

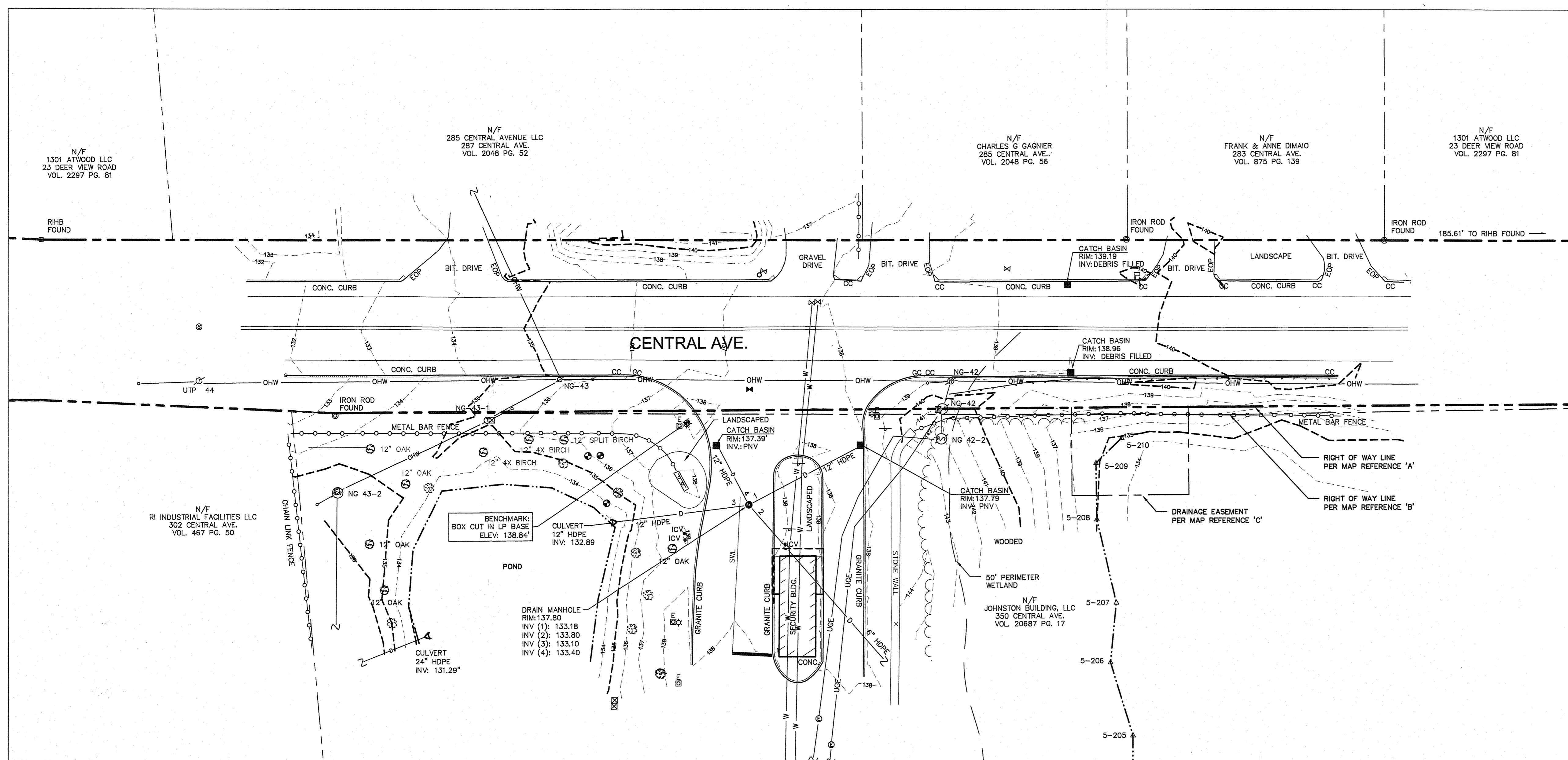
Zapotec Energy Inc.  
675 Massachusetts Ave  
Cambridge, MA 02139  
Tel: 617-547-6900  
Fax: 617-547-6901

**COLUMBIA**  
Construction Company

100 River Park Drive  
North Reading, MA 01864  
Tel: 978-864-9500

**FM Global HQ**  
PV Array  
Engineering  
Services

270 CENTRAL AVE  
JOHNSTON, RI



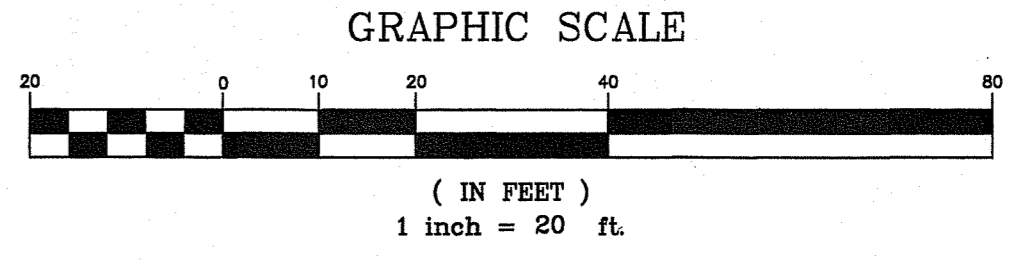
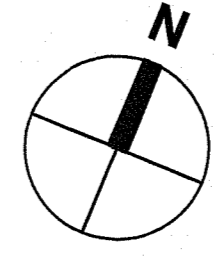
LEGEND			
HDPE	HIGH DENSITY POLYETHYLENE	SHRUB	SHRUB
SWL	SOLID WHITE LINE	POST	POST
RHB	RHODE ISLAND HIGHWAY BOUND	MAILBOX	MAILBOX
PNV	PIPE NOT VISIBLE	LIGHT POLE	LIGHT POLE
—	SIGN (SINGLE POSTED)	BENCHMARK	BENCHMARK
—	SIGN (DOUBLE POSTED)	VALVE	VALVE
—	CATCH BASIN	VENT	VENT
—	CULVERT	RIGHT OF WAY LINE	RIGHT OF WAY LINE
—	DRAIN MANHOLE	ABUTTER LINE	ABUTTER LINE
—	NO LABEL MANHOLE	EASEMENT LINE	EASEMENT LINE
—	SEWER MANHOLE	CHAIN LINK FENCE	CHAIN LINK FENCE
—	ELECTRIC BOX	METAL GUARDRAIL	METAL GUARDRAIL
—	ELECTRIC METER	TREE LINE	TREE LINE
—	ELECTRIC MANHOLE	—143—	INTERMEDIATE CONTOURS
—	GAS VALVE	—140—	INDEX CONTOURS
—	CABLE BOX	—S—	SEWER LINE
—	CABLE MANHOLE	—D—	DRAIN LINE
—	WATER GATE	—W—	WATER LINE
—	IRRIGATION CONTROL VALVE	—U—	UNDERGROUND ELECTRIC
—	UTILITY POLE WITH RISER	—OH—	OVERHEAD WIRES
—	UTILITY POLE		
—	UTILITY POLE WITH LIGHT AND TRANSFORMER		
—	UTILITY POLE WITH TRANSFORMER		
—	UTILITY POLE WITH RISER AND TRANSFORMER		
—	DECIDUOUS TREE		

**GENERAL NOTES**

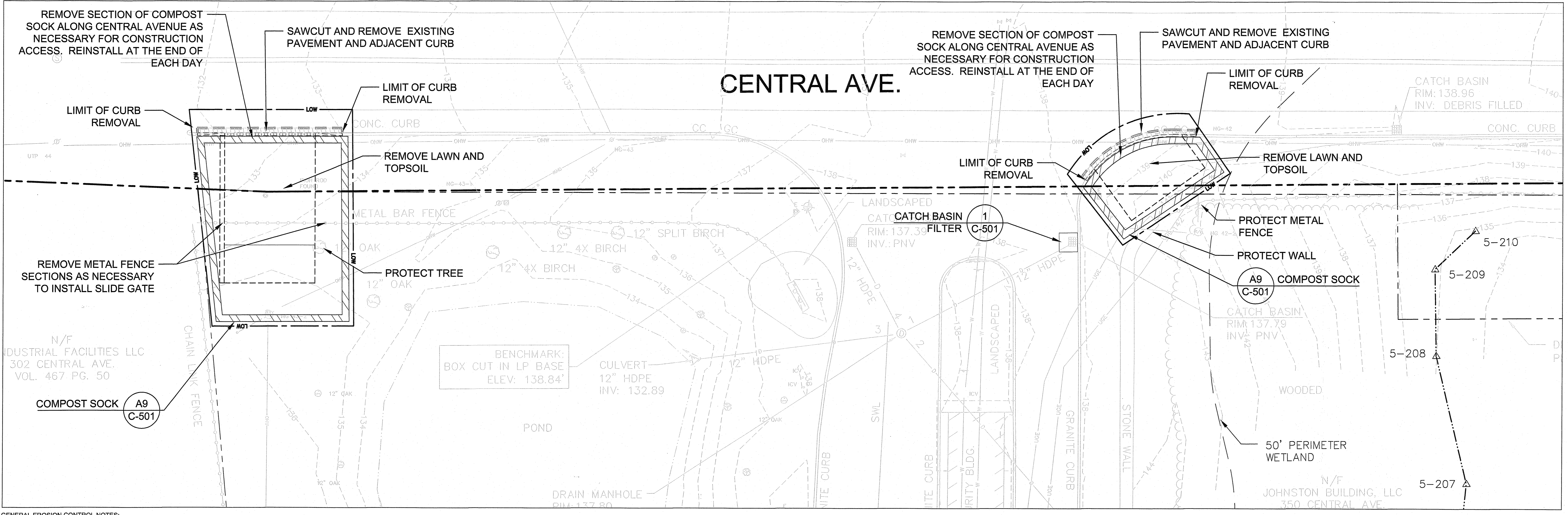
- THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP DURING APRIL OF 2020.
- NORTH ARROW REFERS TO THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM NAD83(2011), AND IS BASED UPON GPS OBSERVATIONS PERFORMED BY WSP.
- ELEVATIONS REFER TO NAVD83 AND ARE BASED BASED UPON GPS OBSERVATIONS PERFORMED BY WSP.
- THE LOCATION OF THE UTILITIES AS SHOWN HEREON HAVE BEEN COMPILED FROM VISIBLE STRUCTURES AND INFORMATION OBTAINED FROM VARIOUS SOURCES. THE ACTUAL LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER PRIOR TO ANY CONSTRUCTION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICES OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
- WETLANDS SHOWN HEREON WERE TAKEN FROM PLANS PREPARED BY WSP DATED NOVEMBER 2007, ENTITLED PROPOSED OFFICE BUILDING, CENTRAL AVENUE, JOHNSTON, RI, PREPARED FOR FM GLOBAL AND SUBJECT OF RIDEM WETLAND EDGE DELINEATION #07-0353.

