

**LEGEND OF SYMBOLS & ABBREVIATIONS:**

EXISTING:		PROPOSED:
---	PROPERTY LINE	---
---	BORDERING VEGETATED WETLAND	N/A
---	BUFFER ZONE TO RESOURCE AREA	N/A
102	INTERMEDIATE CONTOUR	102
110	INDEX CONTOUR	110
EP	EDGE OF PAVEMENT	EP
BB	BITUMINOUS BERM	BB
VGC	VERTICAL GRANITE CURB	VGC
SGC	SLOPED GRANITE CURB	SGC
CC	CONCRETE CURB	CC
---	GUARD RAIL	---
---	DRAIN	---
---	SEWER	---
---	WATER	---
---	UNDERGROUND ELECTRIC	---
---	OVERHEAD WIRE	---
---	TELEPHONE	---
---	NATURAL GAS	---
---	CHAIN LINK FENCE	---
---	WOOD FENCE	---
---	SILT FENCE	---
---	HAY BALES	---
---	TREE LINE	---
---	RETAINING WALL	---
---	STONE WALL	---
SB(SET)	STONE BOUND	SB(SET)
CB(SET)	CONCRETE BOUND	CB(SET)
IP(SET)	IRON PIPE	IP(SET)
DH(SET)	DRILL HOLE	DH(SET)
#A-11	WETLAND FLAG	N/A
x	SPOT ELEVATION	103x5
---	CATCH BASIN	---
---	DRY WELL	---
---	DRAIN MANHOLE	---
---	SEWER MANHOLE	---
---	ELECTRIC MANHOLE	---
---	UTILITY MANHOLE	---
---	FIRE HYDRANT	---
---	GATE VALVE	---
---	LIGHT	---
---	UTILITY POLE	---
---	GUY WIRE	---
---	WELL	---
PMW1	MONITORING WELL	PMW1
T-1	TEST PIT	N/A
PT	PERCOLATION TEST	N/A
T.B.M.	BENCH MARK	N/A
---	TRAFFIC FLOW DIRECTION	---
---	DRAINAGE FLOW DIRECTION	---

# COURTS & LANES SPECIAL PERMIT 21-27 HANCOCK STREET LEAVITT COURT IMPROVEMENTS

## NEWBURYPORT, MASSACHUSETTS PREPARED FOR: CASWELL DEVELOPMENT 24 GRAF ROAD NEWBURYPORT MA

**OWNER REFERENCES**

**21-25 HANCOCK STREET**

OWNER: G&S MASSACHUSETTS REALTY TRUST

DEED REFERENCE: BK 34044, PG 272

ASSESSORS: MAP 25, PARCEL 42

PLAN REF: LOTS 1, 3, 5, 7 & LEVITT COURT AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600

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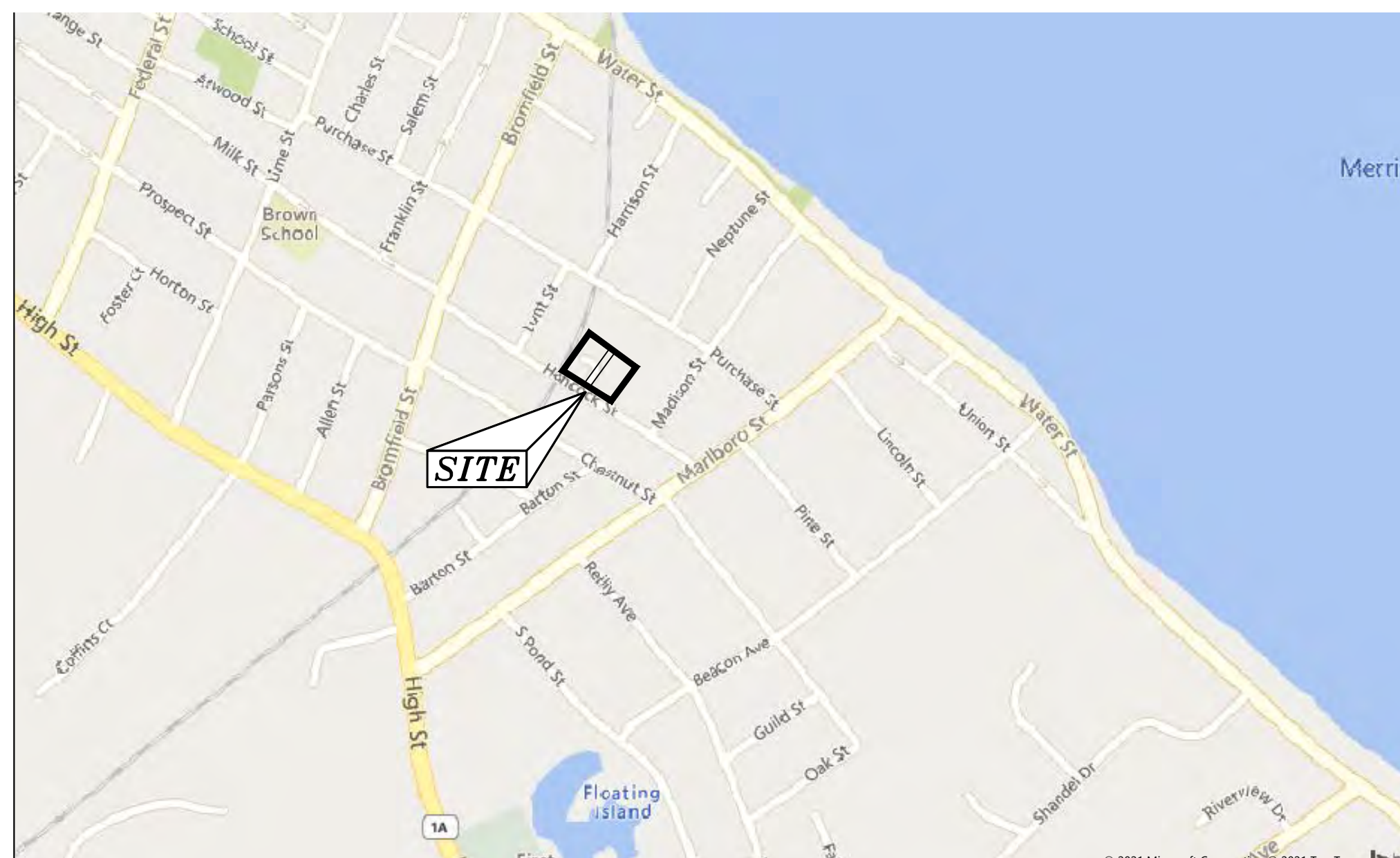
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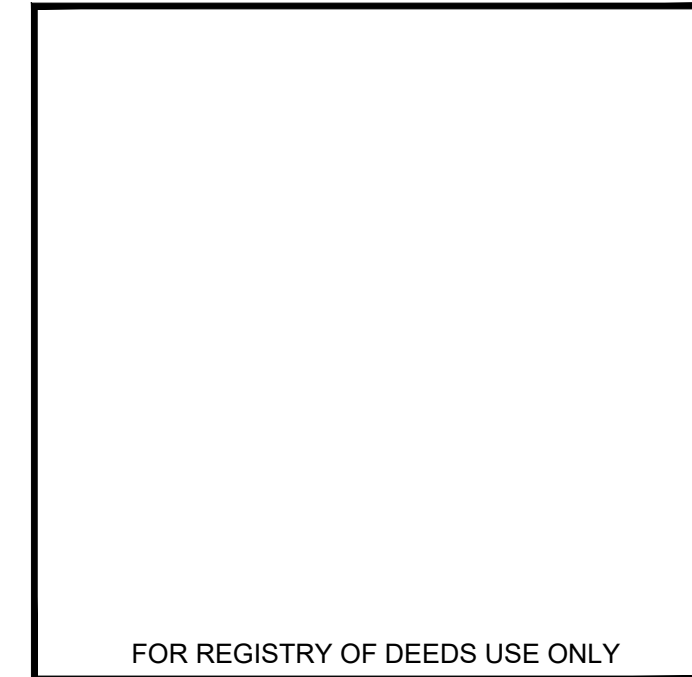
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**LOCUS PLAN**  
SCALE: 1"=500'±

**ZONING MATRIX: RESIDENCE 2**

	REQUIRED (INDUSTRIAL SERVICE - 607)	EXISTING (INDUSTRIAL SERVICE - 607)	REQUIRED (TWO-FAMILY - 102)	PROPOSED (TWO-FAMILY - 102)		REQUIRED (SINGLE-FAMILY - 101)	EXISTING (SINGLE-FAMILY - 101)	REQUIRED (TWO-FAMILY - 102)	PROPOSED (TWO-FAMILY - 102)
MINIMUM LOT AREA	50,000 SQUARE FEET	16,228 SQUARE FEET	15,000 SQUARE FEET	16,228 SQUARE FEET		10,000 SQUARE FEET	16,400 SQUARE FEET	15,000 SQUARE FEET	16,400 SQUARE FEET
MINIMUM LOT FRONTAGE	200 FEET	96.52 FEET	120 FEET	96.52 FEET		90 FEET	95.92 FEET	120 FEET	267.40 FEET *
FRONT SETBACK	60 FEET	124.1 FEET	25 FEET	25.0 FEET		25 FEET	58.1 FEET	25 FEET	11.7 FEET
SIDE SETBACK (R)	50 FEET	18.3 FEET OVER	20 FEET	21.0 FEET		10 FEET	50.7 FEET	20 FEET	31.5 FEET
SIDE SETBACK (L)	50 FEET	5.9 FEET	20 FEET	25.8 FEET		10 FEET	5.7 FEET	20 FEET	24.5 FEET
REAR SETBACK	60 FEET	3.8 FEET	25 FEET	25.7 FEET		25 FEET	91.1 FEET	25 FEET	25.6 FEET
MAXIMUM LOT COVERAGE(%)	30.0%	22.3%	25.0%	22.5%		25.0%	5.0%	25.0%	24.7%
MAXIMUM HEIGHT	35 FEET	12 FEET	35 FEET	25 FEET		35 FEET	22 FEET	35 FEET	25 FEET
MINIMUM OPEN SPACE	N/A	46.7%	40.0%	67.0%		40.0%	90.7%	40.0%	64.7%
MINIMUM PARKING REQUIRED	?	4+	4	4+		2	0	4	4+



"I CERTIFY THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS."

**ROADWAY CONSTRUCTION WAIVERS**

6.8.1 - (TABLES) MINIMUM RIGHT OF WAY WIDTH OF 40' REQUIRED. LEVITT COURT IS AN EXISTING 25' PRIVATE WAY TO BE IMPROVED.

6.8.1- (TABLES) PROVIDE CUL-DE-SAC OR T / Y TURNAROUND. NO CUL-DE-SAC OR TURNAROUND PROPOSED. ALL BUILDINGS TO INCLUDE FIRE SUPPRESSION SPRINKLER SYSTEM AND TOTAL ROAD LENGTH ONLY 150'. TURN AROUND PROVIDED FOR BACKING OF CARS OUT OF TWO DRIVEWAYS AT AND OF LEAVITT COURT.

6.8.1- (TABLES) CURB RADIUS OF 25 FEET AT INTERSECTION. 12 FEET IS PROPOSED AT INTERSECTION WITH HANCOCK STREET .

6.9 CURBING - 6" VERTICAL GRANITE REQUIRED, GRANITE CURBING ONLY PROVIDED AT THE INTERSECTION WITH HANCOCK STREET.

6.11.1 SIDEWALKS - SIDEWALK REQUIRED ON ONE SIDE OF ROAD - NO SIDEWALKS PROPOSED.

PRIVATE MAINTENANCE NOTE -THE ROADWAY, UTILITIES AND DRAINAGE FACILITIES TO BE PRIVATELY MAINTAINED IN ACCORDANCE WITH THE HOMEOWNERS ASSOCIATION AGREEMENT.

**WATER DISTRICT:**

THE SUBJECT PROPERTY RESIDES IN THE CITY OF NEWBURYPORT WATER DISTRICT

**SHEET INDEX:**

SHEET No.	DESCRIPTION
T1	TITLE SHEET
S1	EXISTING CONDITION PLAN
S2	PLAN OF LAND
C1	SITE LAYOUT & UTILITIES PLAN
C2	GRADING & DRAINAGE PLAN
D1	CONSTRUCTION DETAILS
D2	CONSTRUCTION DETAILS
D3	EROSION CONTROL PLAN



DEVELOPER:  
CASWELL DEVELOPMENT  
24 GRAF ROAD  
NEWBURYPORT MA

ARCHITECT:  
GRAF ARCHITECTS  
2 LIBERTY STREET  
NEWBURYPORT MA

SURVEYOR  
WINTER GEC  
44 MERRIMAC ST. UNIT 312  
NEWBURYPORT, MA

PROJECT TEAM

21-27 HANCOCK  
NEWBURYPORT, MA.

