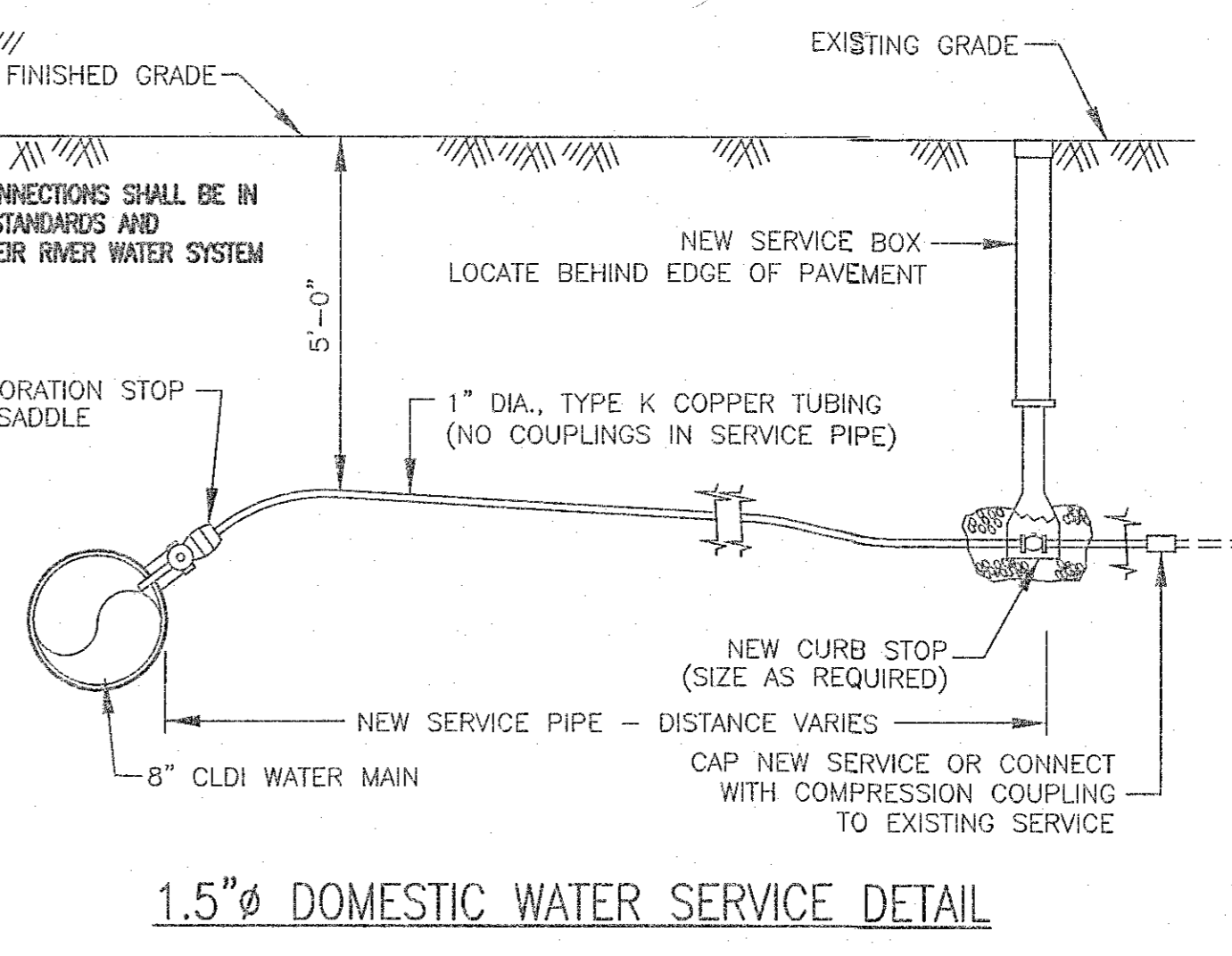
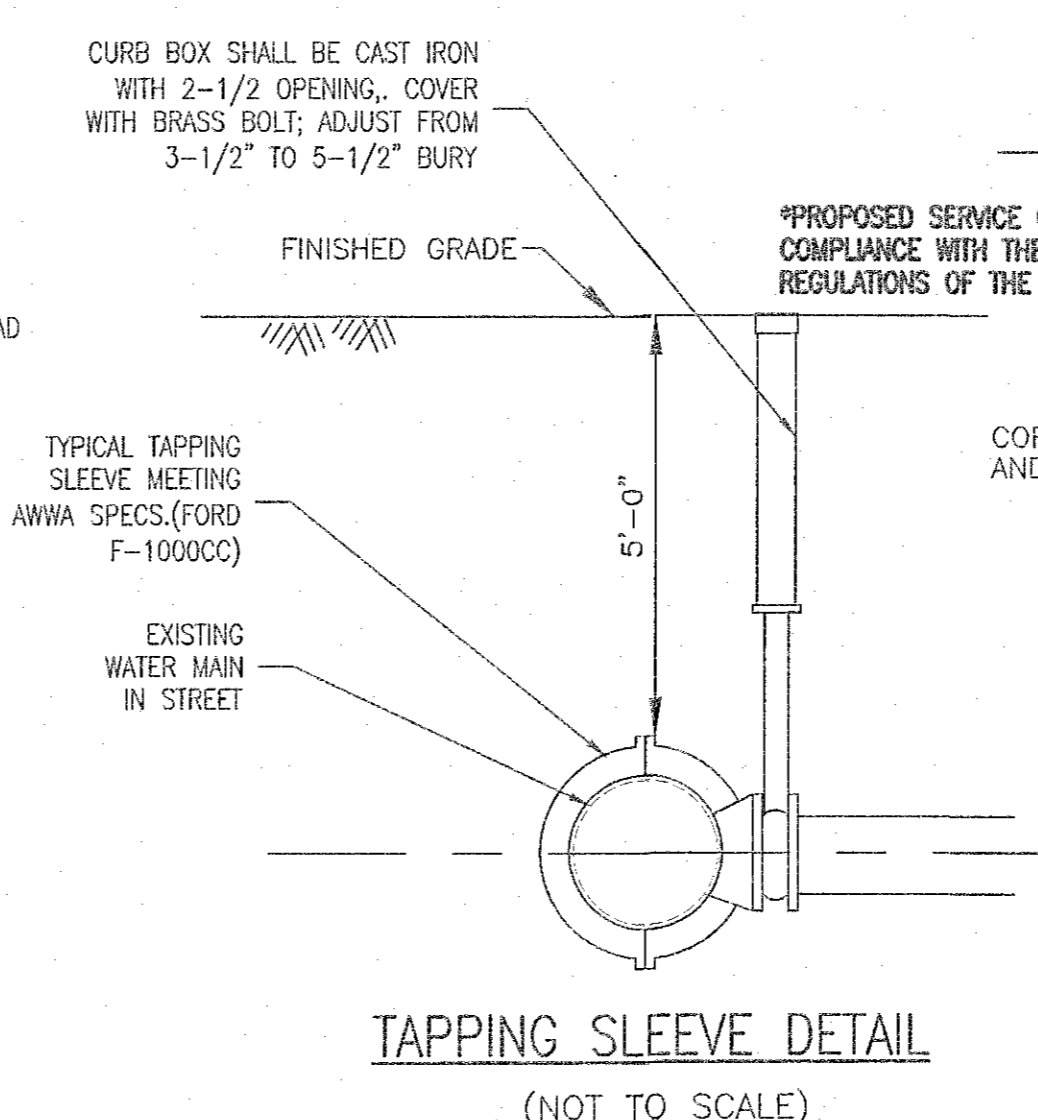