**PLAN REFERENCES**

- "JOHNSTON, CENTRAL AVENUE FROM PROVIDENCE CITY LINE TO ATWOOD AVENUE" SCALE 1"=40'; SHEETS 4-6 OF 7, PLAT NO. 289, PREPARED BY RHODE ISLAND STATE BOARD OF PUBLIC ROADS, HIGHWAY ENGINEERING DEPARTMENT.
- "ADMINISTRATIVE SUBDIVISION PLAN IN JOHNSTON, RHODE ISLAND", SCALE 1"=120'; DATE: JUNE 18, 2008; PREPARED BY VANASSE HANGEN BRUSTLIN, INC., AND RECORDED IN MAP BOOK 3 PAGE 257 IN THE JOHNSTON TOWN HALL.
- "PLAT SHOWING LAND IN JOHNSTON, RHODE ISLAND, TAKEN IN FEE SIMPLE FOR STATE HIGHWAY PURPOSES ON BEHALF OF THE STATE OF RHODE ISLAND & PROVIDENCE PLANTATIONS BY THE DIRECTOR OF TRANSPORTATION" SCALE: 1"=40'; DATE: AUGUST 10, 1984; SHEET 5 OF 5; PREPARED BY RA CATALDO & ASSOCIATES INC.
- "MINOR SUBDIVISION RECORD PLAN GAGNIER PLAT, SCALE 1"=40'; DATE: DECEMBER 31, 2003; PREPARED BY BOYER ASSOCIATES AND RECORDED IN MAP BOOK 3, PAGE 226 IN THE JOHNSTON TOWN HALL.



EXISTING CONDITIONS PLAN  
SCALE: 1" = 20"

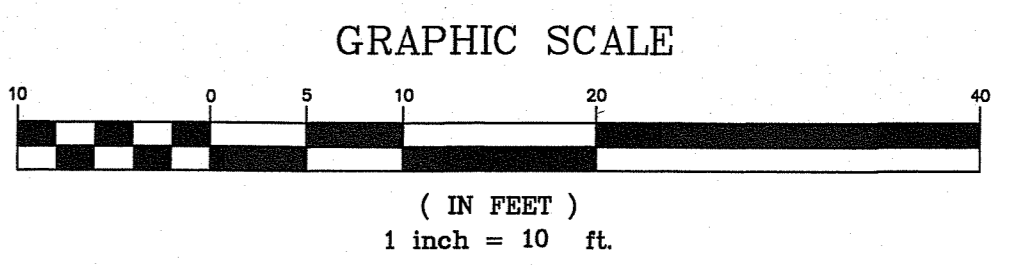
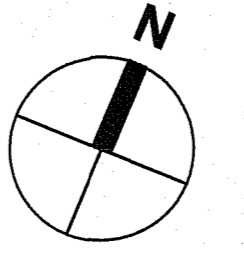


**GENERAL EROSION CONTROL NOTES:**

- EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE IN PLACE AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY SITEWORK OR EARTHWORK OPERATIONS, AND MUST BE MAINTAINED DURING CONSTRUCTION, AND REMAIN IN PLACE UNTIL ALL SITEWORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
- STOCKPILES MUST BE SURROUNDED ON THEIR PERIMETERS WITH STAKED HAYBALES AND SILT FENCES TO CONTROL EROSION.
- ALL EROSION CONTROL MEASURES MUST BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTION MUST TAKE PLACE AFTER EACH RAINFALL EVENT.
- THE CONTRACTOR MUST KEEP ON SITE AT ALL TIMES ADDITIONAL COMPOST SOCKS. THESE SHALL BE INSTALLED AS NEEDED AND AT THE DIRECTION OF THE ENGINEER OR THE RIDEM TO MITIGATE ANY EMERGENCY CONDITION. MINIMUM RESERVE OF COMPOST SOCK MUST INCLUDE 25 LF WITH STAKES.

SITE PREPARATION PLAN  
SCALE: 1" = 10"

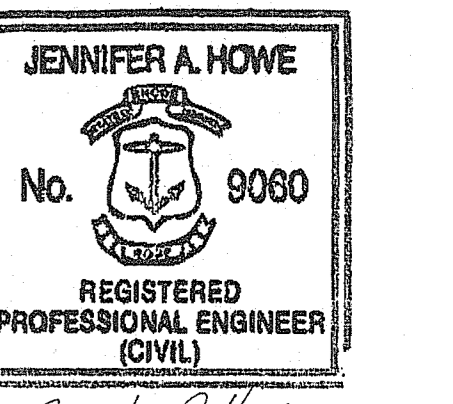
LEGEND	
—	LIMIT OF WORK
—	SAWCUT LINE
—	EDGE OF DRIVE
—	REMOVE BITUMINOUS PAVEMENT AND ADJACENT CURB INCLUDING CURB FOUNDATION



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO.: 20-0176  
DATED OCT 9 2020  
SEE LETTER OF SAME DATE.  
*Nancy L. Felton #20-0176*

DATE	DESCRIPTION
08-14-2020	ISSUED FOR REVIEW OF RFP
08-13-2020	ISSUED FOR RFP REVIEW
07-21-2020	ISSUED FOR RFP REVIEW
06-08-2020	ISSUED FOR RFP PRELIM. REVIEW
05-19-2020	ISSUED FOR REVIEW

MARK: DATE: ISSUE LOG:   
△ = CLOUDED CHANGE



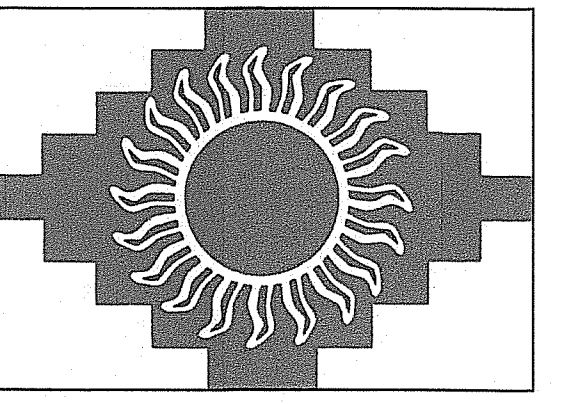
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CHECK BY: PSG  
PROJ. ARCH/ENGR: PSG  
PROJ. MGR: SAV  
JOB NO.: 19028  
© SYMMES, MAINI & MCKEE ASSOCIATES, INC. 2016

**EXISTING CONDITIONS & SITE PREPARATION PLAN**

Environmental Management  
A171-2-220  
08/13/2020

**C-101**  
Per RIDEM: Sheet 1 of 3



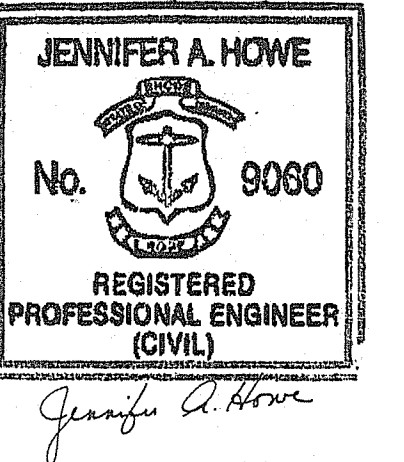


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO. 20-0176  
DATED 08/13/2020  
SEE LETTER OF SAME DATE.