PROJECT INFO

REV	DESCRIPTION	DATE
2	PEER REVIEW	03/31/2021
1	PLAN UPDATE	03/19/2021



STAMP:

**TITLE SHEET**

SHEET NAME:

**T1**

SHT NO:

DR BY: GS

CHK BY: SS

PROJ NO: 20-087

DATE: 02-17-2021

SCALE: NOT TO SCALE

CITY OF NEWBURYPORT  
OFFICE OF THE CITY CLERK

THIS IS TO CERTIFY THAT ON / / , I RECEIVED FROM THE PLANNING BOARD CERTIFICATION OF ITS APPROVAL OF THIS PLAN AND THAT DURING THE (20) TWENTY DAYS NEXT FOLLOWING, I HAVE RECEIVED NO NOTICE OF ANY APPEAL FROM SAID DECISION.

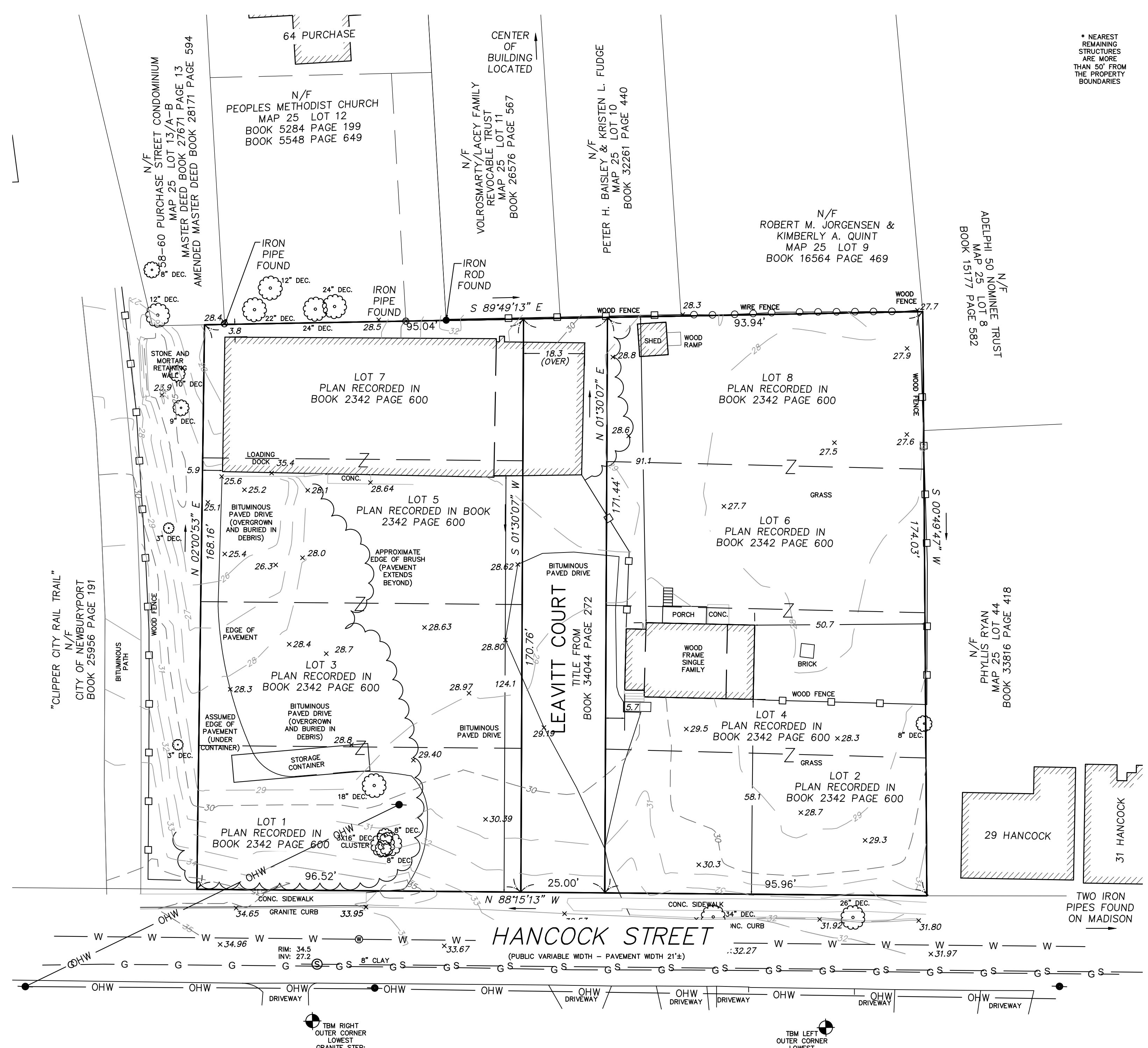
CLERK DATE

"PLANNING BOARD APPROVAL UNDER SUBDIVISION CONTROL LAW" NEWBURYPORT PLANNING BOARD

DATE



RESERVED FOR REGISTERS USE ONLY



\* NEAREST REMAINING STRUCTURES ARE MORE THAN 50' FROM THE PROPERTY BOUNDARIES

**NOTES**

THE PURPOSE OF THIS PLAN IS TO DEPICT PARCELS AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600. LEAVITT COURT IS AS SHOWN ON SAID PLAN. PHYSICAL FEATURES AND BOUNDARIES ARE THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BETWEEN OCTOBER 15, 2020 AND MARCH 19, 2021.

OWNERSHIP INFORMATION USED IN THE PREPARATION OF THIS PLAN WAS OBTAINED FROM THE CITY OF NEWBURYPORT ASSESSOR'S OFFICES AND SOUTHERN ESSEX DISTRICT REGISTRY OF DEEDS.

UNDERGROUND UTILITIES SHOWN HEREON BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND RECORD DRAWINGS AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES. POINT OF ENTRY FOR UTILITIES ARE AS SHOWN. UTILITY ENTRY POINTS NOT SHOWN ARE UNKNOWN.

I CERTIFY THAT THIS PLAN WAS PREPARED IN CONFORMANCE WITH THE RULES FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS.

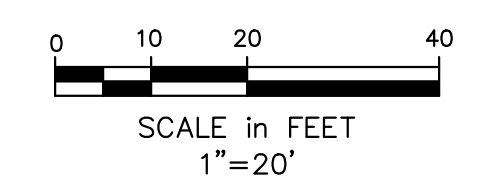
EVERETT J. CHANDLER, P.L.S.  
 MASS. REGISTRATION NO. 41783

**LOCUS TITLE INFORMATION**

**21 HANCOCK STREET**  
 OWNER: G&S MASSACHUSETTS REALTY TRUST  
 DEED REFERENCE: BOOK 34044 PAGE 272  
 ASSESSORS: MAP 25 PARCEL 42  
 PLAN REF: LOTS 1, 3, 5, 7 & LEAVITT COURT AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600

**27 HANCOCK STREET**  
 OWNER: WILLIAM F. & JOYCE E. COLBY  
 DEED REFERENCE: BOOK 7229 PAGE 301  
 ASSESSORS: MAP 25 PARCEL 43  
 PLAN REF: LOTS 2, 4, 6 & 8 AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600

CITY OF NEWBURYPORT OFFICE OF THE CITY CLERK	NEWBURYPORT PLANNING BOARD
I, CLERK OF THE CITY OF NEWBURYPORT, 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 AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.	_____
CLERK	DATE
_____	DATE



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Winter GEC, LLC  
 44 MERRIMAC STREET  
 NEWBURYPORT, MA 01950  
 978-270-8626

SCALE:				
HORIZ: 1"= 20'				
VERT: _____				
NO.	DATE	BY	REVISIONS	
2	3/30/21	EJC	REVISED PER COMMENTS	
1	3/24/21	EJC	REVISED PER COMMENTS	

FIELD: CO  
 CALCS: EC  
 CHECKED: EJC  
 APPROVED: EJC

EXISTING CONDITIONS

21 & 27 HANCOCK STREET

PLAN OF LAND IN  
 NEWBURYPORT, MA

SURVEYED FOR  
 CASWELL DEVELOPMENT, LLC

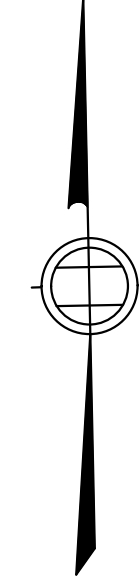
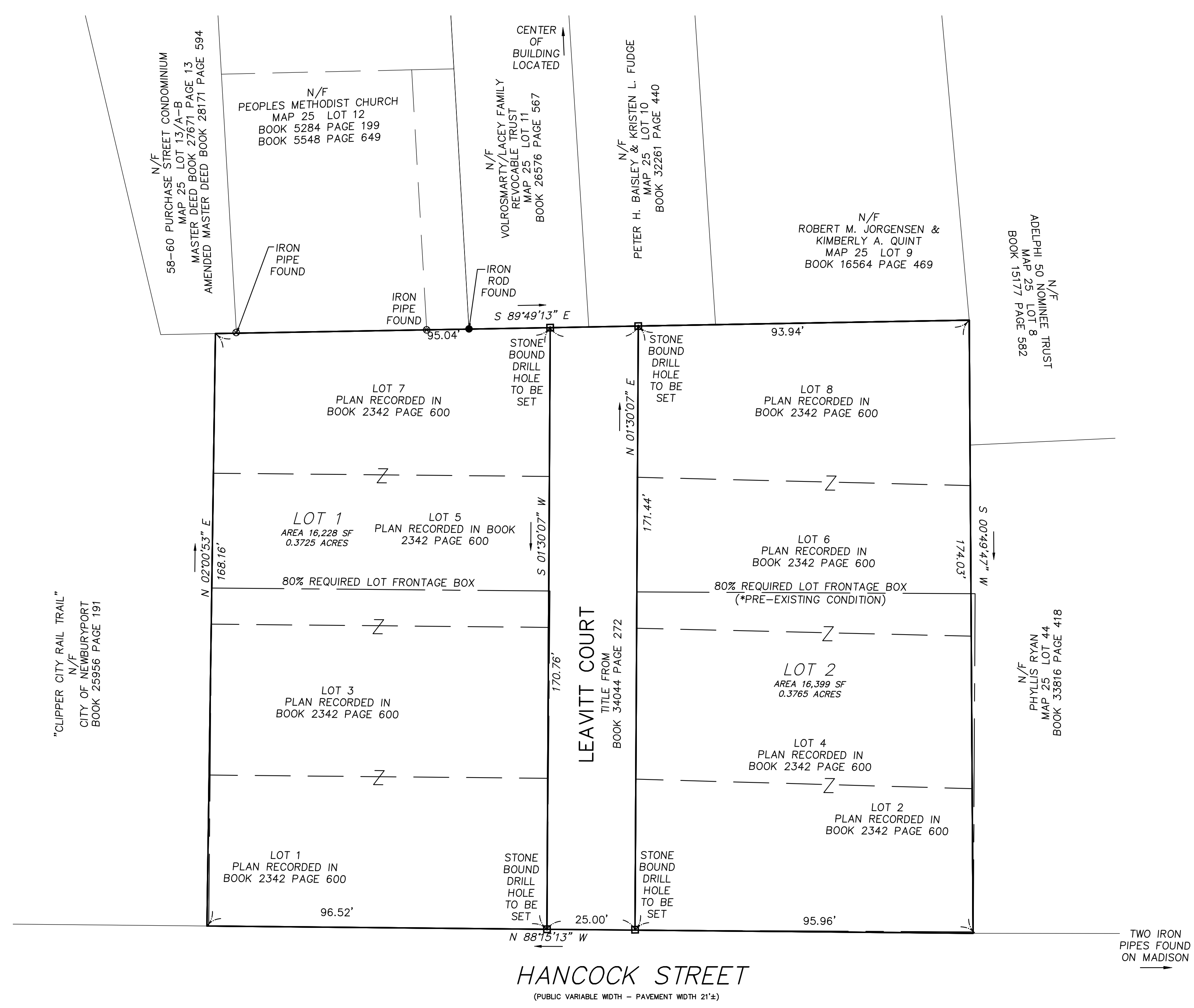
PROJECT NO.  
 2020-21-27HANCOCK

DATE: JAN 20, 2021

SHEET NO.  
 S1



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OWNERSHIP INFORMATION USED IN THE PREPARATION OF THIS PLAN WAS OBTAINED FROM THE CITY OF NEWBURYPORT ASSESSOR'S OFFICES AND SOUTHERN ESSEX DISTRICT REGISTRY OF DEEDS.

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I CERTIFY THAT THIS PLAN WAS PREPARED IN CONFORMANCE WITH THE RULES FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS.

