DRIVEWAY APRON DETAIL

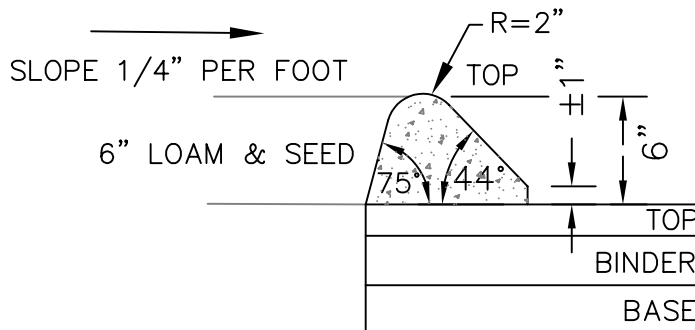
DRAWING NO.:
C-17



- NOTE: 1. ALL CONSTRUCTION SHALL CONFORM TO
MHD STANDARD 106.2.0 TYPE-1.
2. TACK COAT REQUIRED ON EXISTING PAVEMENT.

BIT. CONC. CURB TYPE-1

N.T.S.



- NOTE: 1. ALL CONSTRUCTION SHALL CONFORM TO
MHD STANDARD 106.2.0 TYPE-2.
2. TACK COAT REQUIRED ON EXISTING PAVEMENT.

BIT. CONC. CURB TYPE-2

N.T.S.



TOWN OF FAIRHAVEN
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FAIRHAVEN, MA 02719

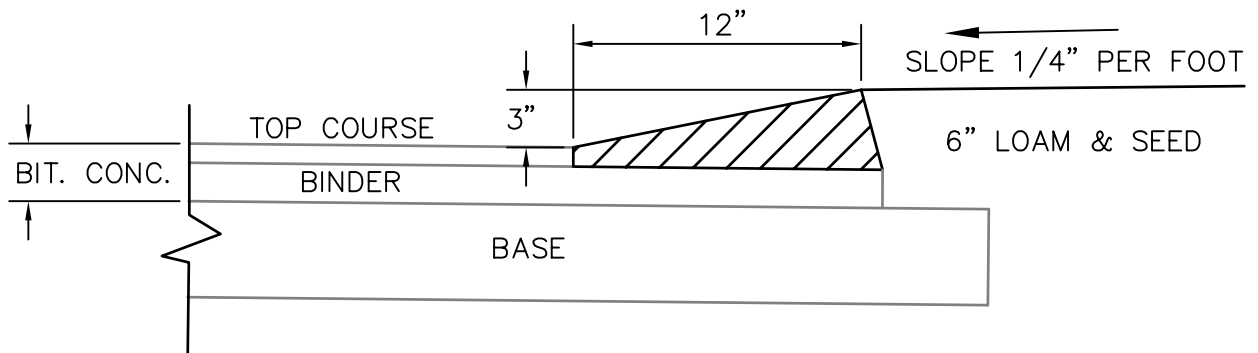
PLANNING
BOARD

DATE:
MARCH 27, 2007

BITUMINOUS CONCRETE CURB
TYPE-1 & TYPE-2 DETAIL

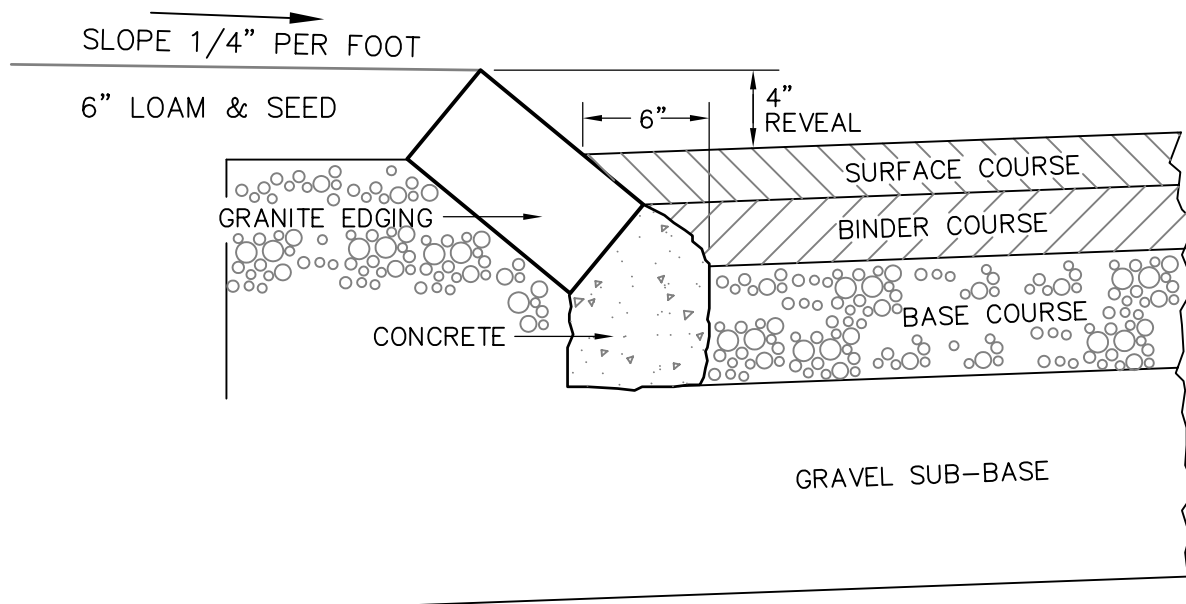
APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-18