Van & L. Freeman - 0176

08-14-2020	ISSUED FOR RIDEM GP RPID
08-13-2020	ISSUED FOR PAPA REVIEW
07-21-2020	ISSUED FOR REVIEW
05-29-2020	ISSUED FOR RIDEM PRELIM REVIEW
05-19-2020	ISSUED FOR REVIEW

MARK: DATE: DESCRIPTION:  
ISSUE LOG  
△ = CLOUDED CHANGE

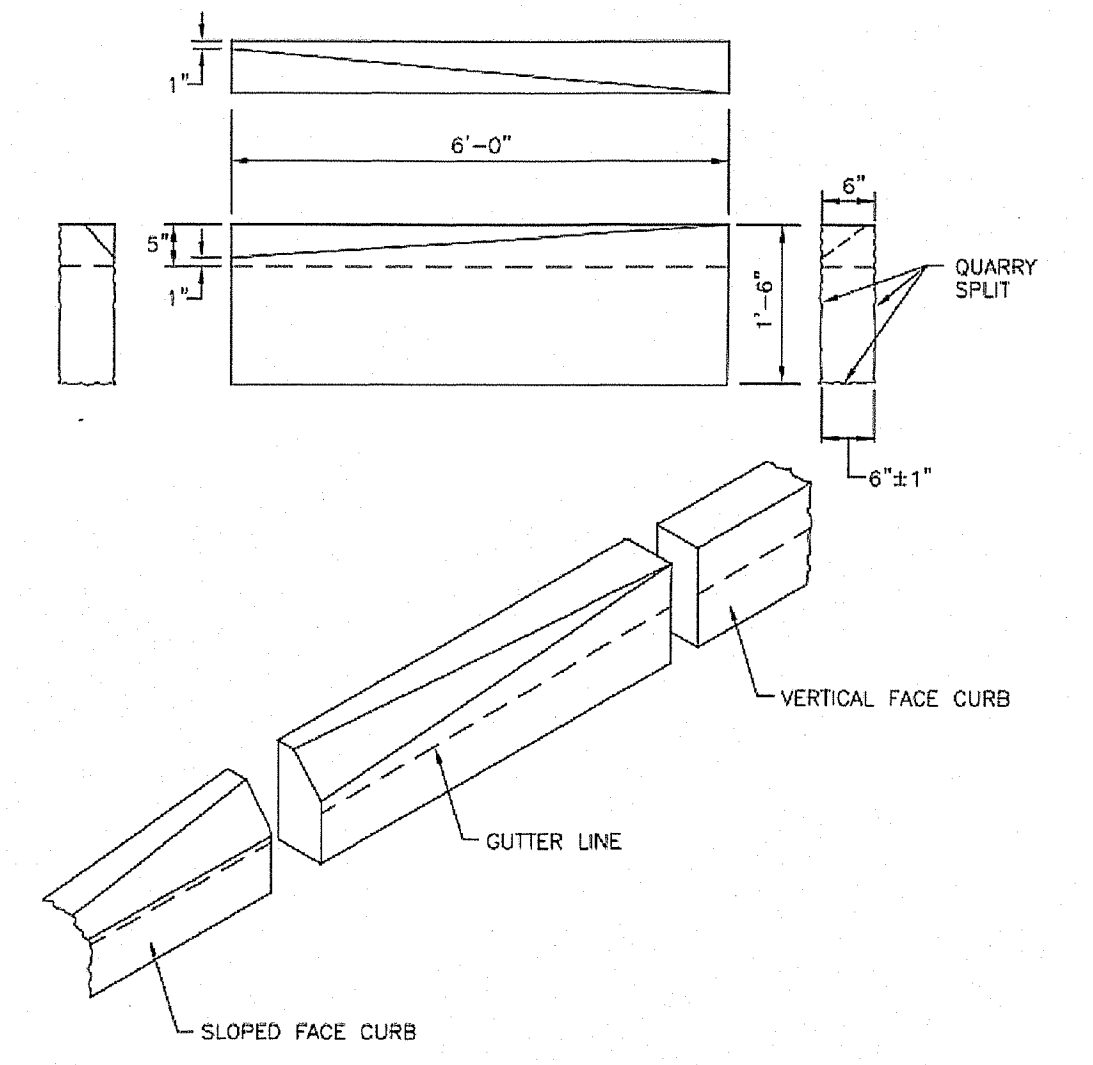


SCALE	N.T.S.
DRAWN BY	PSG
CHECK BY	
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PROJ. MGR.	SAV
JOB NO.	19028
© SYMMES, MAINI & MCKEE ASSOCIATES, INC. 2016	