EVERETT J. CHANDLER  
 P.L.S. EVERETT J. CHANDLER, P.L.S.  
 MASS. REGISTRATION NO. 41783

**LOCUS TITLE INFORMATION**

**21 HANCOCK STREET**

OWNER: G&S MASSACHUSETTS REALTY TRUST

DEED REFERENCE: BOOK 34044 PAGE 272

ASSESSORS: MAP 25 PARCEL 42

PLAN REF: LOTS 1, 3, 5, 7 & LEAVITT COURT AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600

**27 HANCOCK STREET**

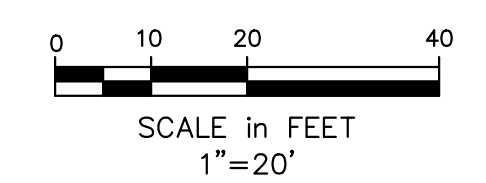
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ASSESSORS: MAP 25 PARCEL 43

PLAN REF: LOTS 2, 4, 6 & 8 AS SHOWN ON PLAN RECORDED IN BOOK 2342 PAGE 600

**HANCOCK STREET**  
 (PUBLIC VARIABLE WIDTH - PAVEMENT WIDTH 21')



CITY OF NEWBURYPORT OFFICE OF THE CITY CLERK	NEWBURYPORT PLANNING BOARD
I, CLERK OF THE CITY OF NEWBURYPORT, 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 AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.	_____
CLERK	DATE
_____	DATE

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Winter GEC, LLC 44 MERRIMAC STREET NEWBURYPORT, MA 01950 978-270-8626	SCALE: HORIZ: 1"= 20' VERT: _____	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISIONS</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	REVISIONS					FIELD: <u>CO</u> CALCS: <u>EC</u> CHECKED: <u>EJC</u> APPROVED: <u>EJC</u>	<b>PLAN OF LAND</b>  <b>21 &amp; 27 HANCOCK STREET</b>	PLAN OF LAND IN NEWBURYPORT, MA SURVEYED FOR CASWELL DEVELOPMENT, LLC	PROJECT NO. 2020-21-27HANCOCK DATE: <u>MAR 30, 2021</u>  SHEET NO. <b>S2</b>
	NO.	DATE	BY	REVISIONS										



PIPE MATERIALS:  
 (TO BE CONFIRMED WITH MECHANICAL ENGINEER)  
 SEWER: PVC ASTM D3034-SDR 35. (SIZE AS NOTED)  
 WATER: DOMESTIC: CONCRETE LINED DUCTILE IRON PIPE (SIZE AS NOTED)  
 FIRE: CONCRETE LINED DUCTILE IRON PIPE (SIZE AS NOTED)  
 ALL WATER LINES SHALL HAVE A MINIMUM OF 5 FEET OF COVER.



DEVELOPER:  
 CASWELL DEVELOPMENT  
 24 GRAF ROAD  
 NEWBURYPORT MA

ARCHITECT:  
 GRAF ARCHITECTS  
 2 LIBERTY STREET  
 NEWBURYPORT MA

SURVEYOR  
 WINTER GEC  
 44 MERRIMAC ST. UNIT 312  
 NEWBURYPORT, MA

PROJECT TEAM

"I CERTIFY THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS."

21-27 HANCOCK  
 NEWBURYPORT, MA.

PROJECT INFO

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2	PEER REVIEW	03/31/2021
1	PLAN UPDATE	03/19/2021



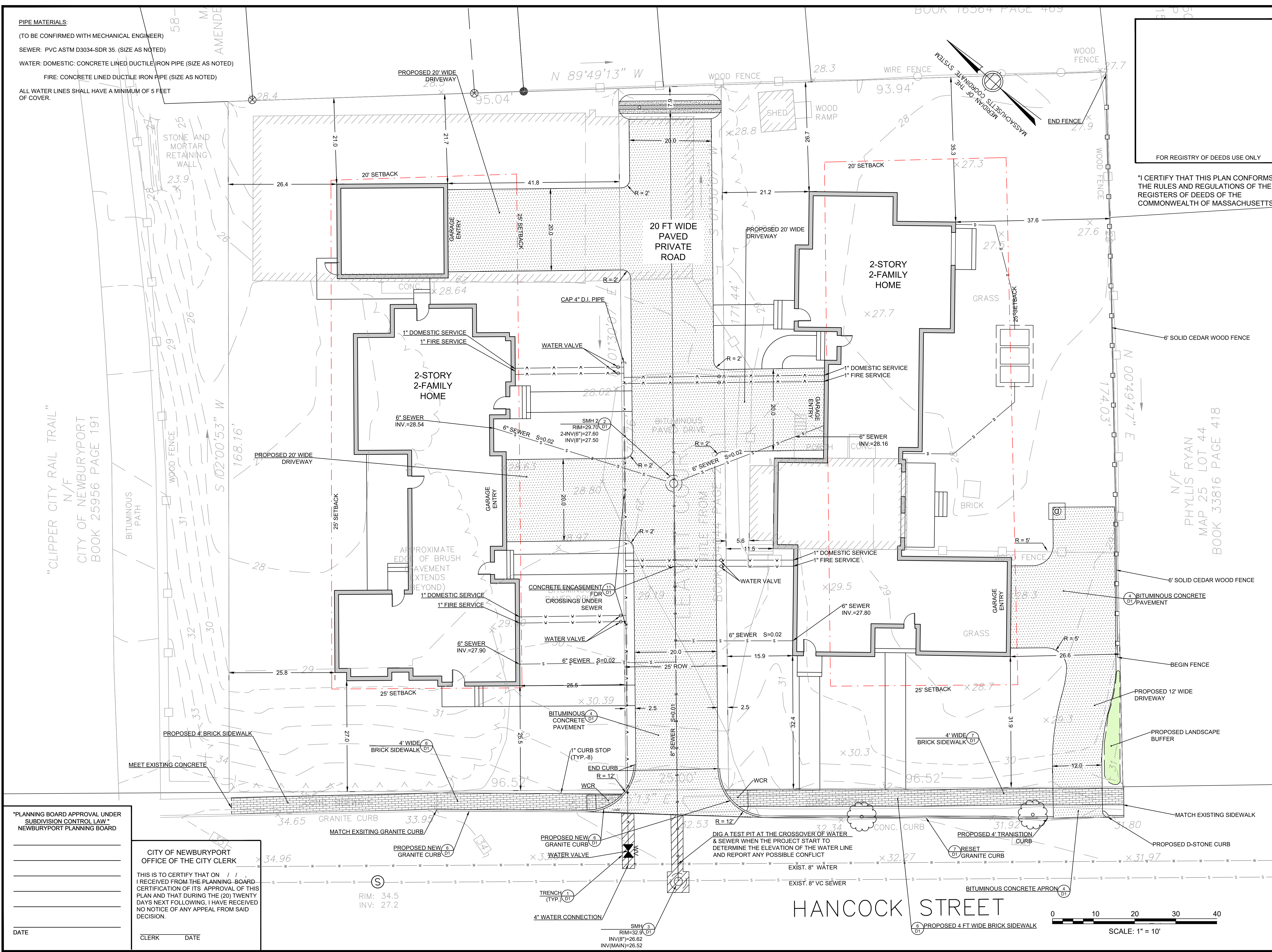
STAMP:

**SITE LAYOUT & UTILITIES PLAN**

SHEET NAME:

**C1**

SHT NO:  
 DR BY: GS  
 CHK BY: SS  
 PROJ NO: PLAN  
 DATE: 12/14/2020  
 SCALE: 1"=10'



"PLANNING BOARD APPROVAL UNDER SUBDIVISION CONTROL LAW" NEWBURYPORT PLANNING BOARD

DATE \_\_\_\_\_

CITY OF NEWBURYPORT  
 OFFICE OF THE CITY CLERK

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CLERK \_\_\_\_\_ DATE \_\_\_\_\_

RIM: 34.5  
 INV: 27.2

HANCOCK STREET



P:\2020 Projects\2020-087 Leavitt Ct Newburyport\Eng\ENGINEERING\20-087\_LAY\_MAT.dwg



\* ALL GUTTERS TO BE PIPED TO INFILTRATION CHAMBERS.  
\* THE PROJECT REDUCES IMPERVIOUS SURFACES AND AS SUCH REDUCES OFFSITE STORMWATER FLOW FROM THE PROPERTY

RAIN GARDEN  
BOTTOM=27.68  
RIM(B)=28.18

PERFORATE PIPE  
INV(12")=25.18  
TOS=26.68  
BOS=24.68

FOR REGISTRY OF DEEDS USE ONLY

"I CERTIFY THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS."

NORTH



**DCI**  
Design Consultants Inc.  
Somerville - Quincy - Newburyport  
www.dci-ma.com

DEVELOPER:  
CASWELL DEVELOPMENT  
24 GRAF ROAD  
NEWBURYPORT MA

ARCHITECT:  
GRAF ARCHITECTS  
2 LIBERTY STREET  
NEWBURYPORT MA

SURVEYOR  
WINTER GEC  
44 MERRIMAC ST. UNIT 312  
NEWBURYPORT, MA

PROJECT TEAM

21-27 HANCOCK  
NEWBURYPORT, MA.

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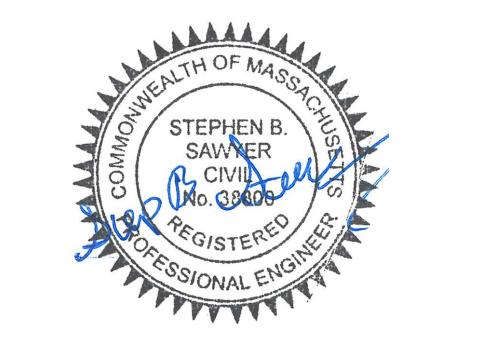
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\_\_\_\_\_  
DATE

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CLERK DATE



STAMP:

**GRADING & DRAINAGE PLAN**

SHEET NAME:

**C2**

SHT NO:

DR BY: GS

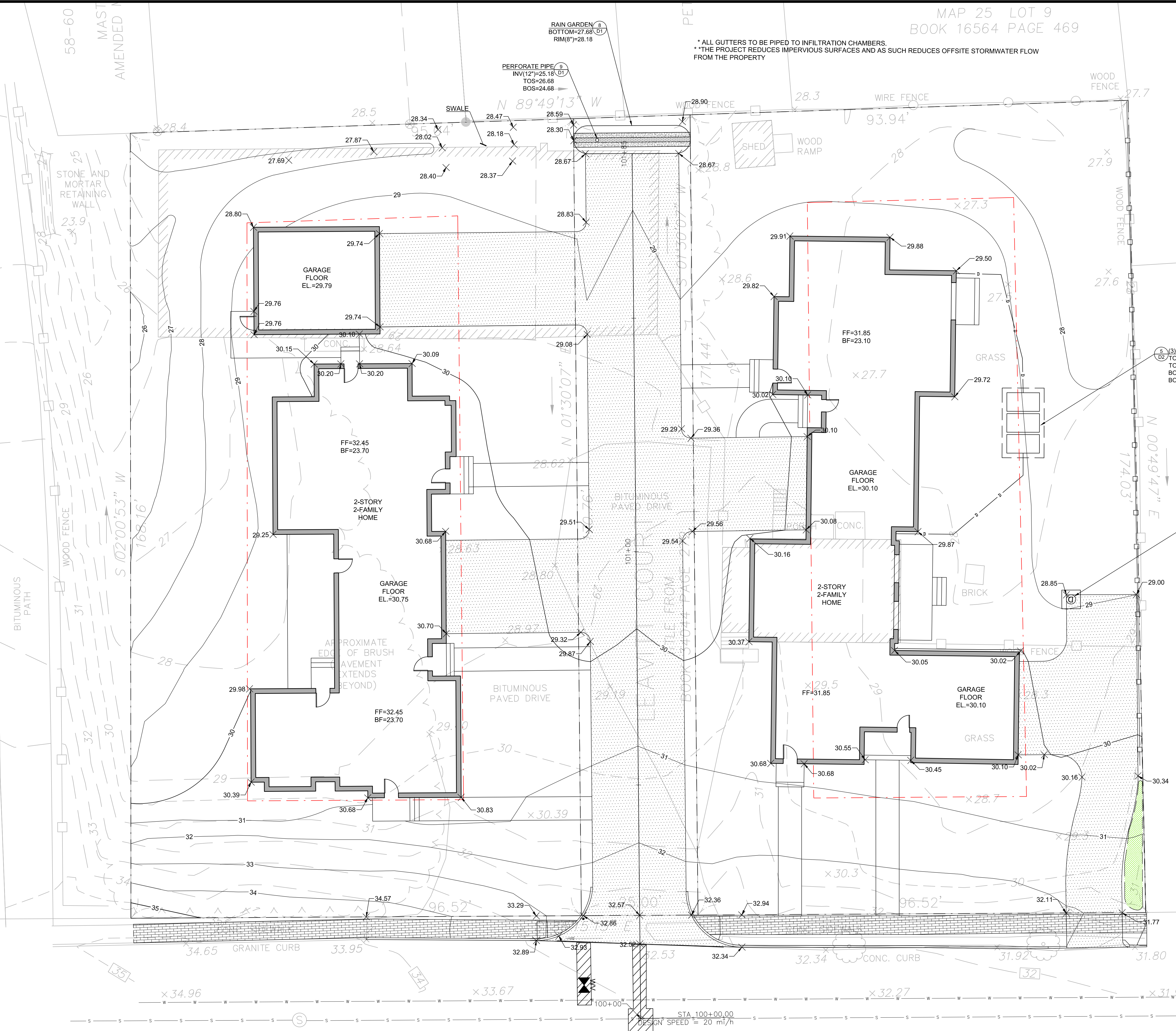
CHK BY: SS

PROJ NO: 20-087

DATE: 02/17/2021

SCALE: 1"=10'