GRAVEL SHALL CONFORM TO THE FOLLOWING GRADATION

SIEVE SIZE	% OF PASSING BY WEIGHT
100	100
3"	95-100
2"	60-100
1"	55-95
3/4"	48-85
1/2"	44-80
3/8"	33-68
3/4"	23-55
10	15-43
20	8-34
40	2-22
80	0-10
200	0-3
.075mm	



- WATER SUPPLY NOTES**
- THERE SHALL BE NO PHYSICAL CONNECTION BETWEEN A PUBLIC OR PRIVATE POTABLE WATER SUPPLY SYSTEM AND A SEWER, OR APPURTENANCE THERETO WHICH WOULD PERMIT THE PASSAGE OF ANY WASTEWATER OR POLLUTED WATER INTO THE POTABLE SUPPLY.
 - SEWER LINES MAY BE LAID CLOSER THAN 10 FEET TO A WATER MAIN PROVIDED THAT IT IS
 - LAI IN A SEPARATE TRENCH, AND
 - THE ELEVATION OF THE TOP(CROWN) OF THE SEWER IS AT LEAST 18 INCHES BELOW THE BOTTOM(INVERT) OF THE WATER MAIN.
 - WHENEVER SEWERS MUST CROSS UNDER WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE TOP OF THE SEWER IS AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. WHEN THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR RECONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHOULD BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE.
 - WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF MECHANICAL JOINT CAST IRON PIPE AND SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS.
 - ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE STANDARDS AND REGULATIONS OF THE WEIR RIVER WATER SYSTEM.

I, CAROL FALVEY, CLERK OF THE TOWN OF HINGHAM, HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT FOLLOWING SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE _____ TOWN CLERK _____

APPROVED _____, SUBJECT TO COVENANT CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, DATED _____, AND TO BE RECORDED HERewith _____