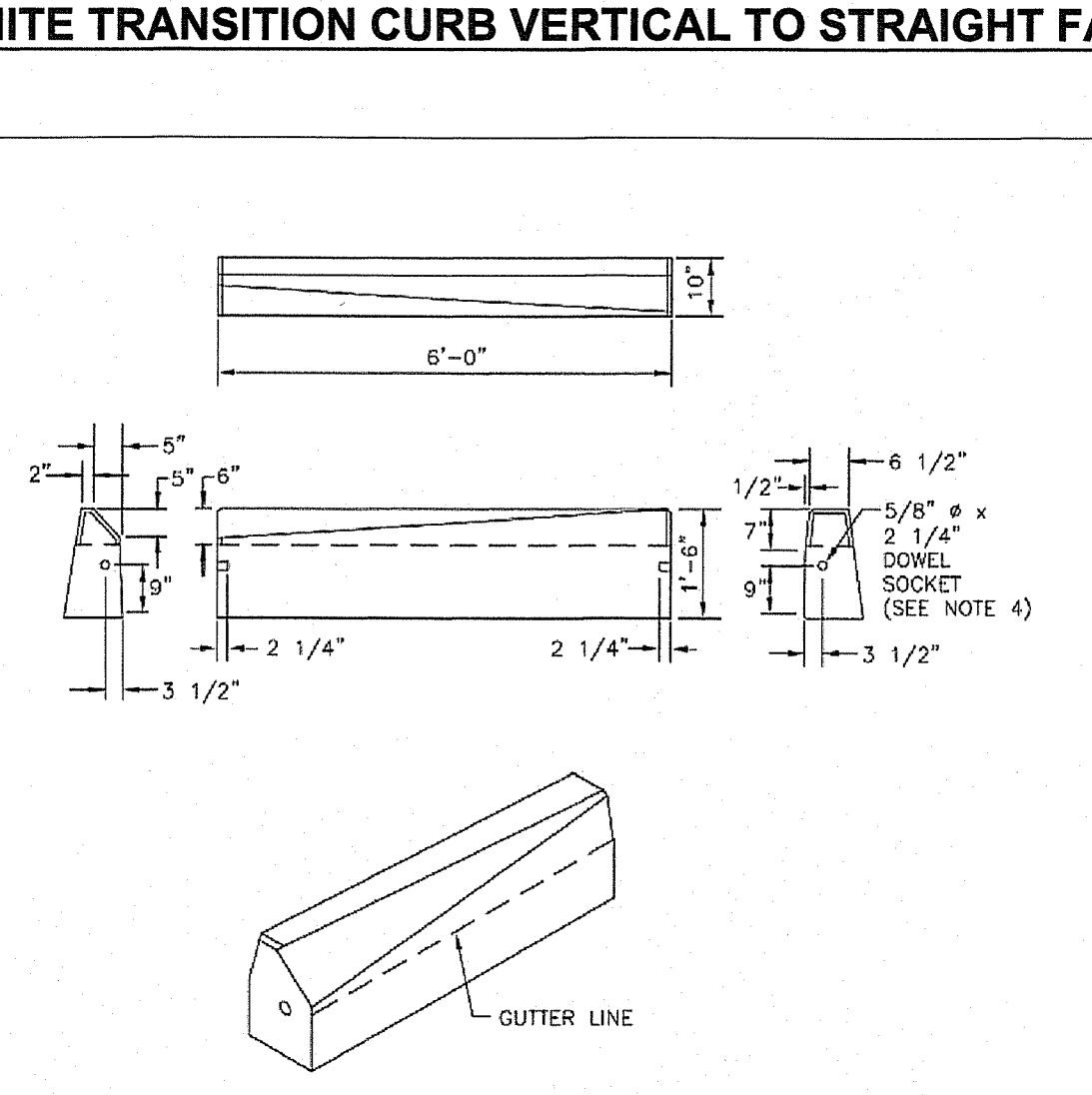
DETAILS I

**C-501**

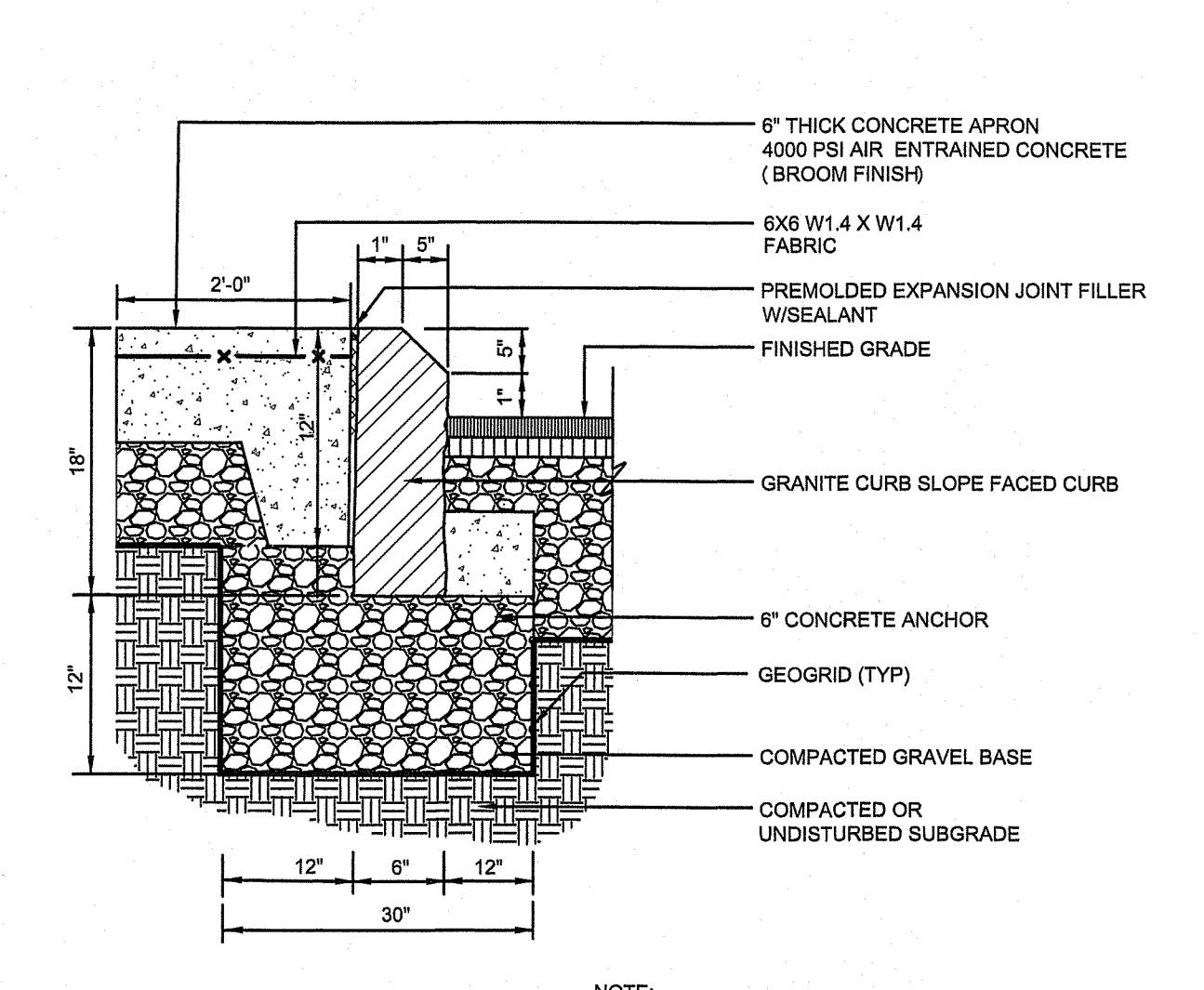
Per RIDEM: Sheet 3 of 3



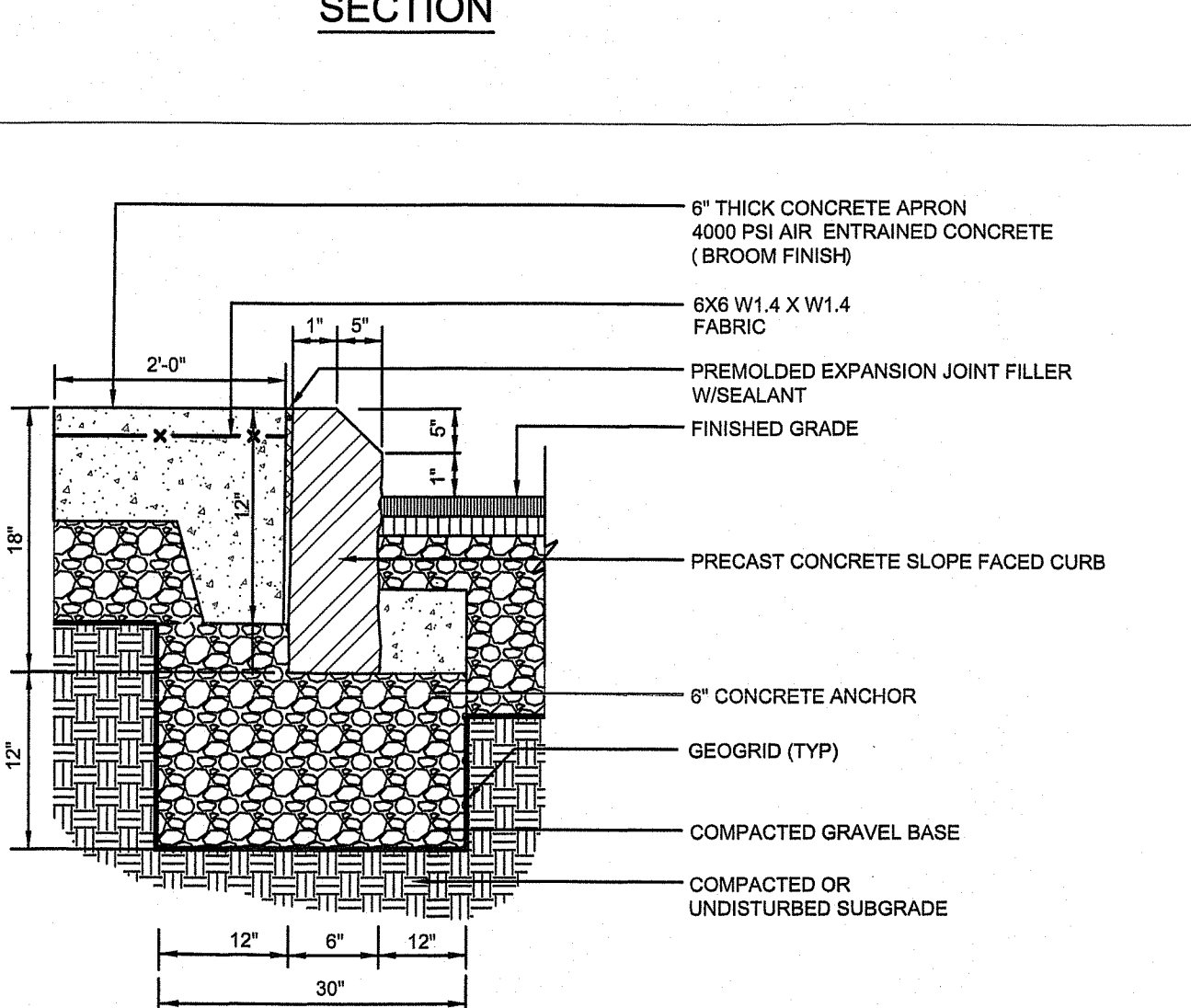
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