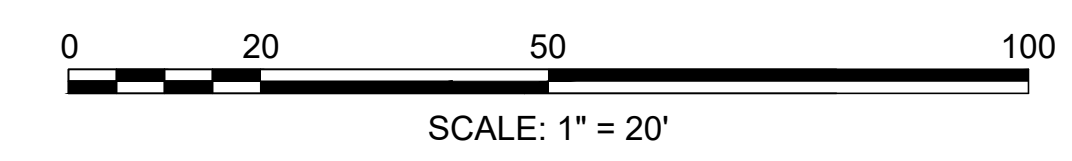
"CLIPPER CITY RAIL TRAIL"  
N/F  
CITY OF NEWBURYPORT  
BOOK 25956 PAGE 191



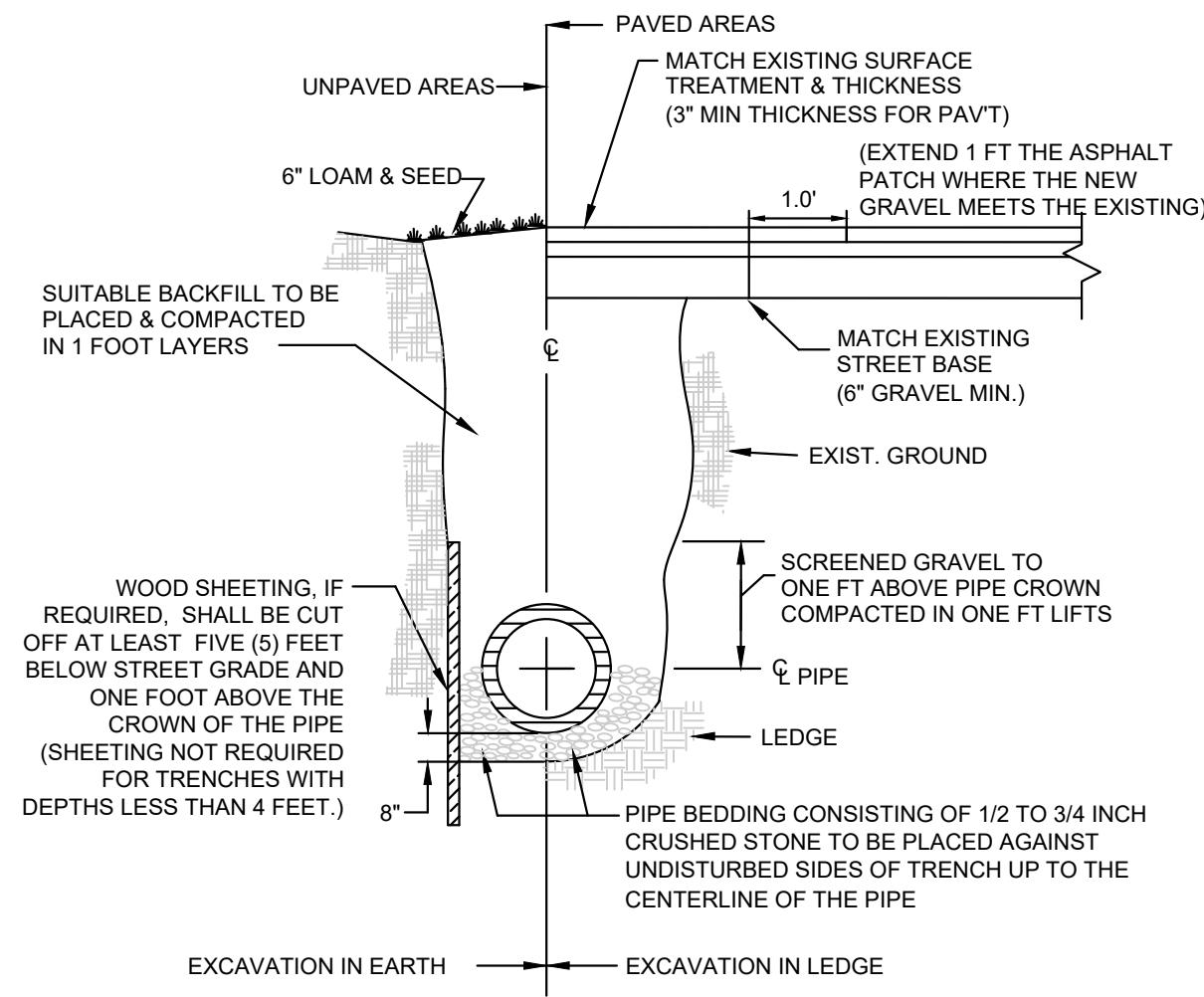
RIM: 34.5  
INV: 27.2

STA 100+00.00  
DESIGN SPEED = 20 mi/h

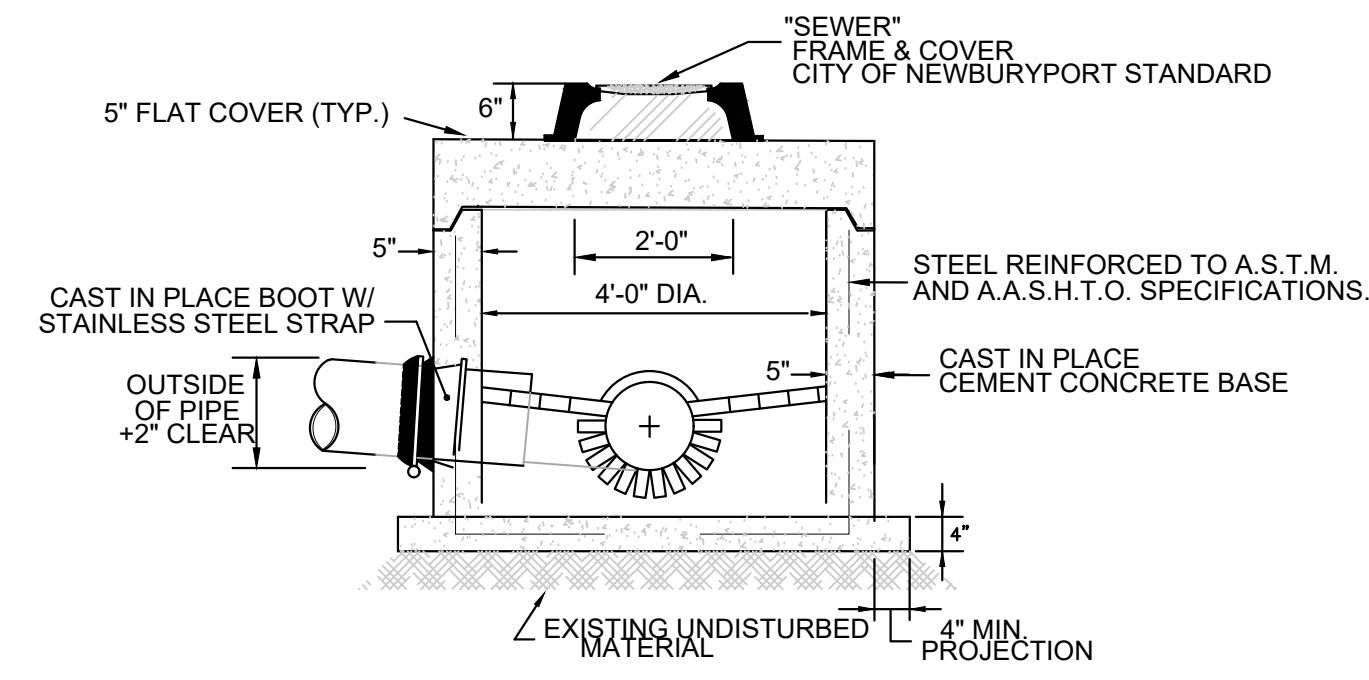
HANCOCK STREET