APPROVAL UNDER SUBDIVISION CONTROL LAW IS REQUIRED

DATE SUBMITTED: _____

DATE APPROVED: _____

DATE ENDORSED: _____

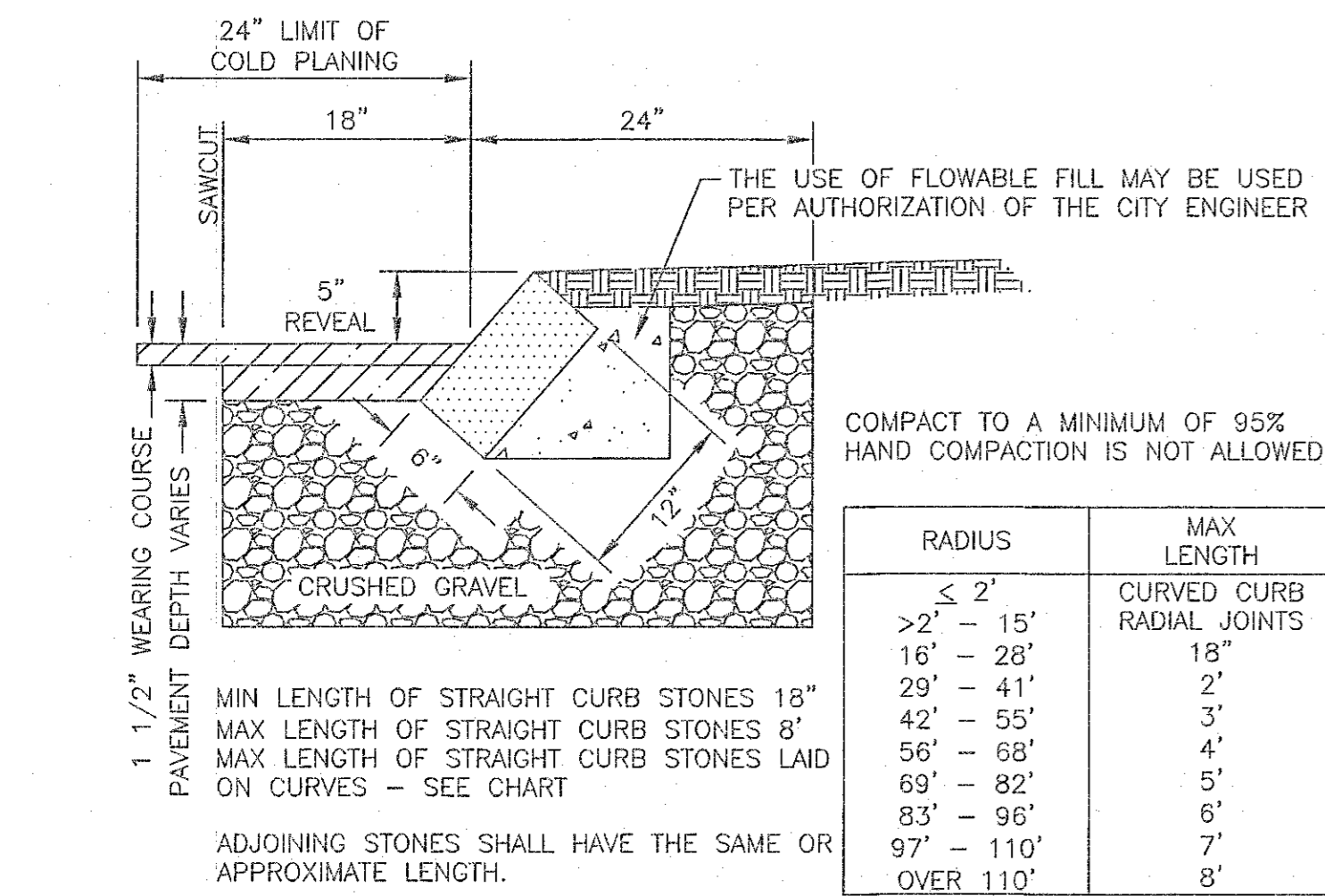
HINGHAM PLANNING BOARD

DATE SUBMITTED: _____

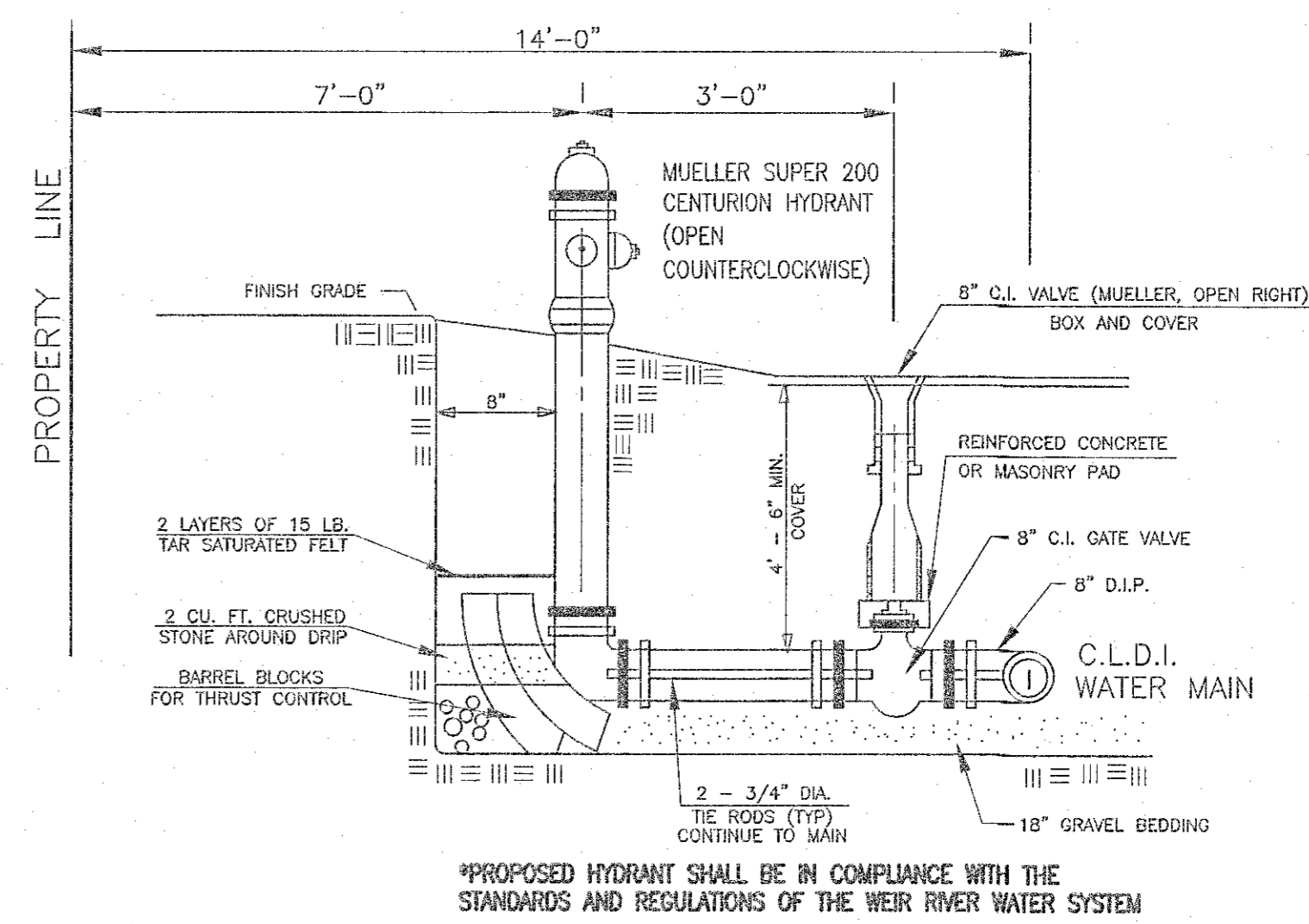