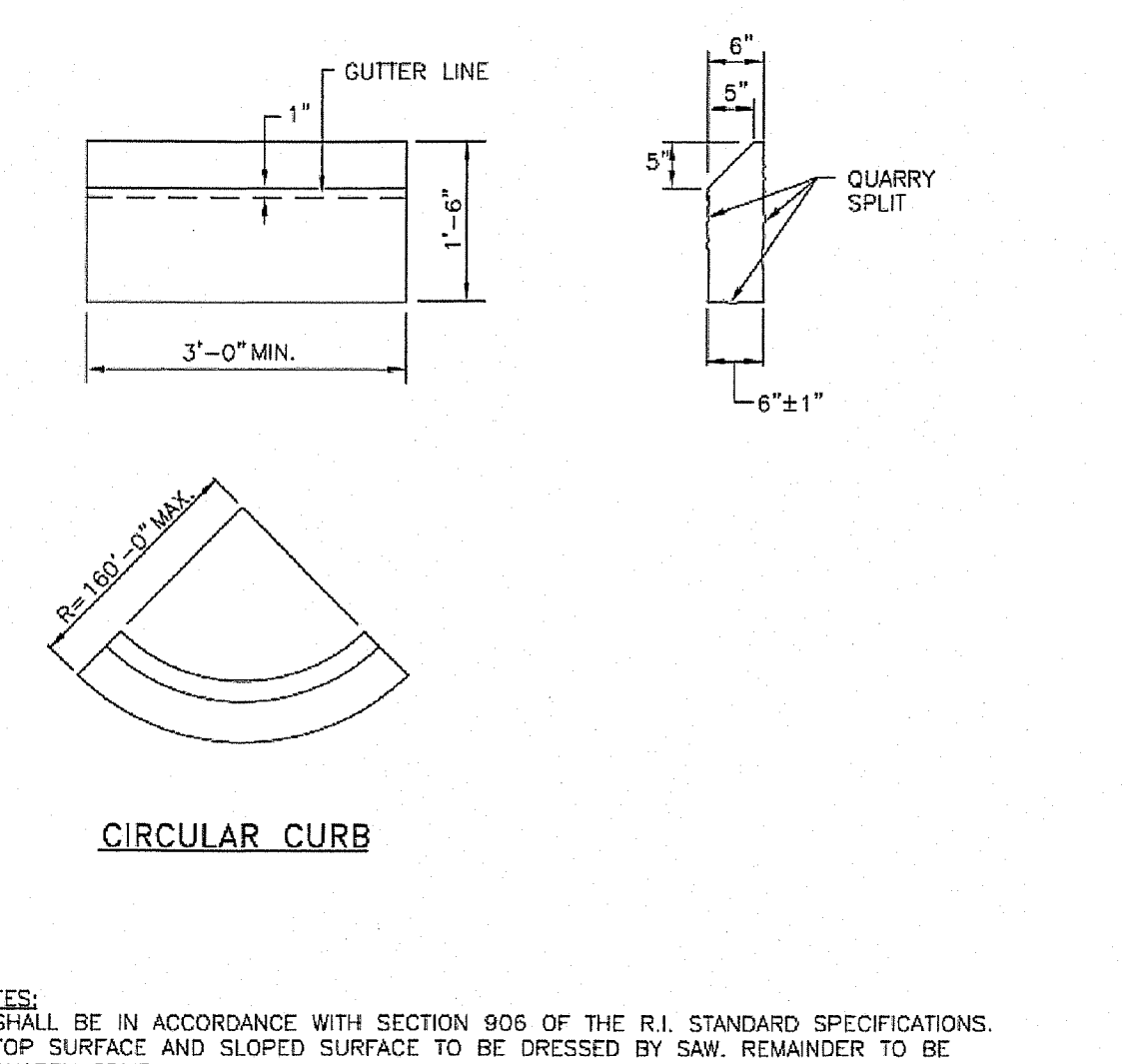
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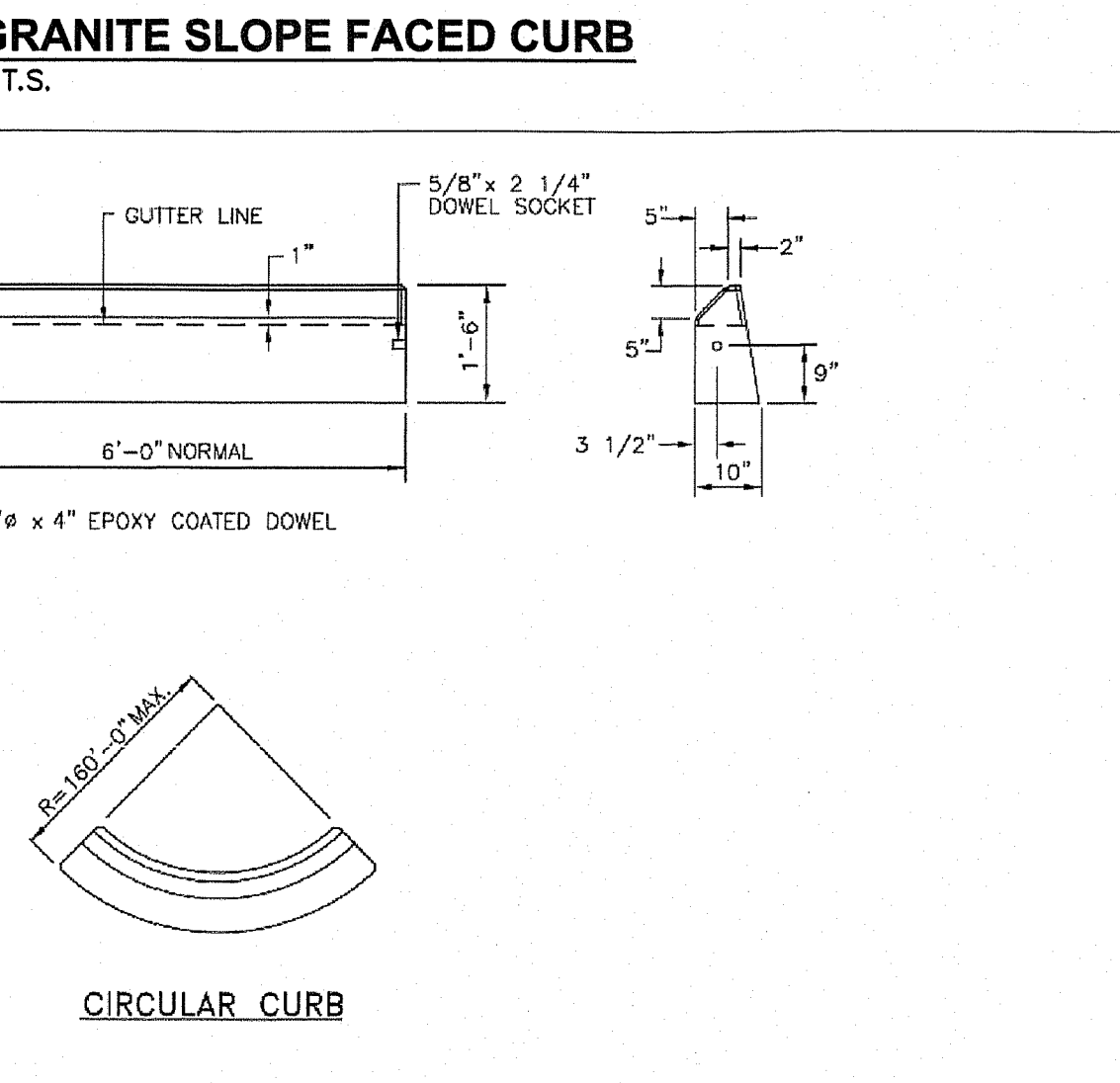
**E5 GRANITE SLOPE FACED CURB**  
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