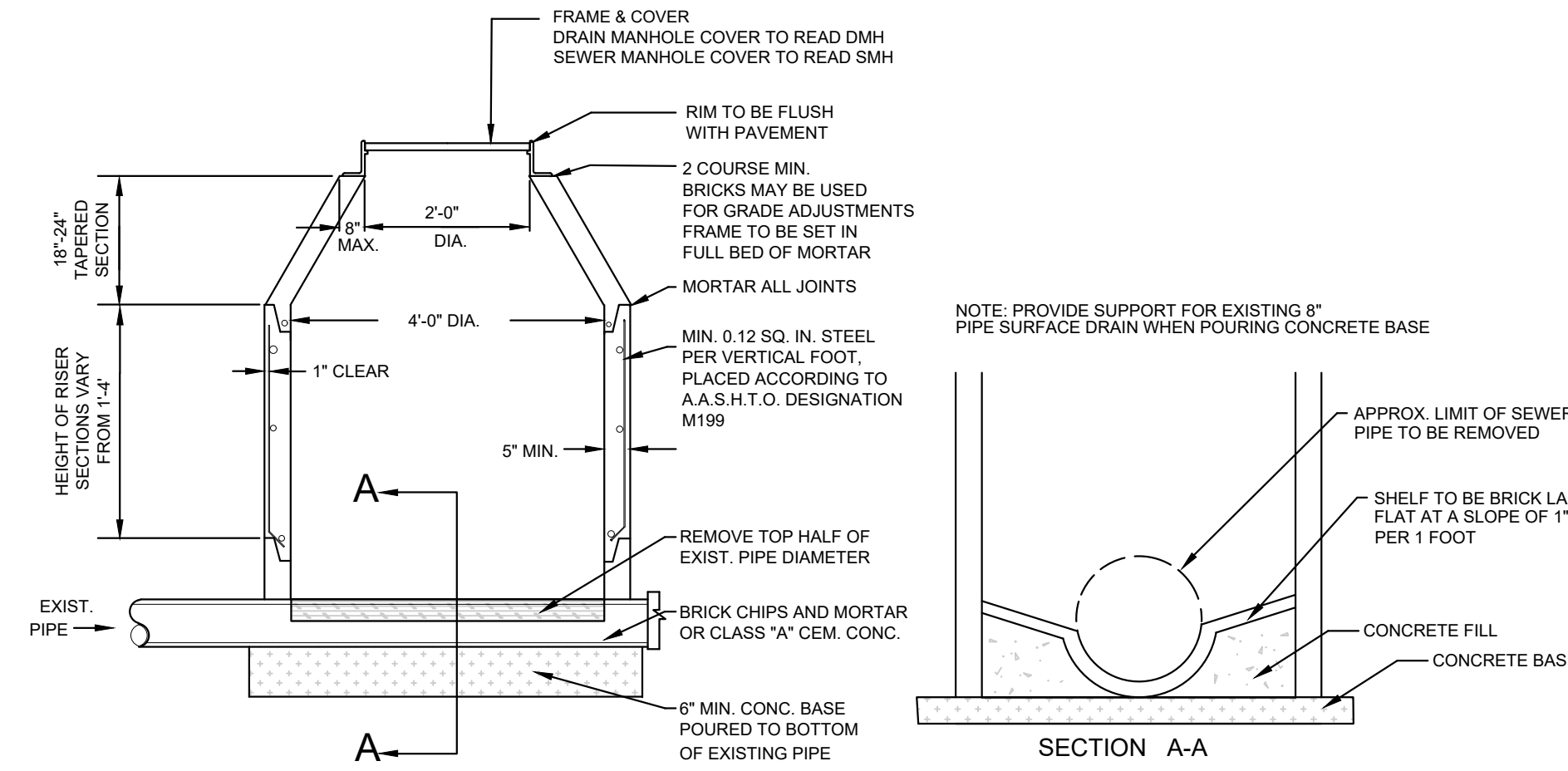




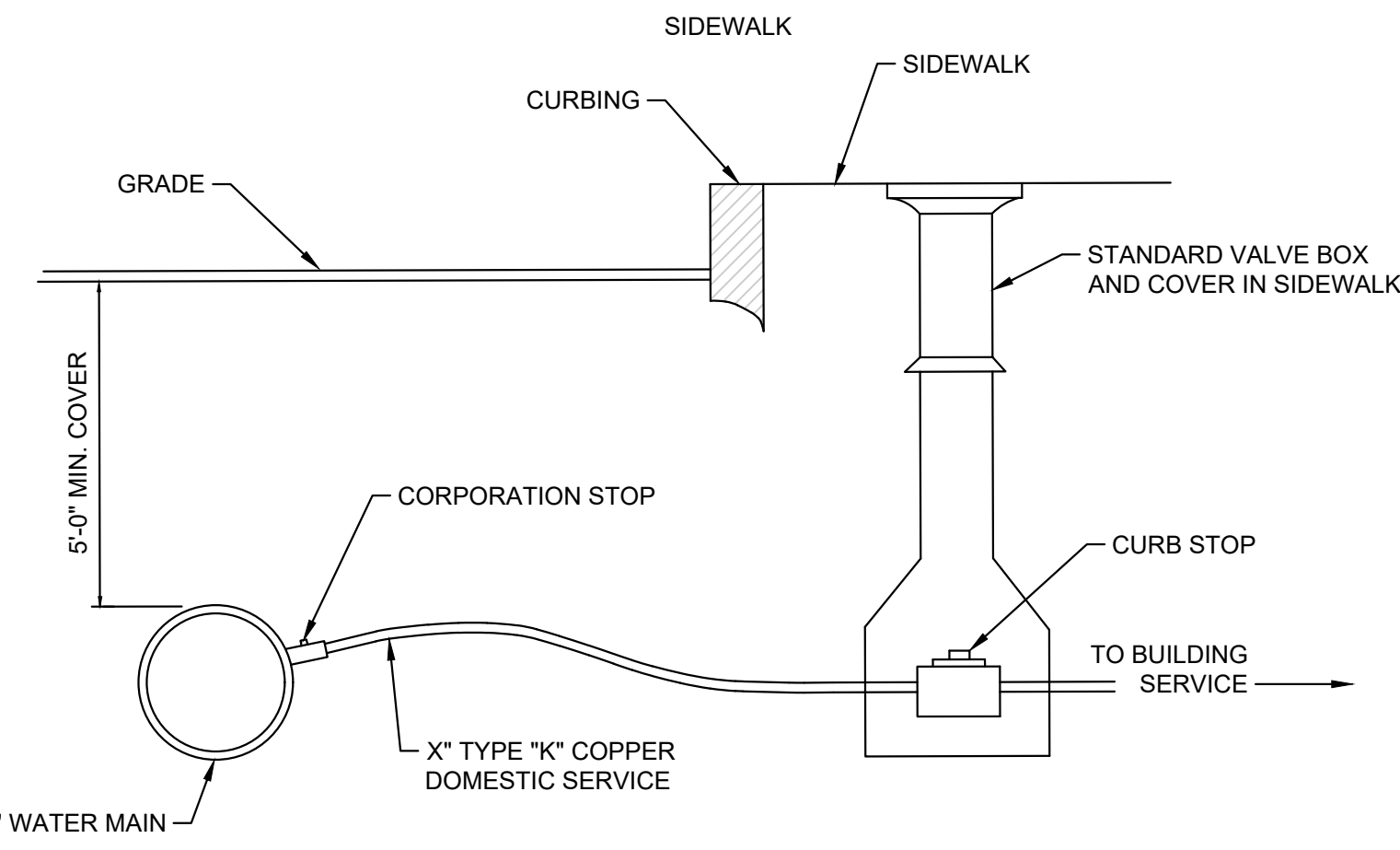
1 UTILITY TRENCH  
NOT TO SCALE



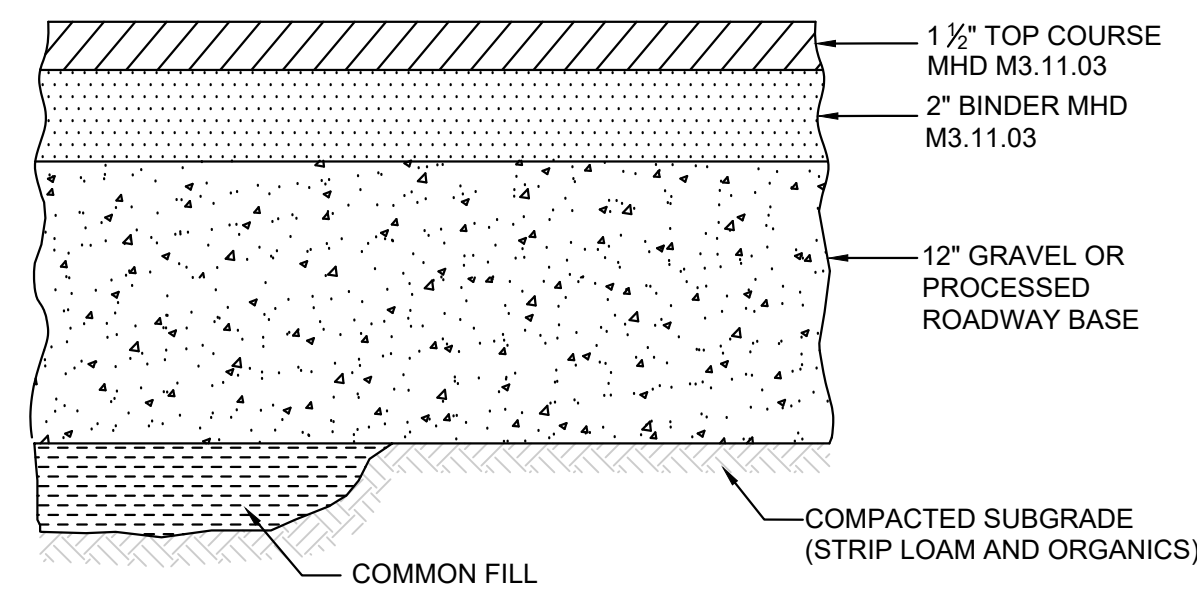
2 PRECAST CONCRETE SEWER MANHOLE  
NOT TO SCALE



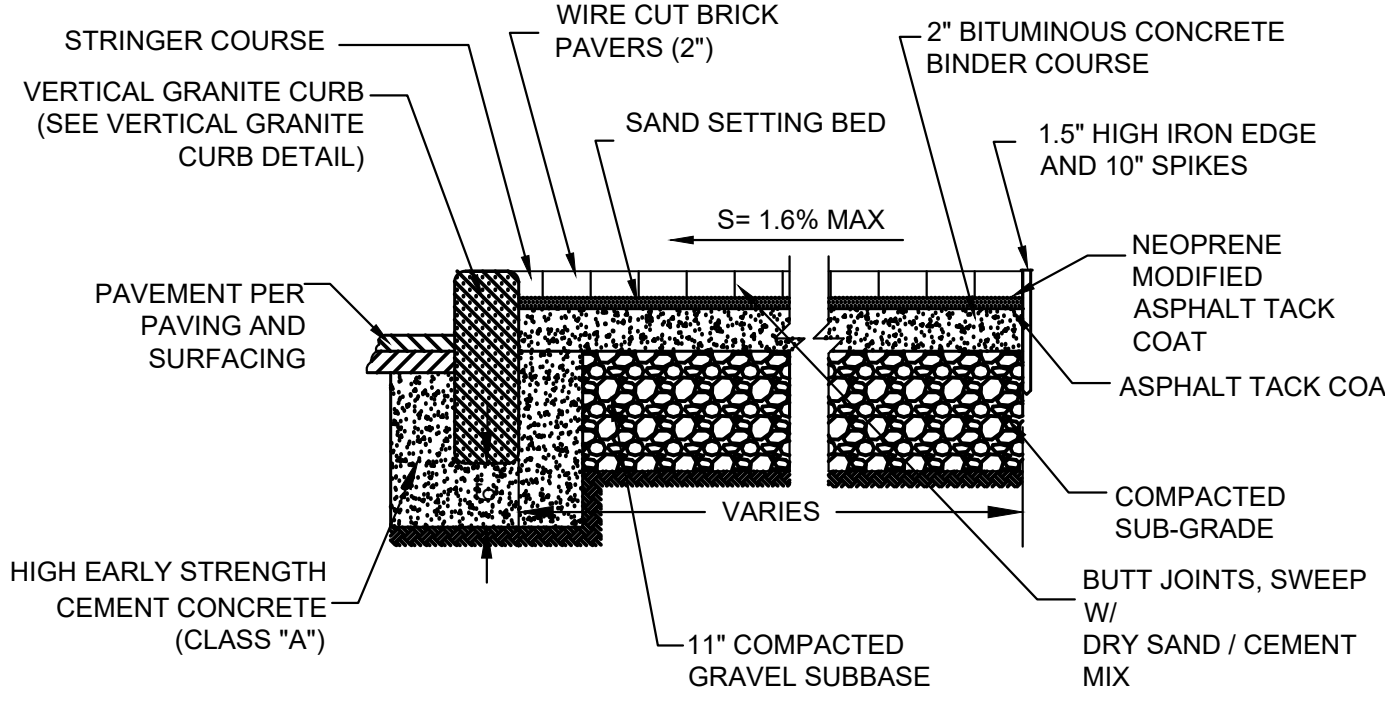
3 MANHOLE OVER EXISTING PIPE  
NOT TO SCALE