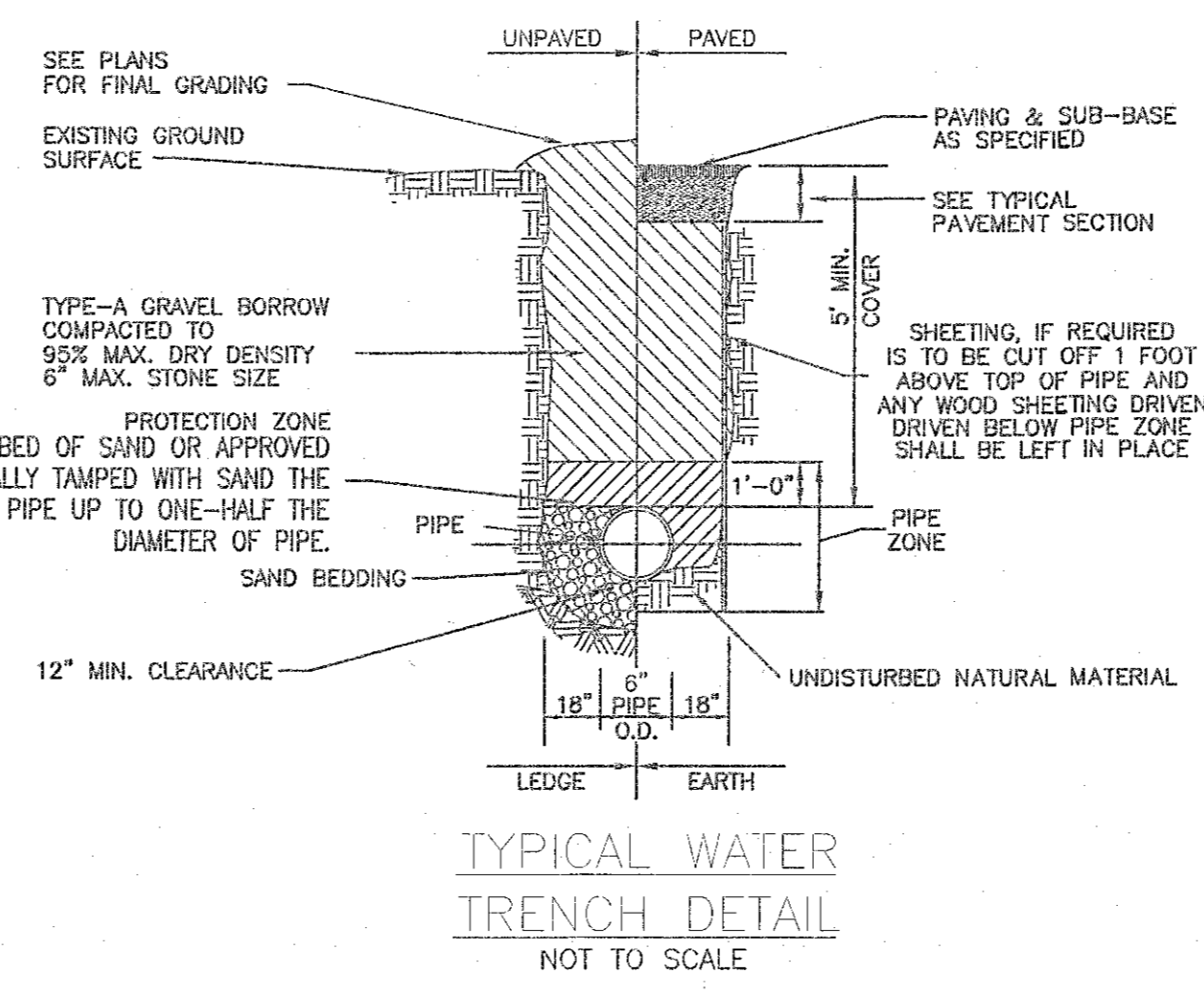
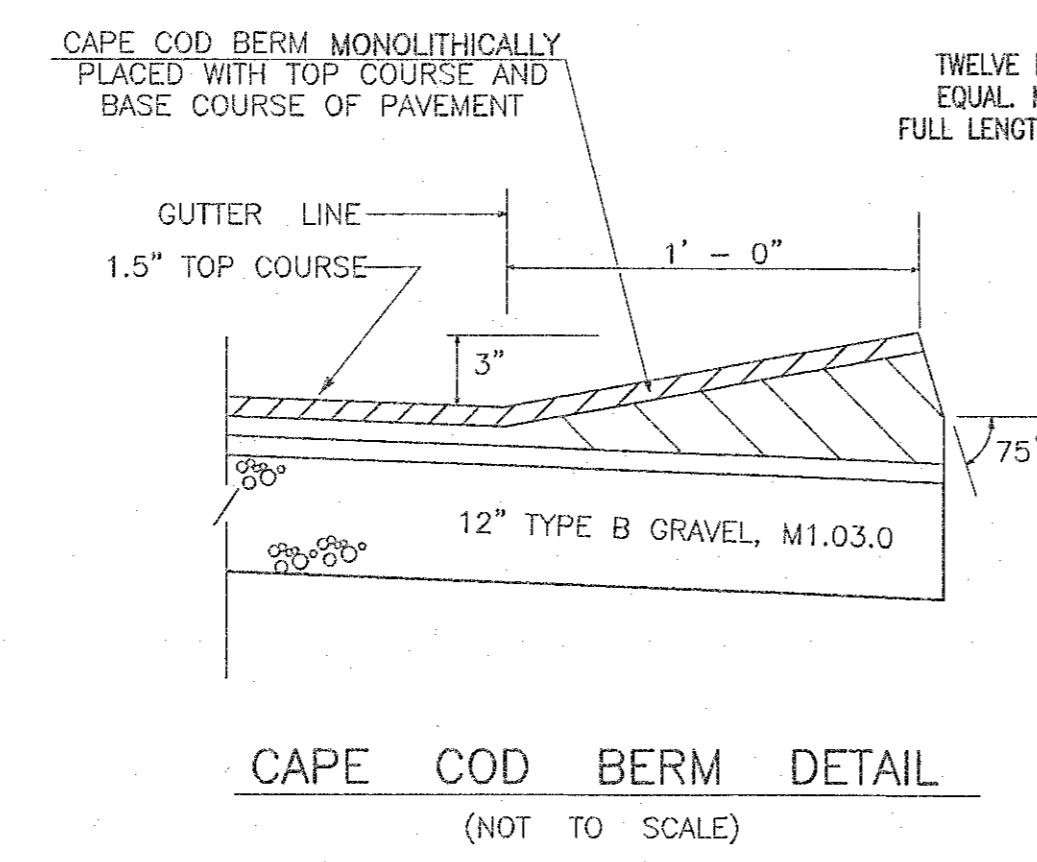
DATE APPROVED: _____