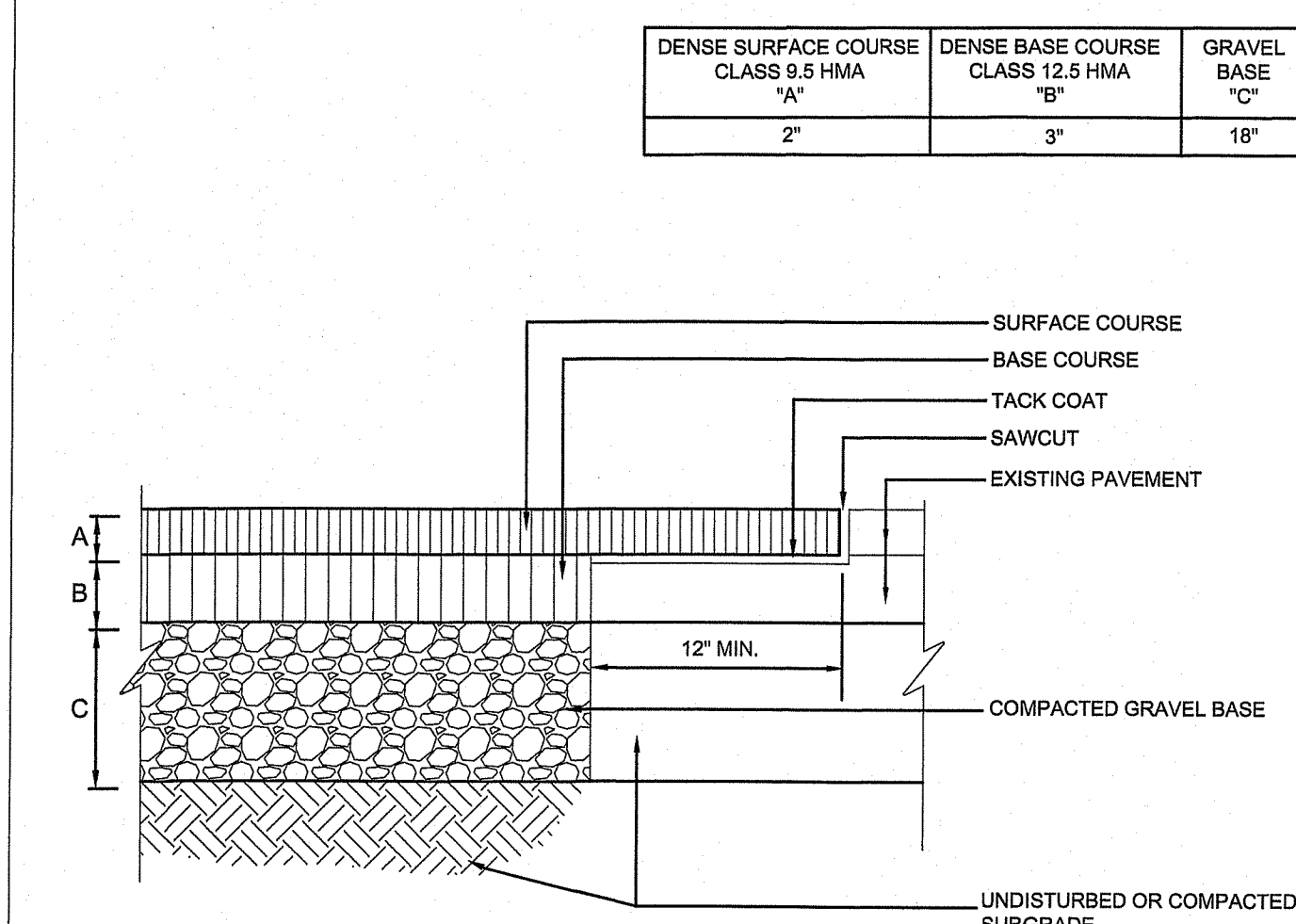
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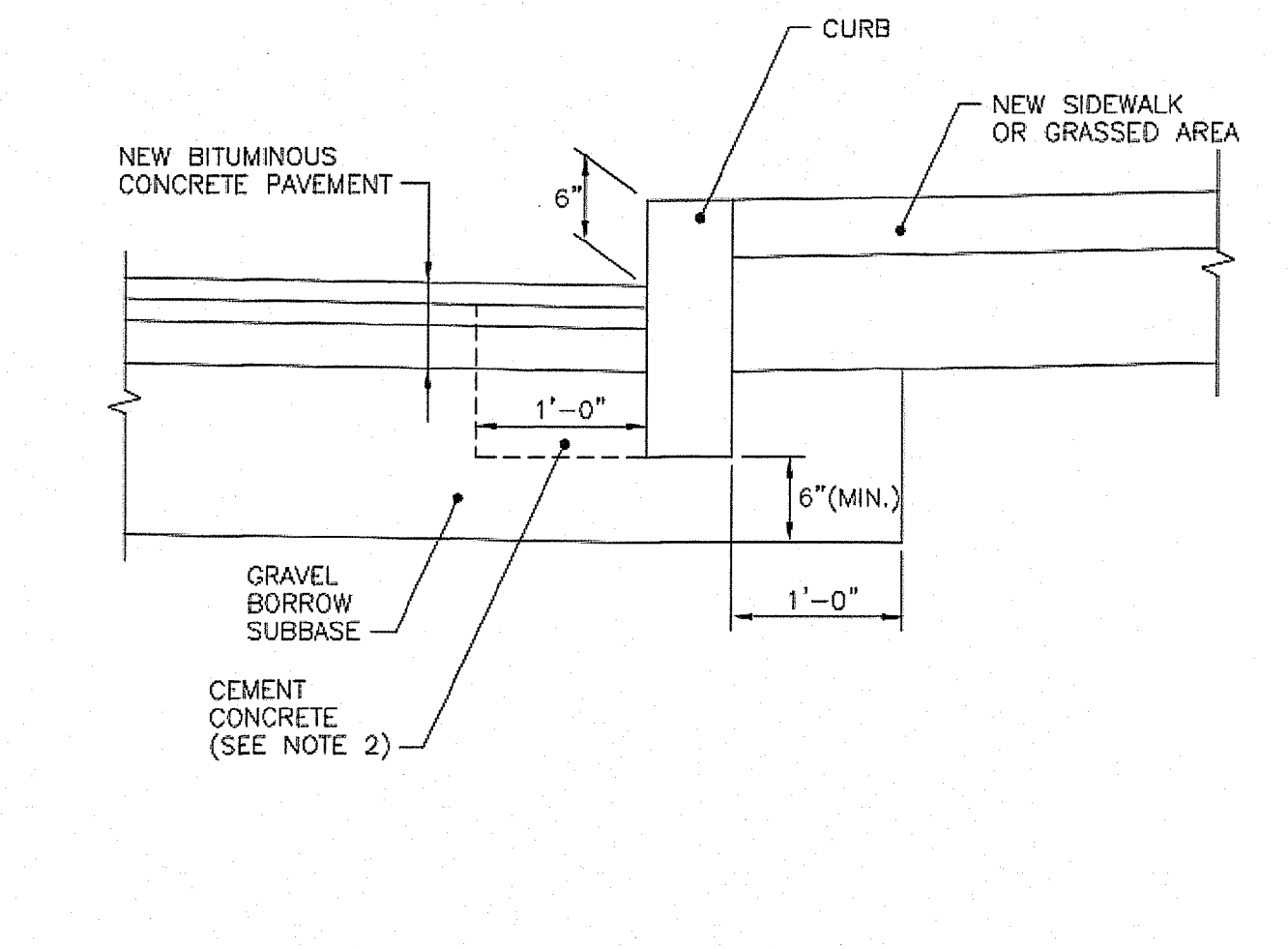
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N.T.S.