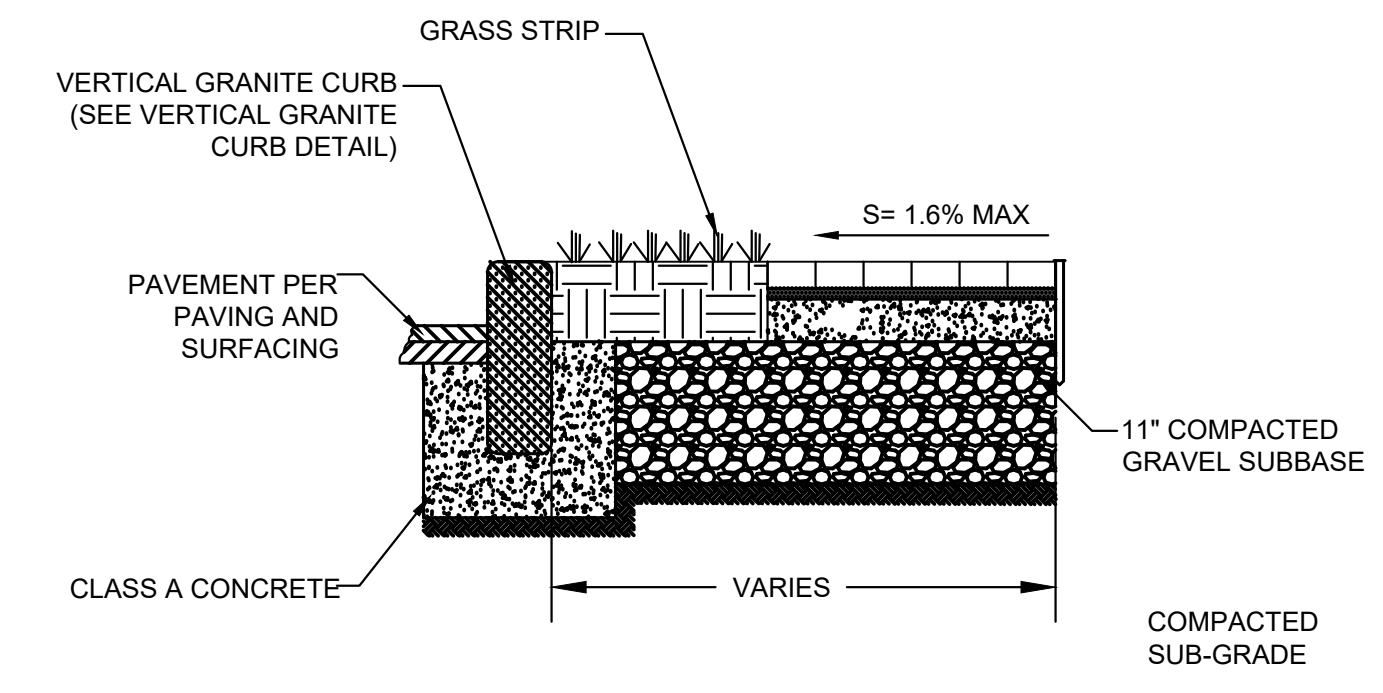
4 COPPER WATER SERVICE CONNECTION  
NOT TO SCALE



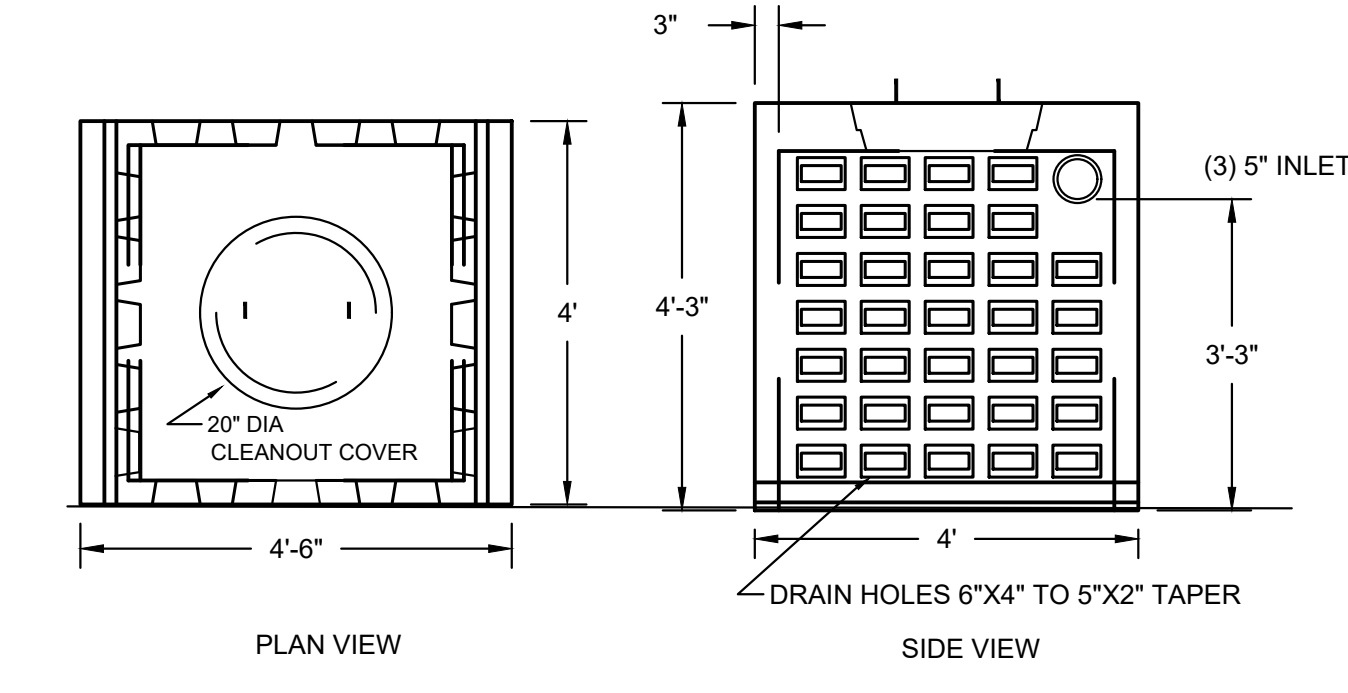
5 BITUMINOUS CONCRETE PAVEMENT  
NOT TO SCALE



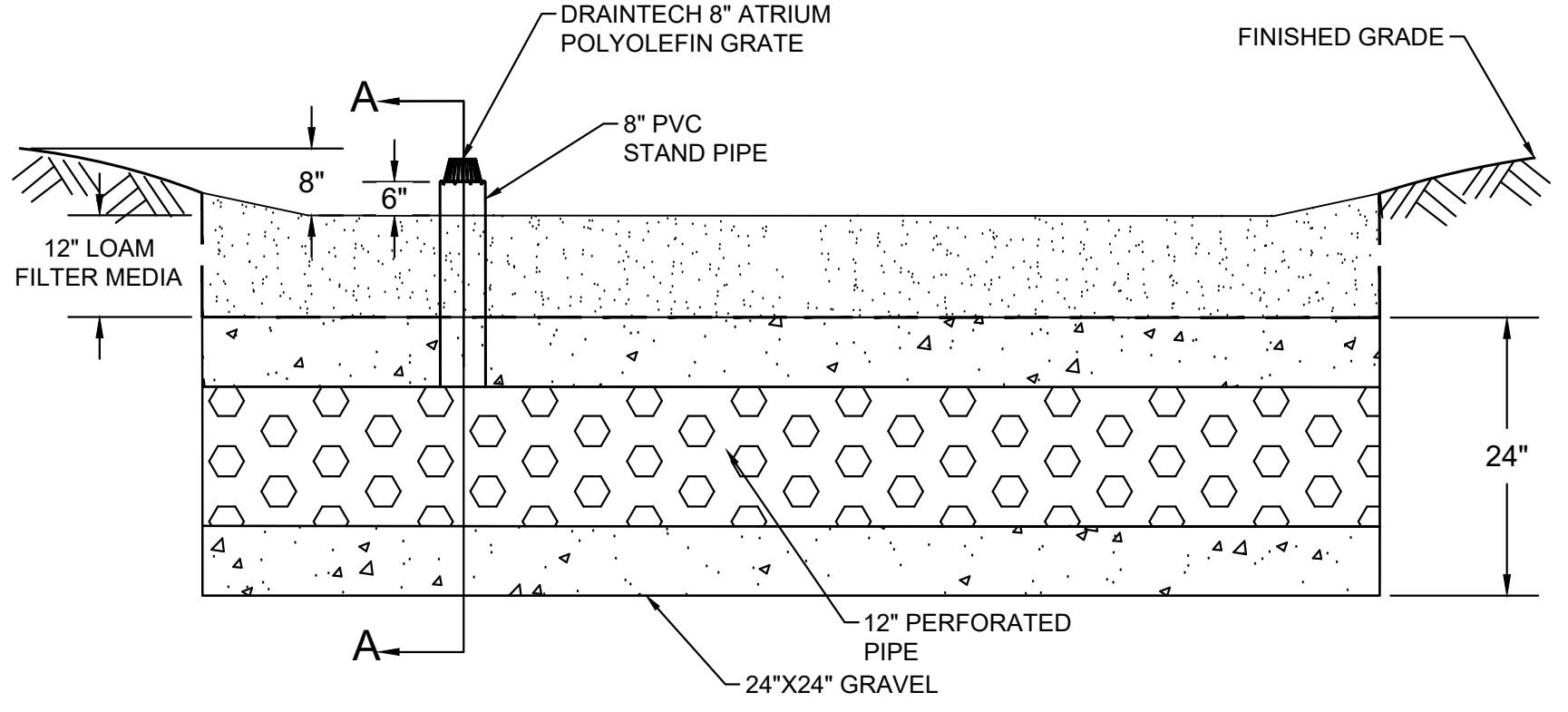
6 BRICK SIDEWALK  
NOT TO SCALE



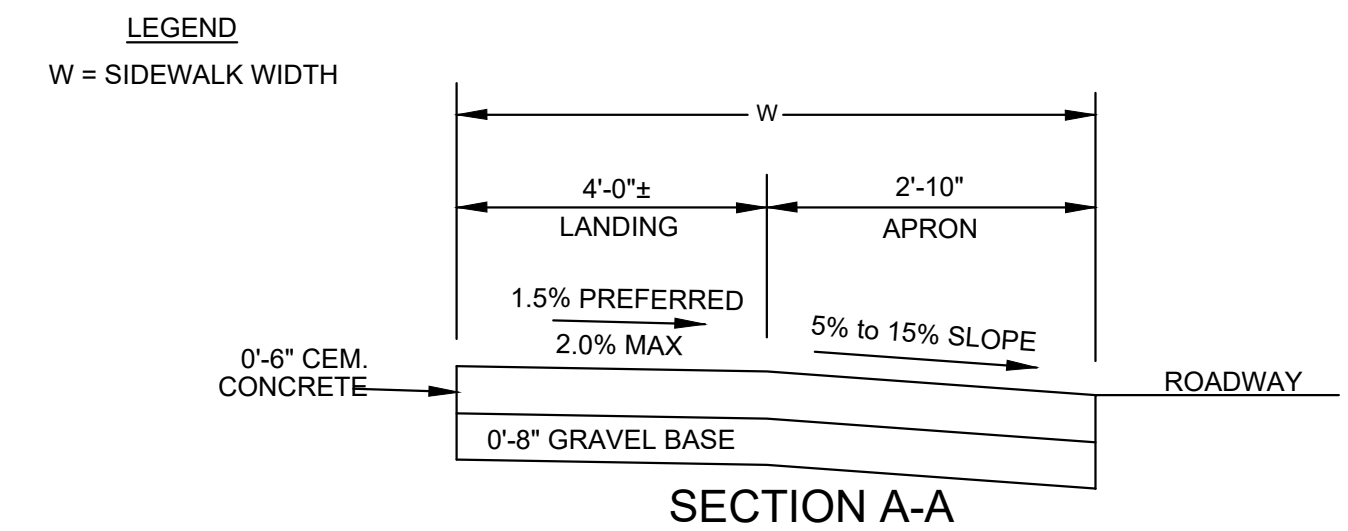
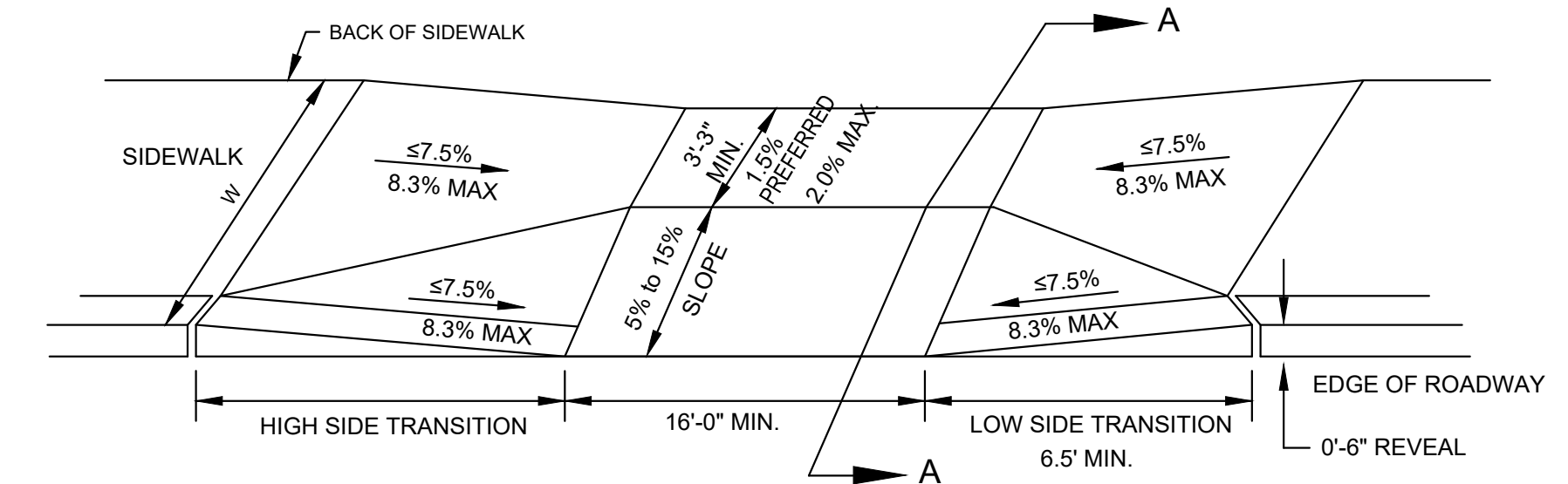
7 BRICK SIDEWALK & GRASS STRIP  
NOT TO SCALE



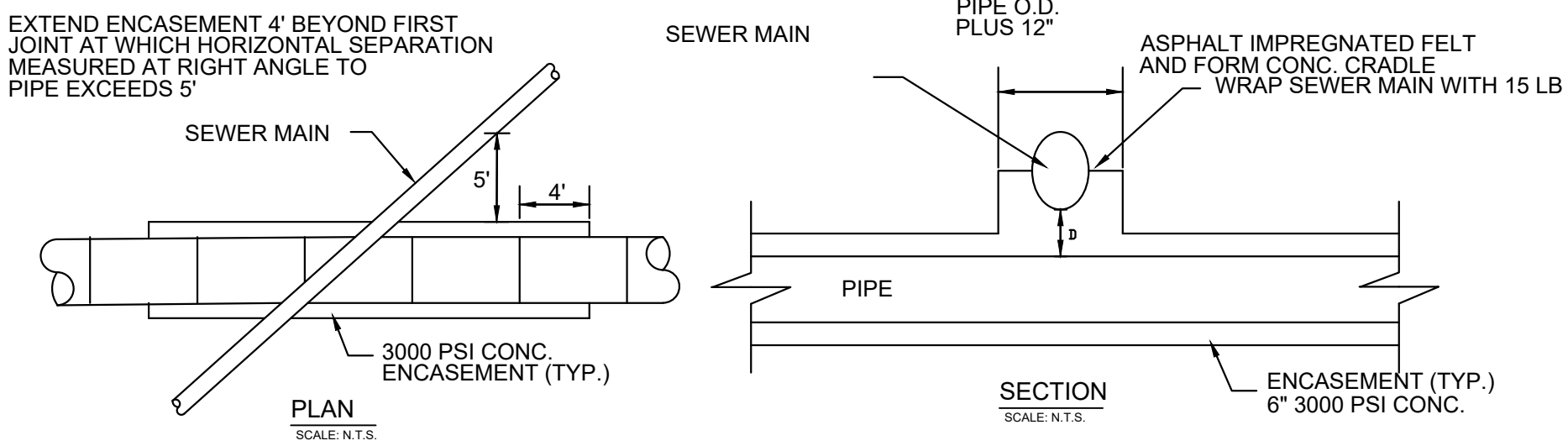
8 DRY WELL 300 GALLON  
NOT TO SCALE



9 RAIN GARDEN  
NOT TO SCALE



10 DRIVEWAY WITH TIPDOWNS  
NOT TO SCALE



11 CONCRETE ENCASUREMENT DETAIL  
NOT TO SCALE



**DEVELOPER:**  
CASWELL DEVELOPMENT  
24 GRAF ROAD  
NEWBURYPORT MA

**ARCHITECT:**  
GRAF ARCHITECTS  
2 LIBERTY STREET  
NEWBURYPORT MA

**SURVEYOR:**  
WINTER GEC  
44 MERRIMAC ST. UNIT 312  
NEWBURYPORT, MA

PROJECT TEAM

21-27 HANCOCK  
NEWBURYPORT, MA.

REV	DESCRIPTION	DATE
2	PEER REVIEW	03/31/2021
1	PLAN UPDATE	03/19/2021



STAMP:

**CONSTRUCTION DETAILS**

CITY OF NEWBURYPORT  
OFFICE OF THE CITY CLERK

THIS IS TO CERTIFY THAT ON / / I RECEIVED FROM THE PLANNING BOARD CERTIFICATION OF ITS APPROVAL OF THIS PLAN AND THAT DURING THE (20) TWENTY DAYS NEXT FOLLOWING, I HAVE RECEIVED NO NOTICE OF ANY APPEAL FROM SAID DECISION.