DATE ENDORSED: _____

HINGHAM BOARD OF HEALTH



RADIUS	MAX LENGTH
≤ 2'	CURVED CURB RADIAL JOINTS
>2' - 15'	18"
16' - 28'	2'
29' - 41'	3'
42' - 55'	4'
56' - 68'	5'
69' - 82'	6'
83' - 96'	7'
97' - 110'	8'



I DO HEREBY CERTIFY THAT THE SUBDIVISION AS SHOWN HERON CONFORMS WITH THE TOWN OF HINGHAM PLANNING BOARD SUBDIVISION RULES & REGULATIONS EXCEPT FOR THE WAIVERS AS REQUESTED.

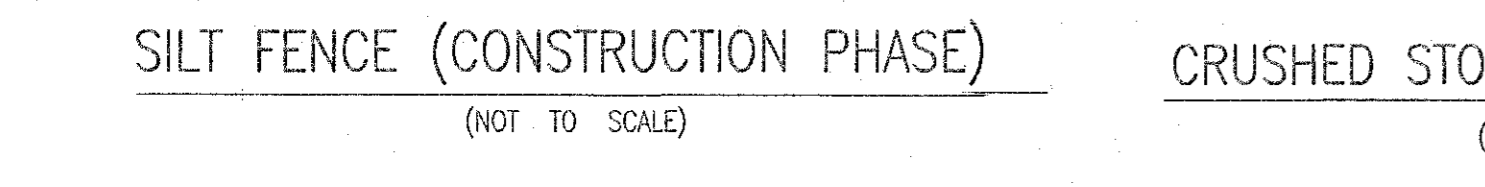
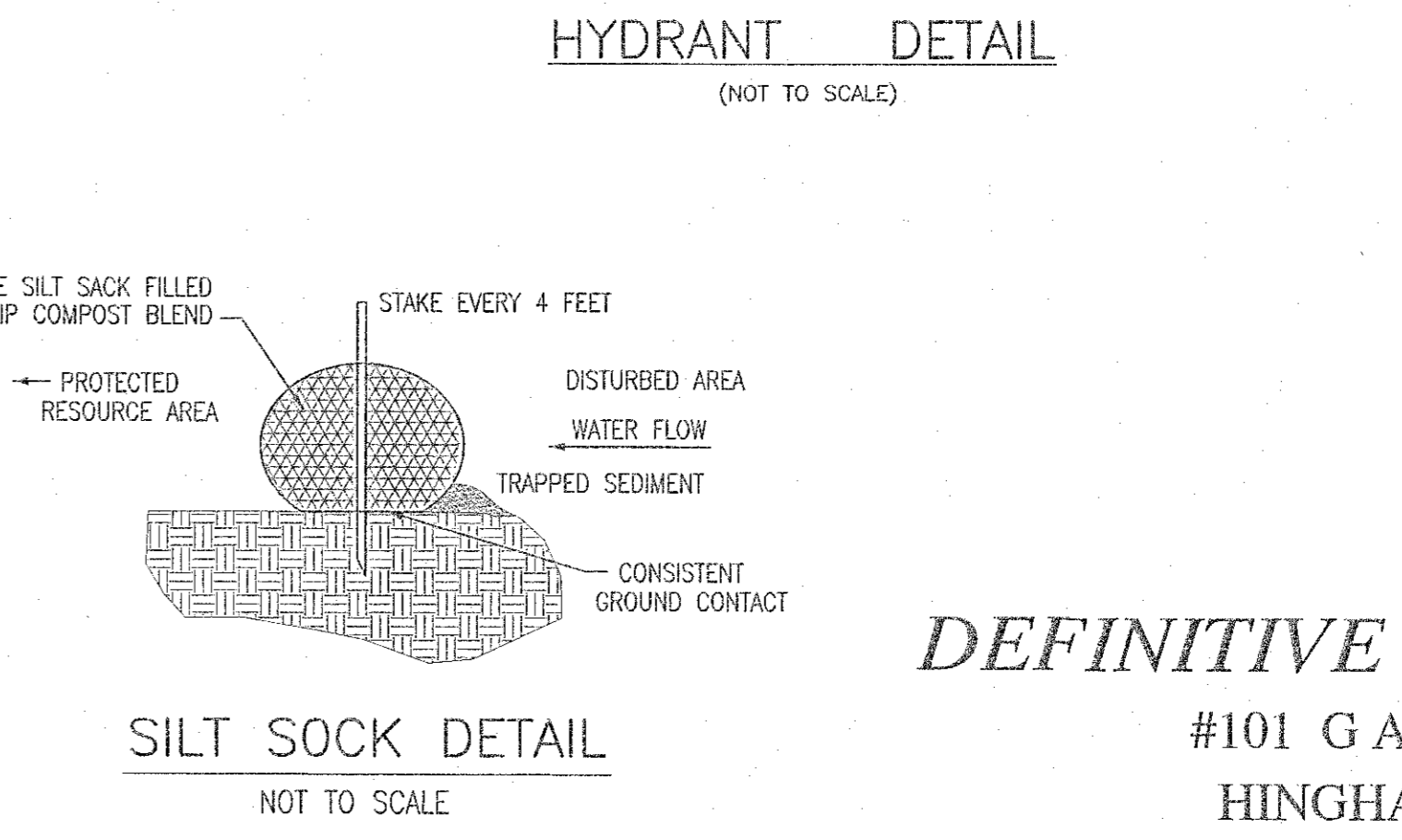
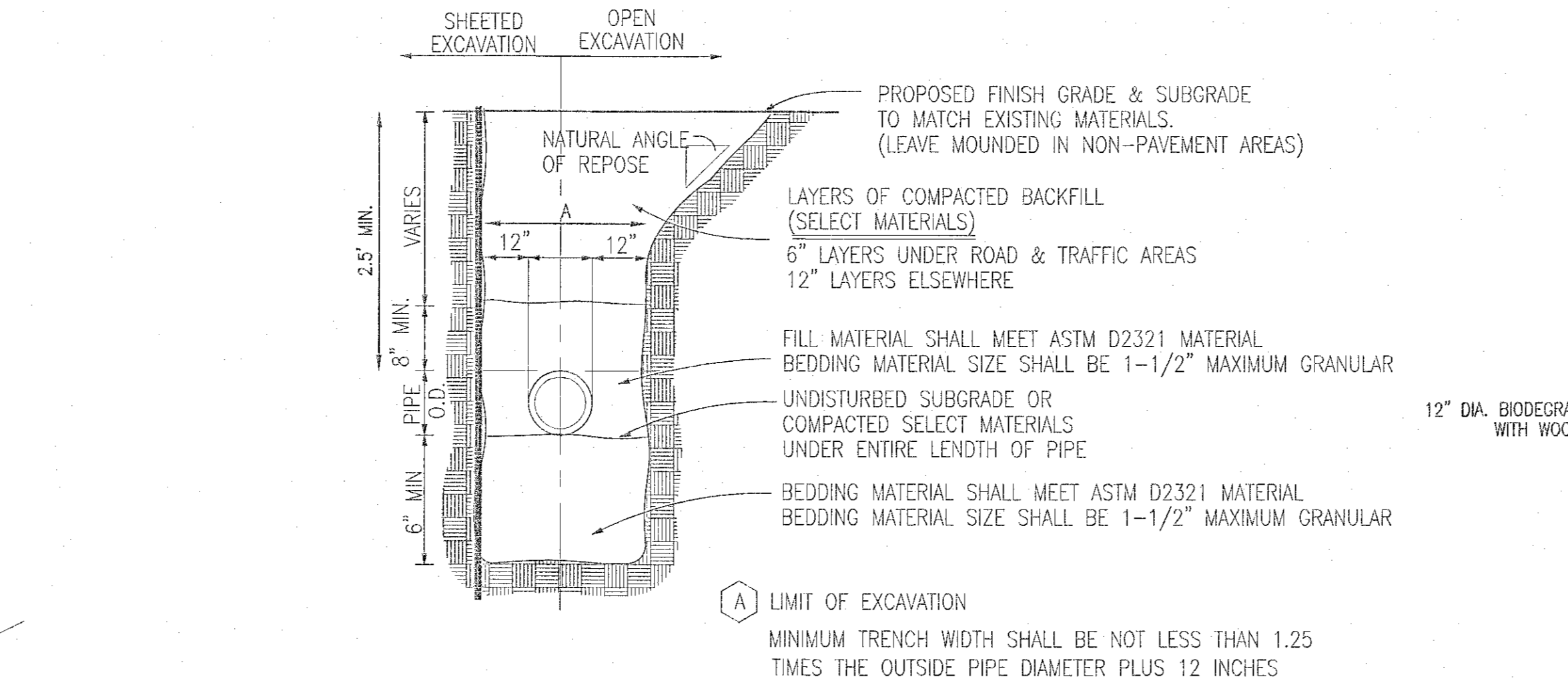
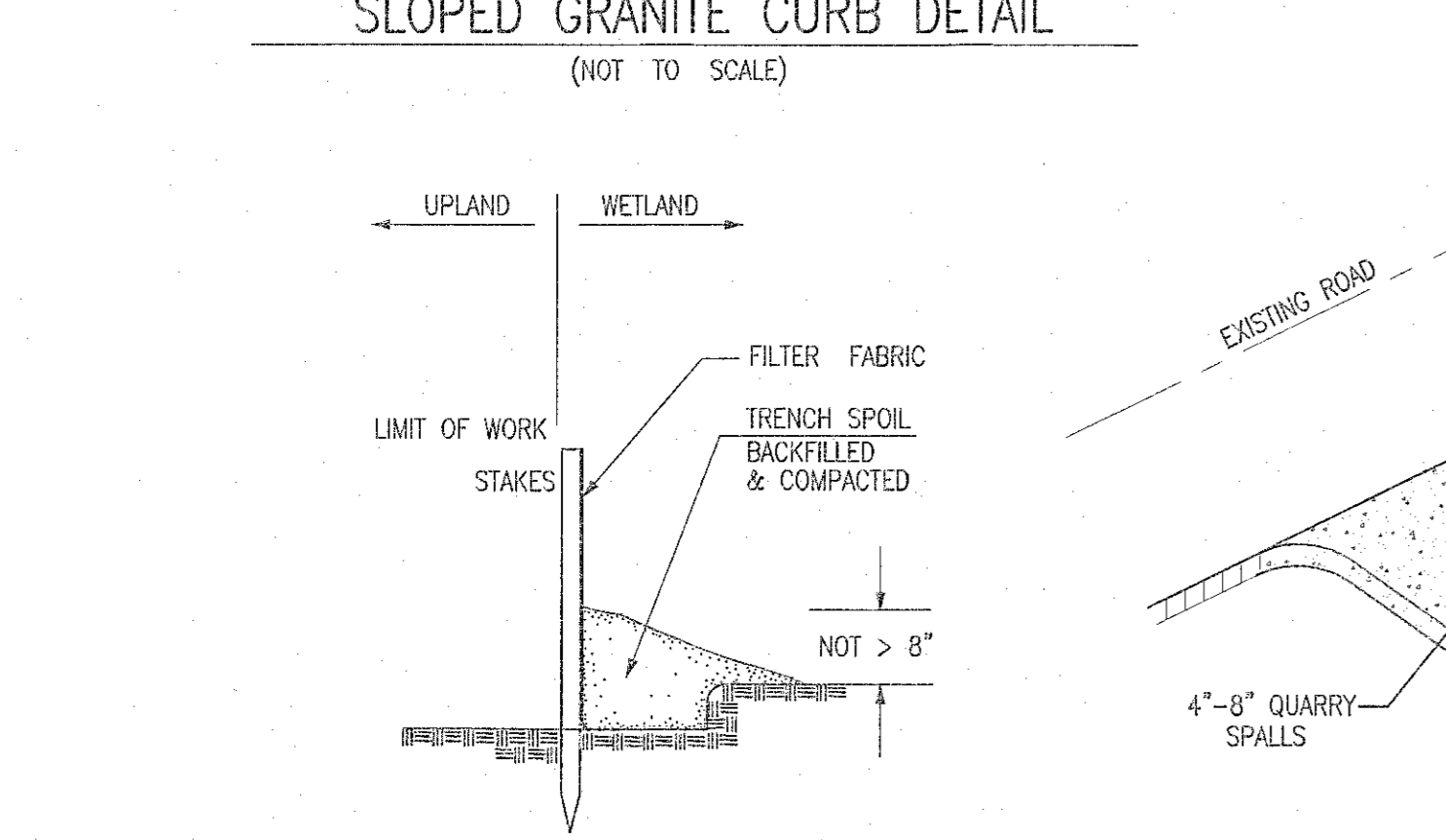
KEVIN S. GRADY CIVIL ENGINEER No. 46264