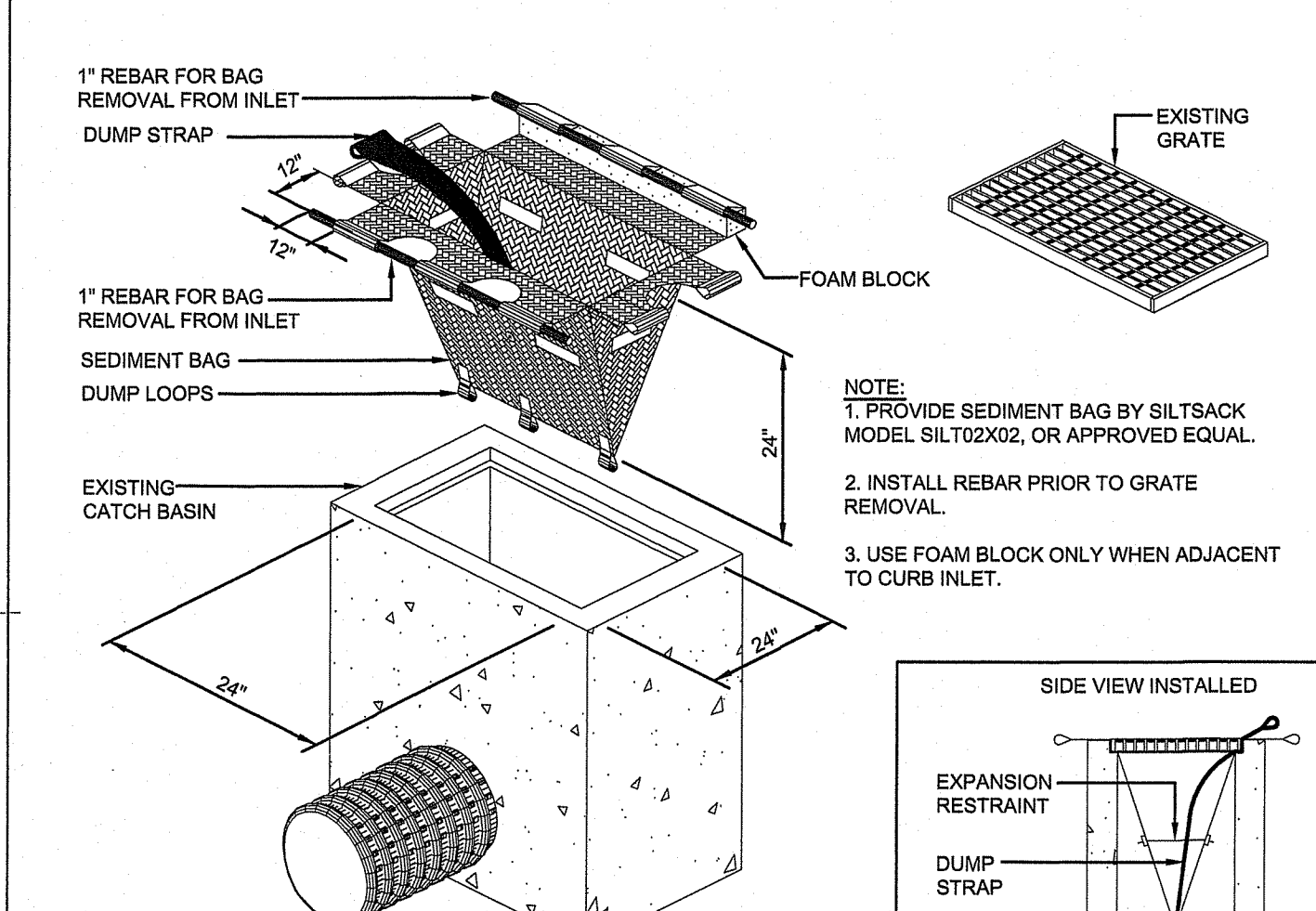
**A5 BITUMINOUS CONCRETE AT EXISTING PAVEMENT**  
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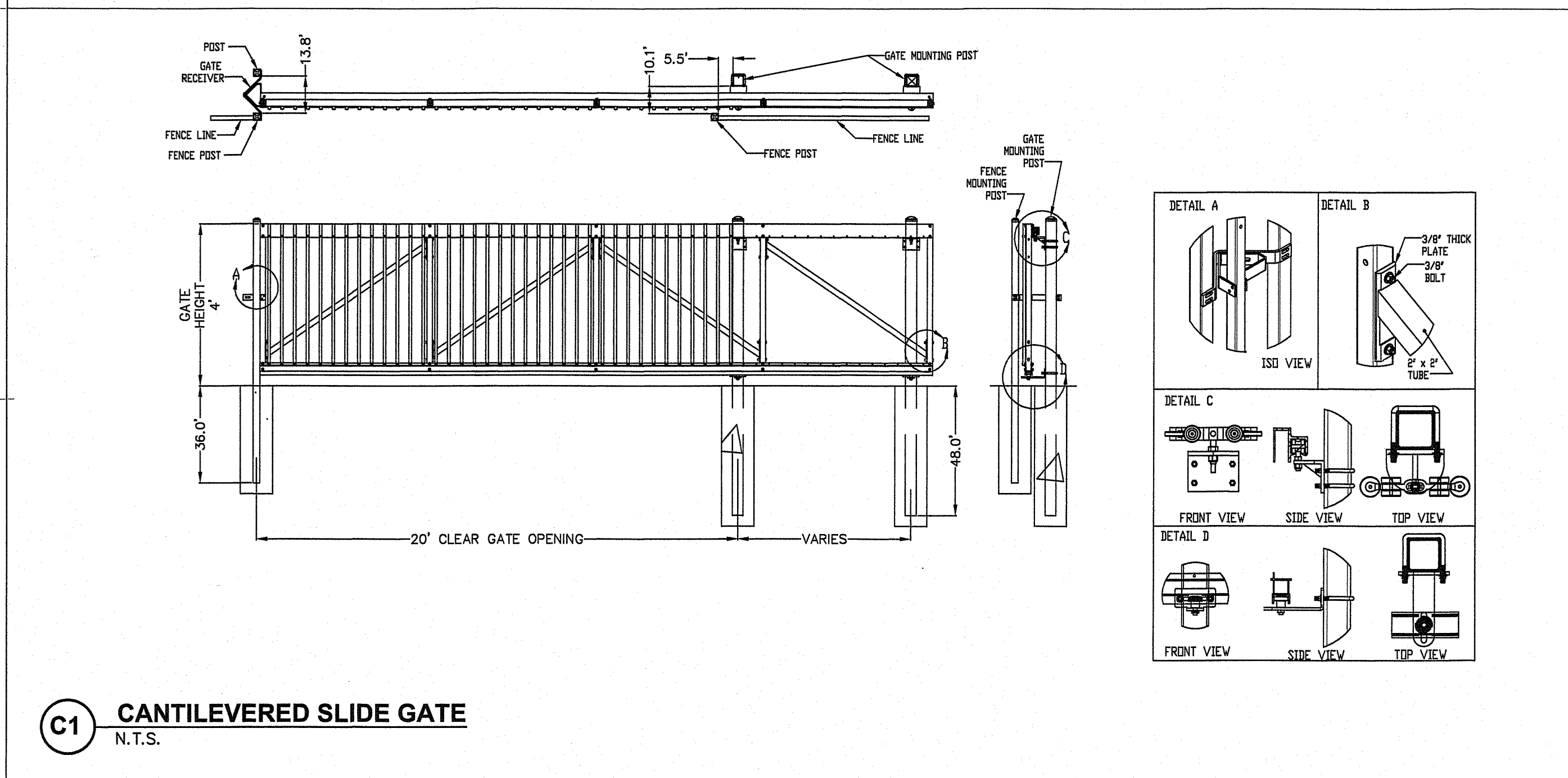
**A7 CRUSHED STONE DRIVE A**  
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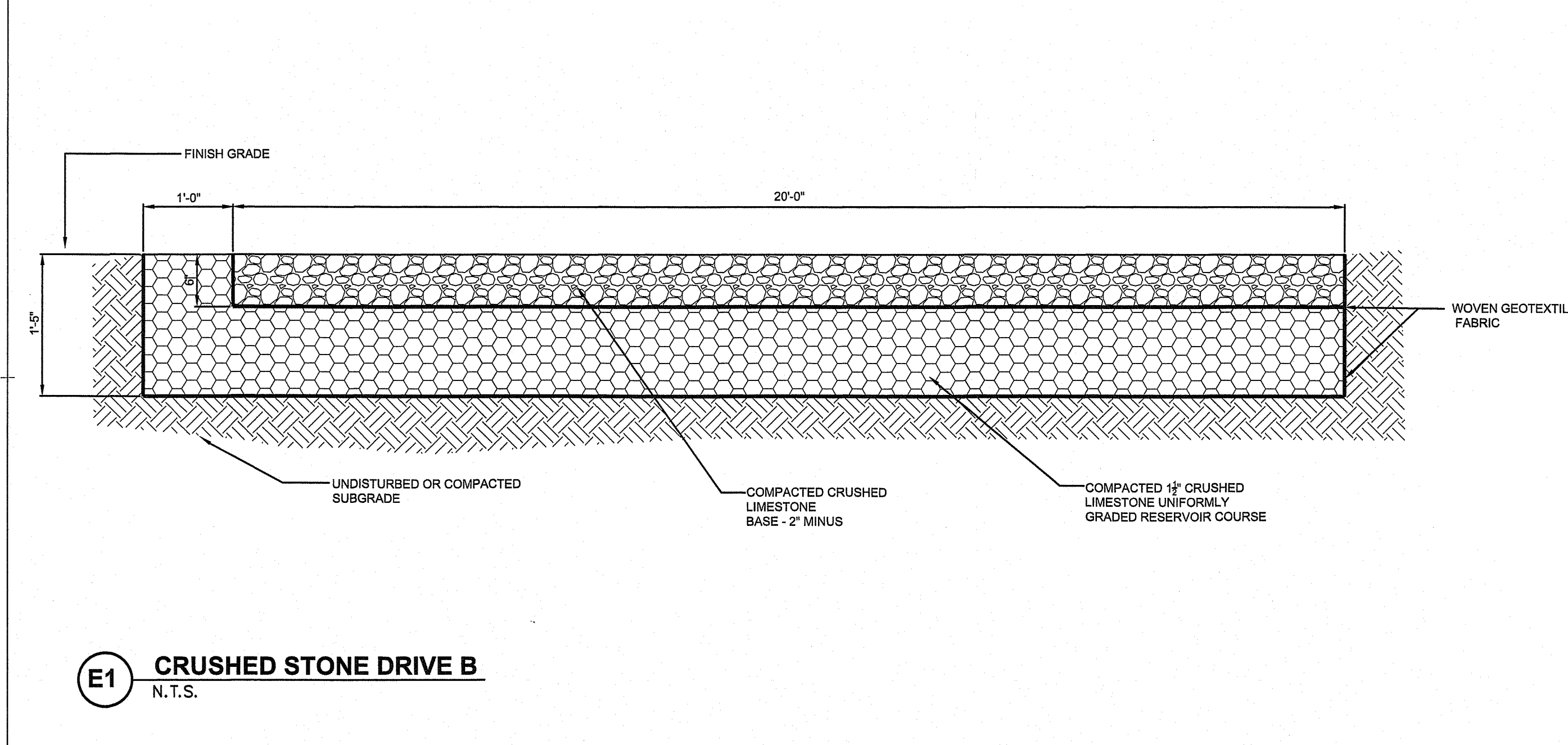
**A3 CURB SETTING DETAIL**  