CLERK \_\_\_\_\_ DATE \_\_\_\_\_

"PLANNING BOARD APPROVAL UNDER SUBDIVISION CONTROL LAW"  
NEWBURYPORT PLANNING BOARD

SHEET NAME:  
**D1**

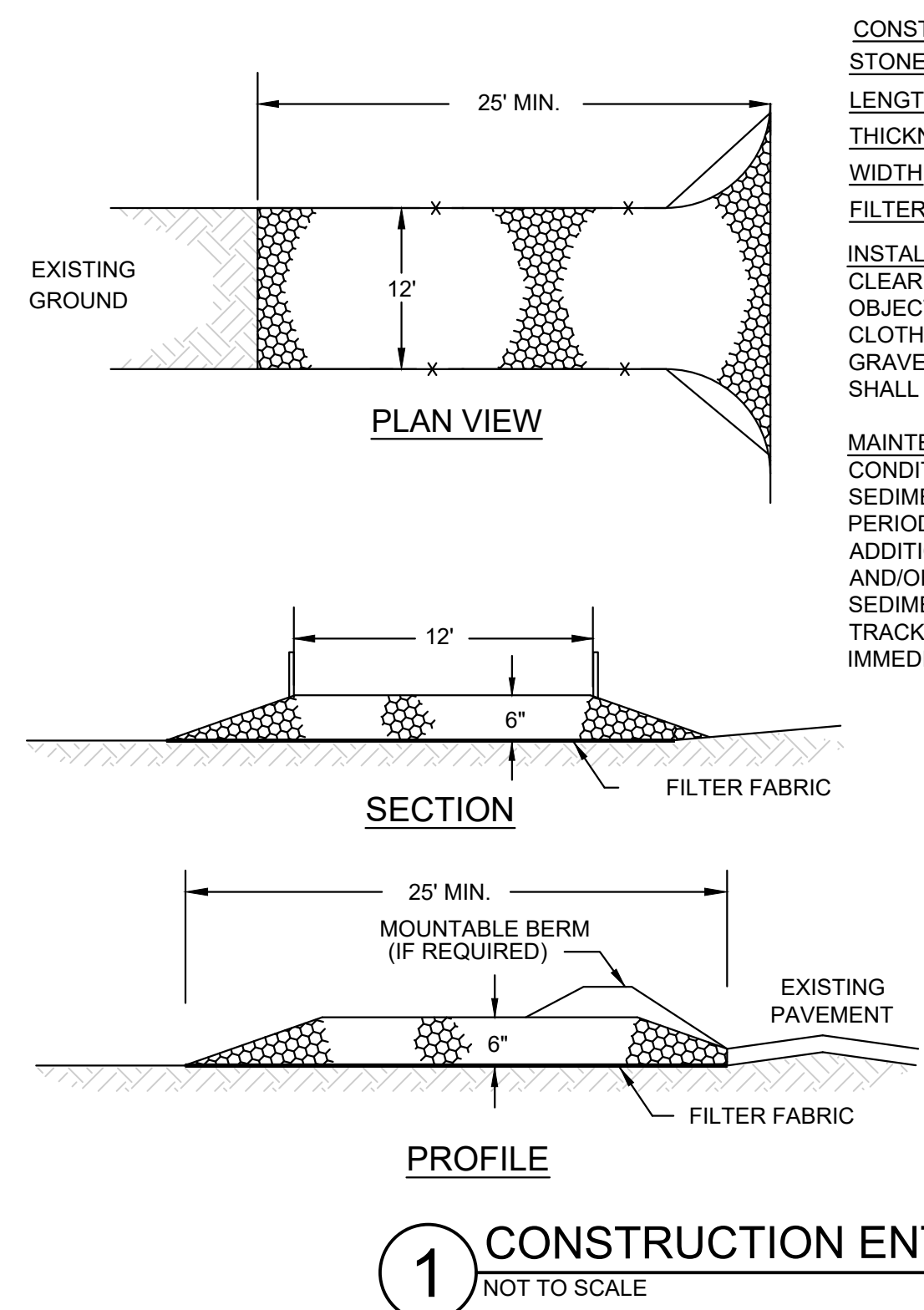
SHT NO:  
DR BY: MCH  
CHK BY: SBS  
PROJ NO: 20-087  
DATE: 02/17/2021  
SCALE: NOT TO SCALE

P:\2020 Projects\2020-087 Leavitt Ct Newburyport\Drawings\ENGINEERING\20-087-CIVIL-DETL.dwg



"I CERTIFY THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS."

FOR REGISTRY OF DEEDS USE ONLY



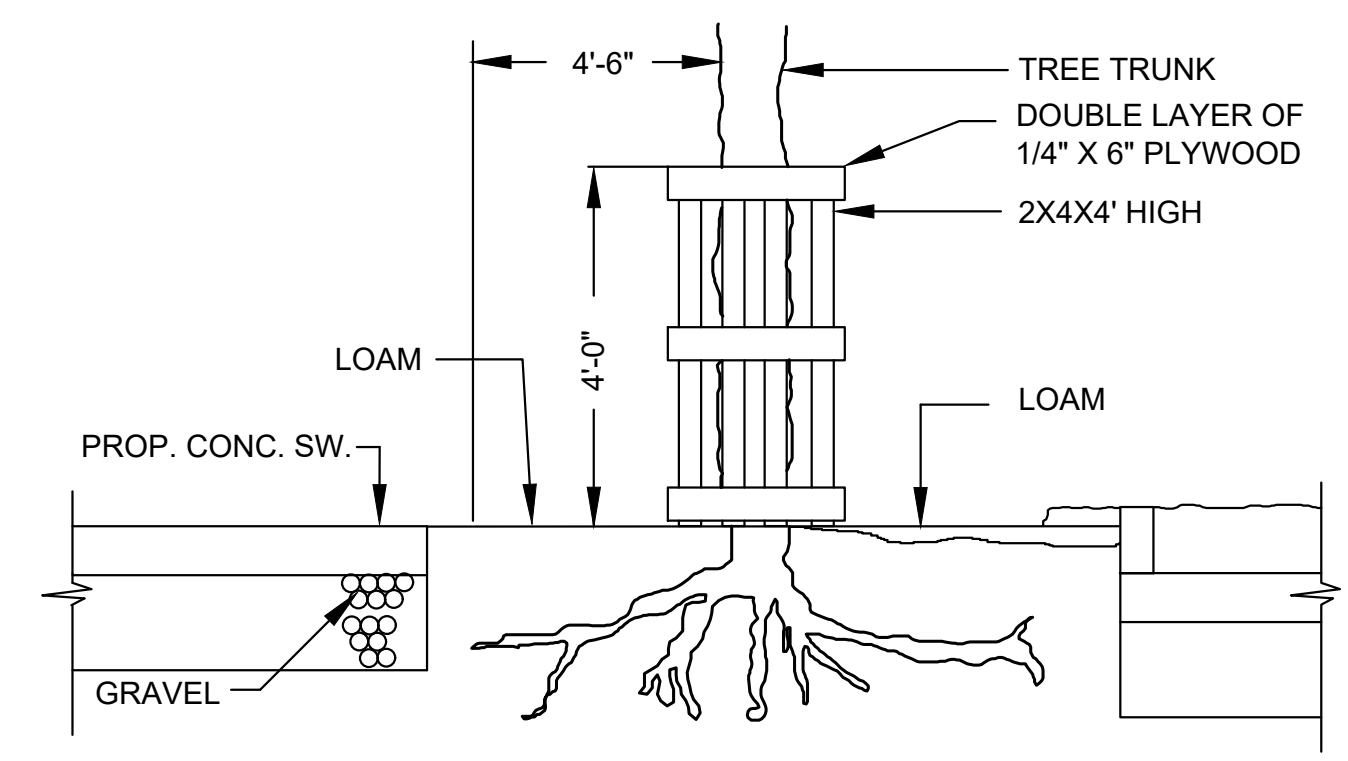
**CONSTRUCTION SPECIFICATIONS**  
STONE SIZE - SEE GRADATION TABLE  
LENGTH - 25 FOOT MINIMUM  
THICKNESS - SIX (6) INCHES (MINIMUM)  
WIDTH - 12' MINIMUM  
FILTER FABRIC - MIRAFI 600X OR APPROVED EQUAL.

**INSTALLATION** - THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. A ROAD STABILIZATION FILTER CLOTH CAN BE PLACED ON THE SUBGRADE PRIOR TO THE GRAVEL PLACEMENT TO PREVENT PUMPING. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS.

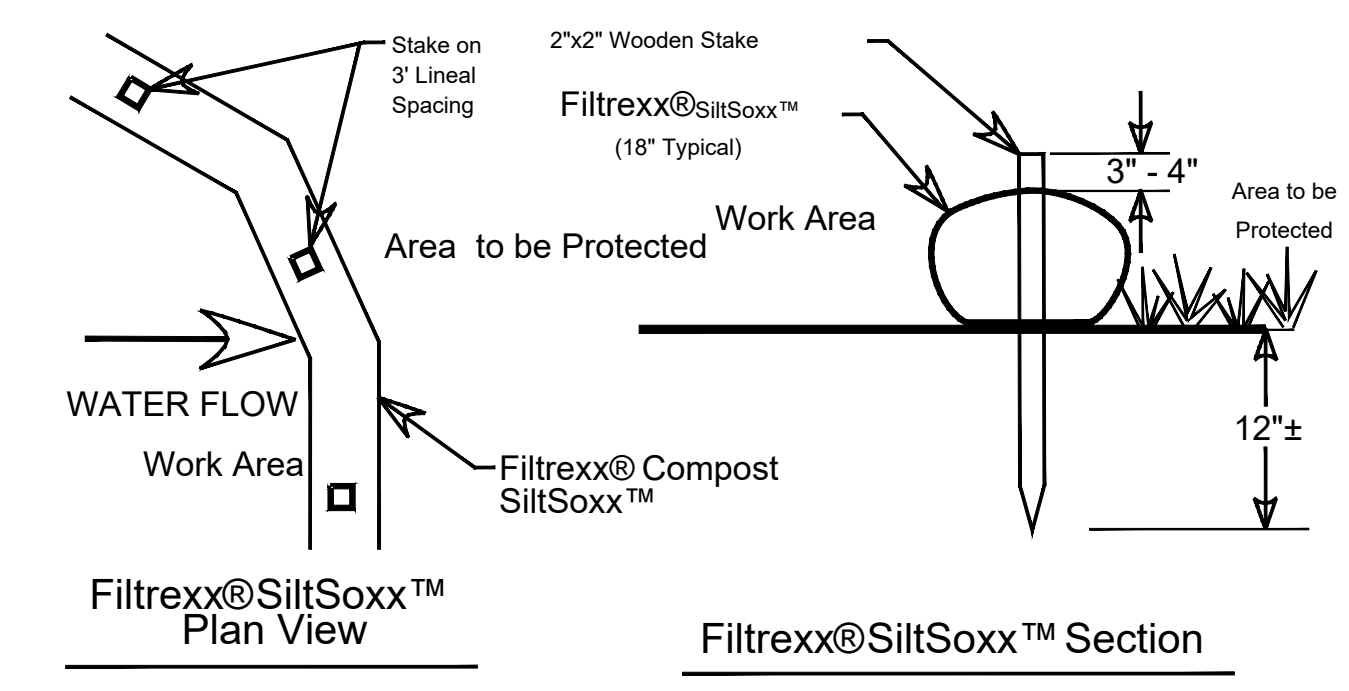
**MAINTENANCE** - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