BITUMINOUS CONCRETE BERM

N.T.S



SLOPED GRANITE EDGING

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

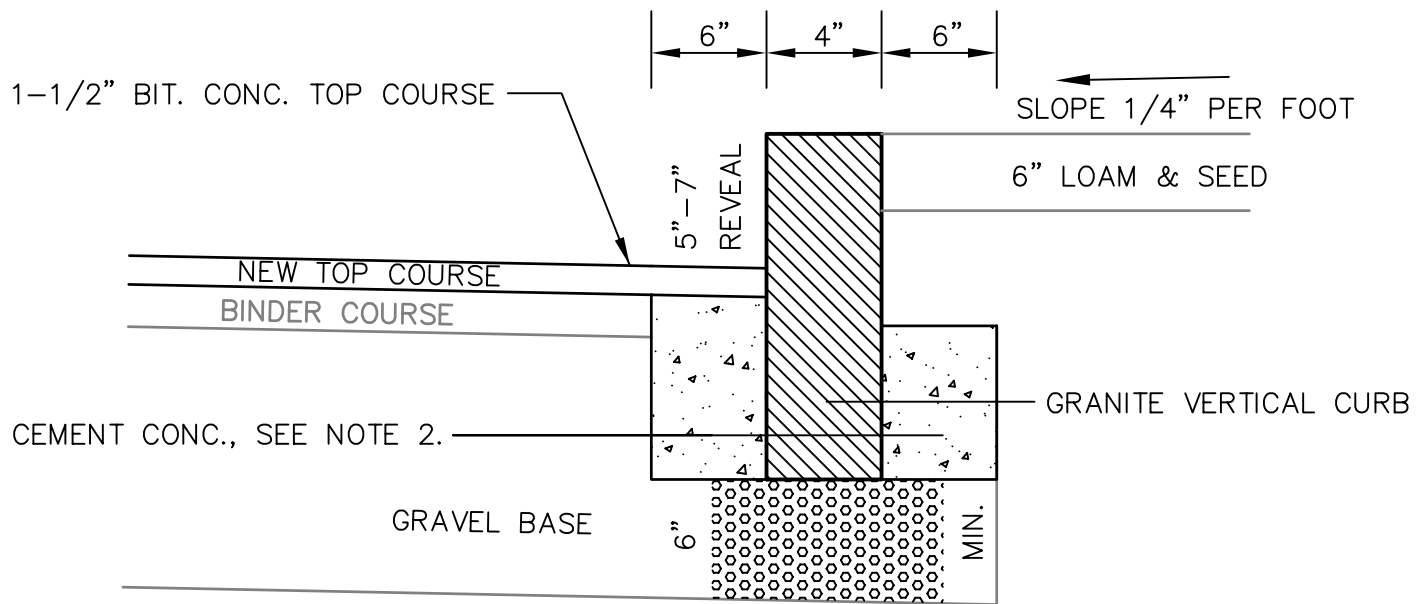
PLANNING
BOARD

DATE:
MARCH 27, 2007

BITUMINOUS CONCRETE BERM
& SLOPED GRANITE EDGING DETAILS

APPENDIX C – STREET DESIGN DRAWING

DRAWING NO.:
C-19



NOTES: APPLICABLE ONLY WHEN PAVEMENT IS IN-PLACE, OTHERWISE REPLACE CEMENT CONC. WITH BASE MATERIAL AND PAVE TO SPECIFICATIONS. SEE TYPICAL SECTIONS AND DETAILS.

1. SAWCUT LINE 6" FROM PROPOSED CURB LINE AND REMOVE BINDER, BASE AND STONE, REPLACE WITH CEMENT CONCRETE.
2. CEMENT CONCRETE SHALL CONFORM TO SECTION M4 OF THE LATEST REVISION OF MHD STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES. BIT. CONC. NOT ACCEPTABLE.
3. PAYMENT FOR CEMENT CONCRETE SHALL BE INCLUDED IN COST OF CURBING.