11/17/21

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

FINISH SURFACE AND TOLERANCES FOR SLOPED GRANITE CURB

AREA	FINISH SURFACE	TOLERANCE
ARRIS LINES	STRAIGHT AND TRUE ON TOP, FRONT AND ENDS. DRILL HOLES NOT DEEPER THAN 1/4\"/>	+1/4\"/>
FACES EXPOSED PART	PLANES; NO DRILL HOLES IN FACES LONGER THAN 8\"/>	+1\"/>
CONCEALED PART	DRILL HOLES NOT OBJECTIONABLE.	
ENDS	SQUARE WITH FACE EXCEPT AS INDICATED.	
JOINTS	ON TANGENT, MAXIMUM WIDTH: 1\"/>	+1/2\"/>
	ON CURVES OVER 15' RADIUS, WIDEN TOP OR BOTTOM FROM 1\"/>	+1/2\"/>
	ON CURVES WITH 15' RADIUS AND UNDER, USE RADIAL JOINTS OR CURVED CURB AS INDICATED. OPTIMUM WIDTH: 1\"/>	+1/2\"/>



* ALL HDPE PIPE JOINTS SHALL BE SEALED BY APPROVED RUBBER GASKETS OR EQUIVALENT CONNECTIONS

PROPOSED FINISH GRADE & SUBGRADE TO MATCH EXISTING MATERIALS. (LEAVE MOUNDED IN NON-PAVEMENT AREAS)

LAYERS OF COMPACTED BACKFILL (SELECT MATERIALS)
6\"/>

FILL MATERIAL SHALL MEET ASTM D2321 MATERIAL
BEDDING MATERIAL SIZE SHALL BE 1-1/2\"/>

UNDISTURBED SUBGRADE OR COMPACTED SELECT MATERIALS UNDER ENTIRE LENGTH OF PIPE

BEDDING MATERIAL SHALL MEET ASTM D2321 MATERIAL
BEDDING MATERIAL SIZE SHALL BE 1-1/2\"/>

LIMIT OF EXCAVATION
MINIMUM TRENCH WIDTH SHALL BE NOT LESS THAN 1.25 TIMES THE OUTSIDE PIPE DIAMETER PLUS 12 INCHES

REVISIONS

4/22/21	PLANNING/BOH REVIEW COMMENTS
4/29/21	PLANNING/BOH REVIEW COMMENTS
6/28/21	PLANNING/BOH REVIEW COMMENTS
8/12/21	PLANNING BOARD COMMENTS

TIMOTHY R. BENNETT P.L.S. #36856

11/17/21

DETAILS
DEFINITIVE SUBDIVISION PLAN
#101 GARDNER STREET
HINGHAM, MASSACHUSETTS

PREPARED FOR:
MS. CHRISTINE WALKER, CONTROLLER
BOSTON GOLF CLUB
#19 OLD COUNTY ROAD
HINGHAM, MA 02043

FEBRUARY 26, 2021
SCALE: AS SHOWN
JOB No. 20-164

GRADY CONSULTING, L.L.C.
Civil Engineers, Land Surveyors & Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
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