**CRUSHED STONE GRADATION TABLE**

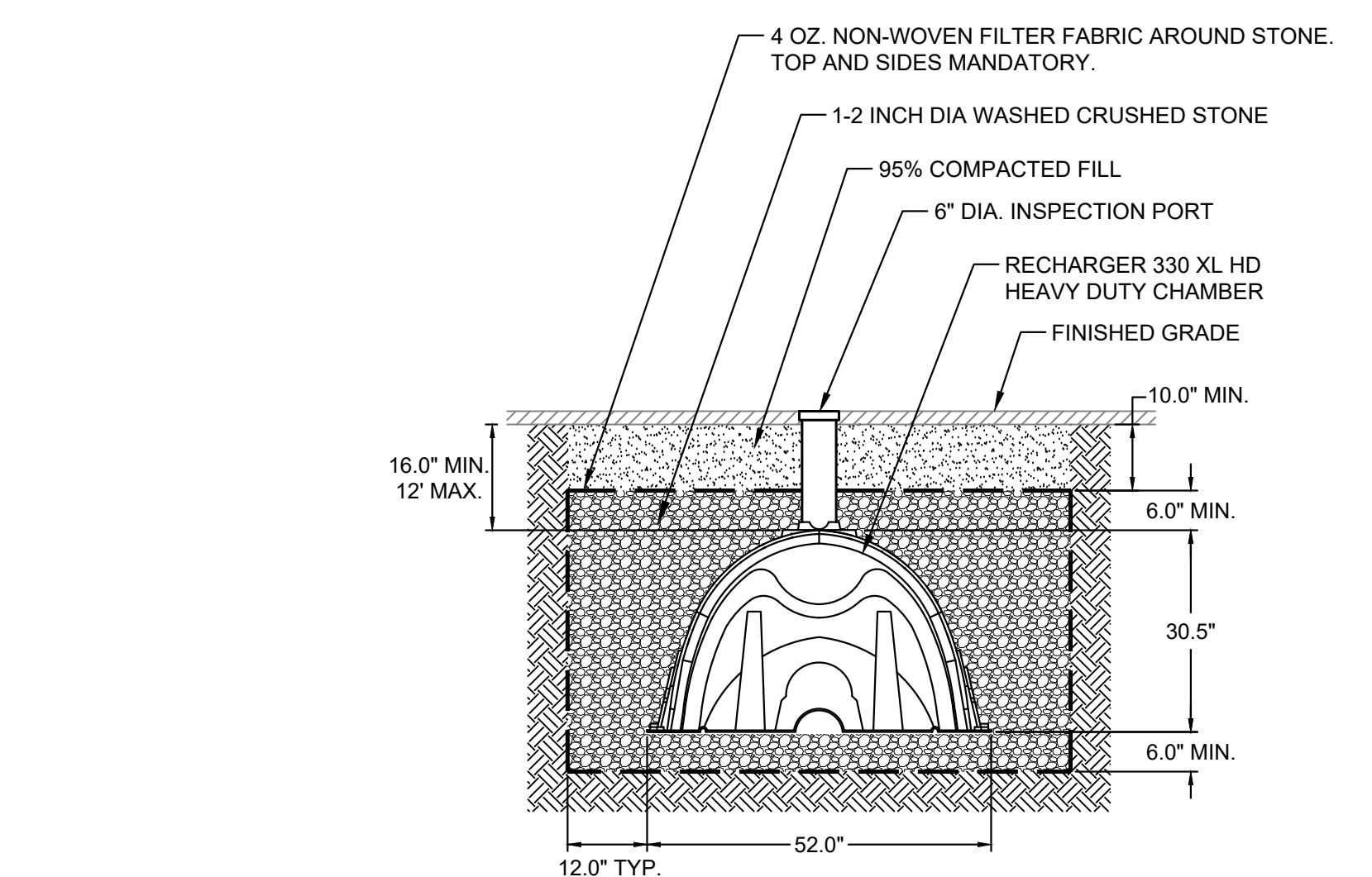
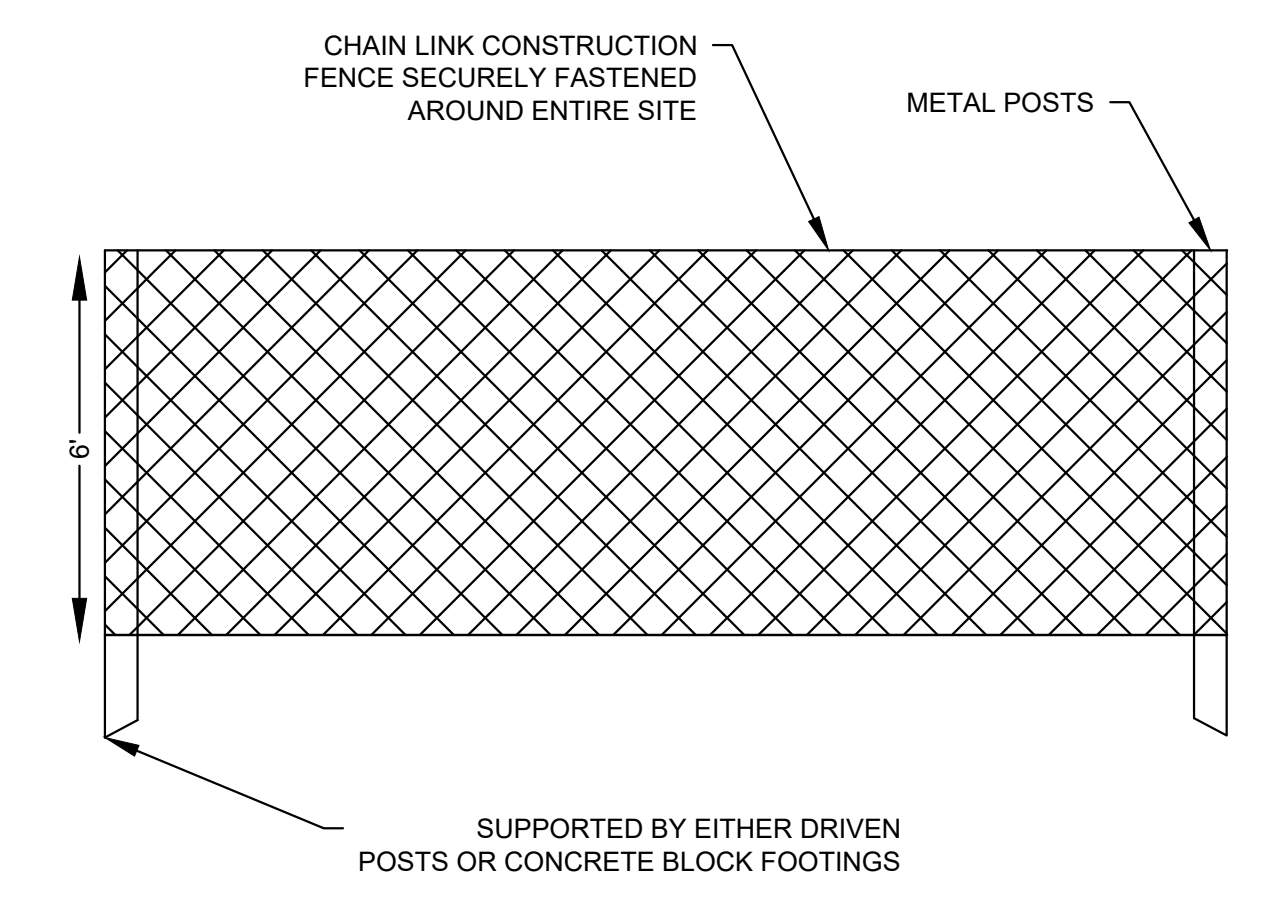
SIEVE SIZE	% PASSING BY WEIGHT
2 inches	100
1 1/2 inches	90-100
1 inch	40-55
3/4 inch	0-15
3/8 inch	0-5



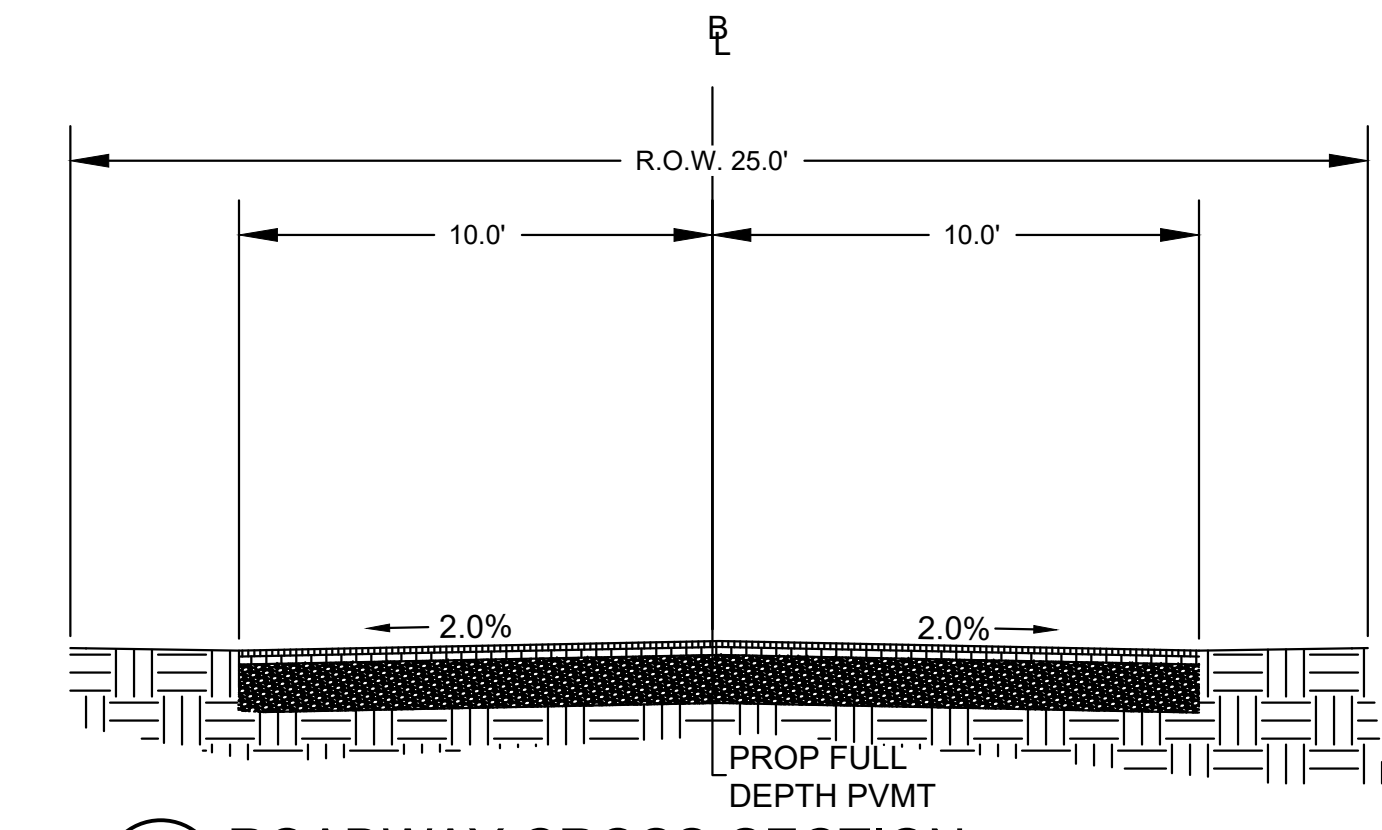
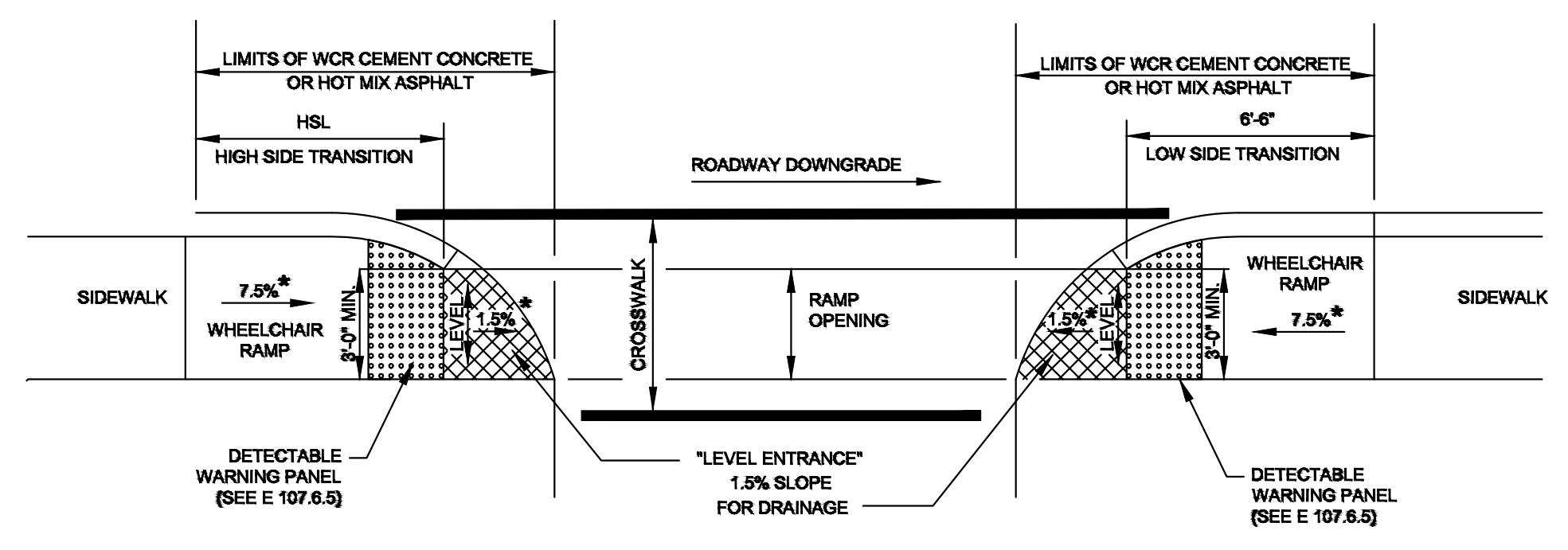
- NOTES:
- RESTRICT PASSAGE OF CONSTRUCTION EQUIPMENT THAT WILL INJURE EXPOSED OR UNDISTURBED TREE ROOTS OR OTHER PARTS OF THE TREE.
  - TREE ROOTS LOCATED LOWER THAN 10" BELOW FINISH GRADE WITHIN TREE PROTECTION WORKING AREA SHALL BE CUT ONLY IF NECESSARY.
  - PROVIDE 2X4X4' HIGH WOOD FRAME CAGE WITH HORIZONTAL PLYWOOD PLANKING AS PROTECTION FOR THE TREE DURING CONSTRUCTION OR AS DIRECTED BY THE ENGINEER.



- NOTES:
- ALL MATERIAL TO MEET FILTREXX@ SPECIFICATIONS.
  - SILTSOXX™ COMPOST/JSOIL/SEED FILL TO MEET APPLICATION REQUIREMENTS.
  - COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.



**GENERAL NOTES**  
RECHARGER 330XL HD BY CULTTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT. REFER TO CULTTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.  
ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.  
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.



CITY OF NEWBURYPORT  
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NEWBURYPORT PLANNING BOARD

DATE

21-27 HANCOCK  
NEWBURYPORT, MA.

PROJECT INFO

REV	DESCRIPTION	DATE
2	PEER REVIEW	03/31/2021
1	PLAN UPDATE	03/19/2021



STAMP:

CONSTRUCTION DETAILS

SHEET NAME:

**D2**

SHT NO:

DR BY: MCH  
CHK BY: SBS  
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