METHOD OF SETTING VERTICAL CURB PAVEMENT IN-PLACE

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

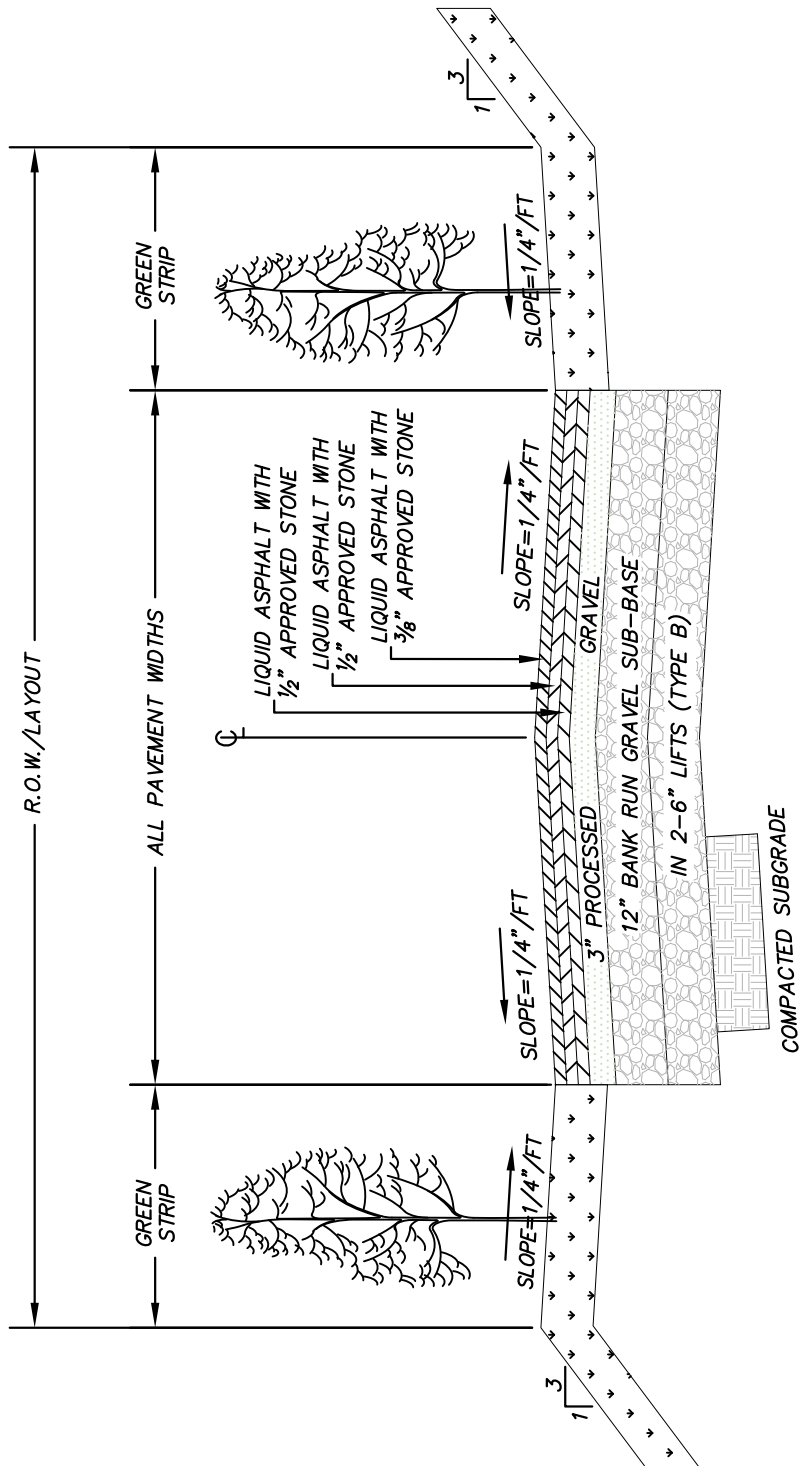
PLANNING
BOARD

METHOD OF SETTING VERTICAL CURB
PAVEMENT IN-PLACE DETAIL

DATE:
MARCH 27, 2007

APPENDIX C - STREET DESIGN DRAWING

DRAWING NO.:
C-20



- NOTES:
- ROADWAY PAVING REQUIREMENT MUST BE WAIVED BY THE PLANNING BOARD TO ALLOW APPLICATION OF TRIPLE STONE SEAL AS PERMANENT ROADWAY SURFACE
 - ALL UTILITY REQUIREMENTS, PAVEMENT WIDTHS, GRASS STRIP, SIDEWALK, SUBGRADE AND SLOPE REQUIREMENTS ARE TO MAINTAIN ACCORDANCE WITH ROADWAY TYPICAL CROSS SECTIONS
 - MATERIALS, MATERIAL QUANTITIES, EQUIPMENT, AND CONSTRUCTION METHODS TO COMPLY WITH THE TRIPLE STONE SEAL SPECIFICATIONS IN APPENDIX E AND BOARD OF PUBLIC WORKS REQUIREMENTS.

TYPICAL CROSS-SECTION TRIPLE STONE SEAL ROADWAY SURFACE

N.T.S.



TOWN OF FAIRHAVEN
40 CENTER STREET
FAIRHAVEN, MA 02719

PLANNING
BOARD

DATE:
MAY 24, 2012

TYPICAL CROSS-SECTION
TRIPLE STONE SEAL ROADWAY SURFACE

APPENDIX C – STREET DESIGN DRAWING

DRAWING NO.:
C-21