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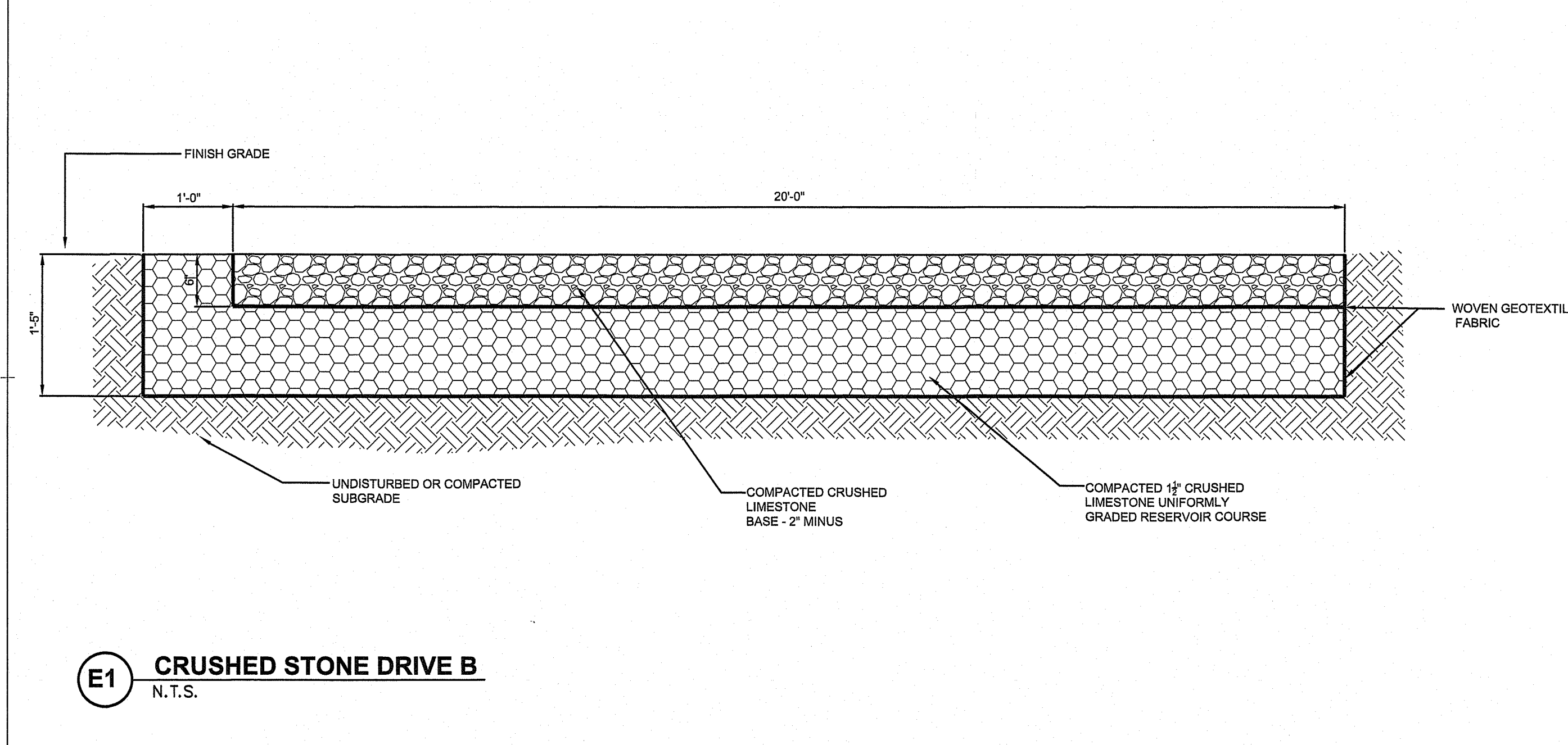
**A1 SEDIMENT BAG AT CATCH BASIN**  
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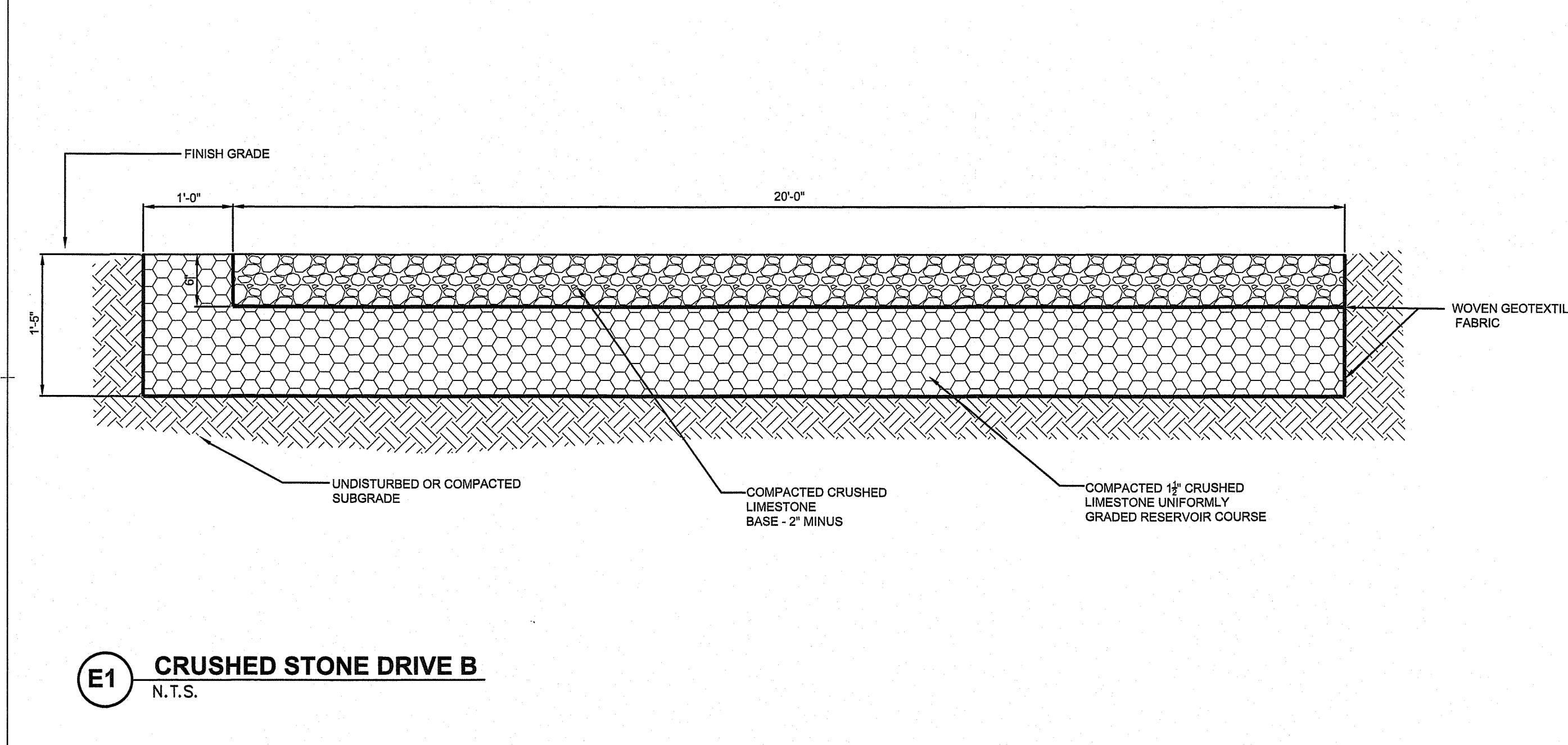
**C1 CANTILEVERED SLIDE GATE**  
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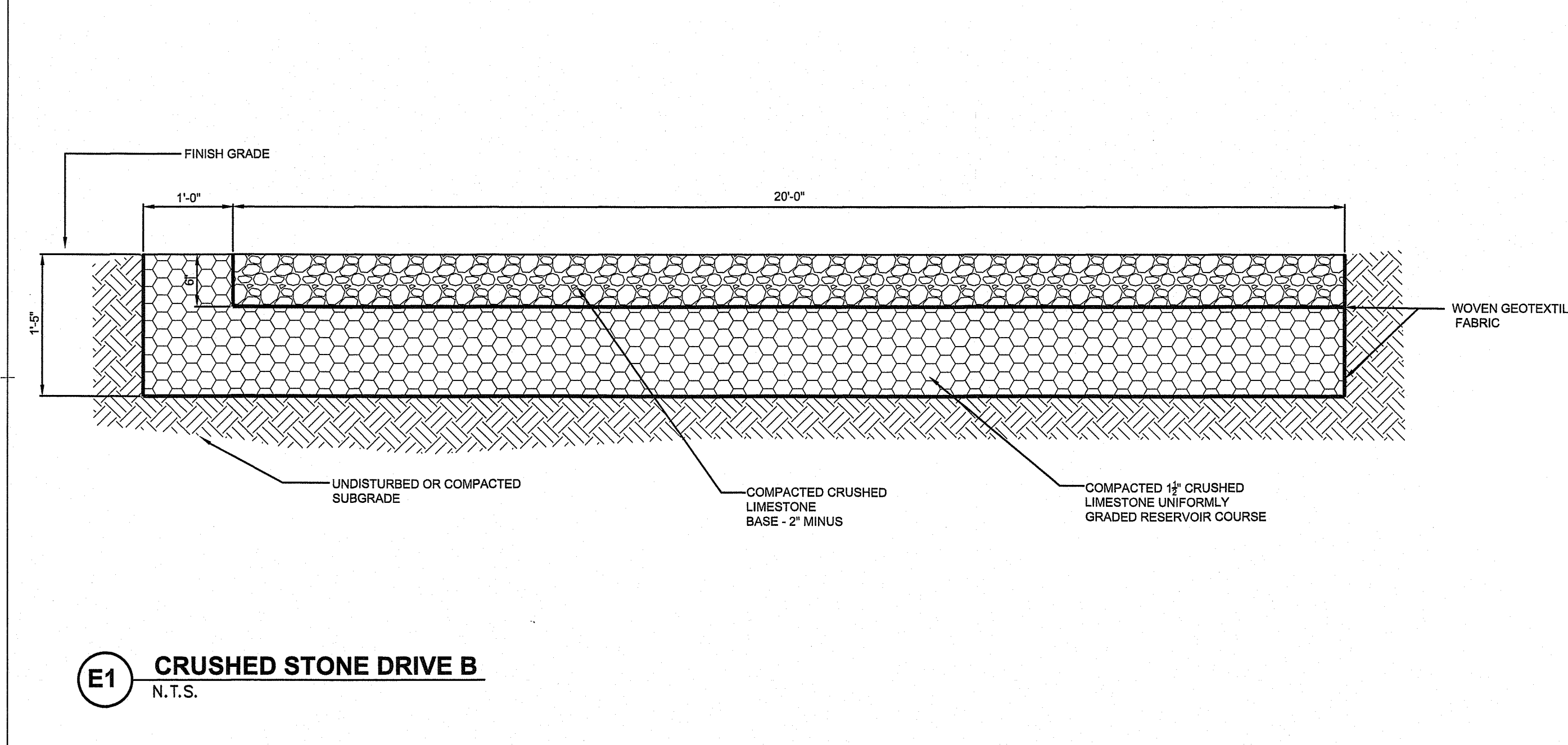
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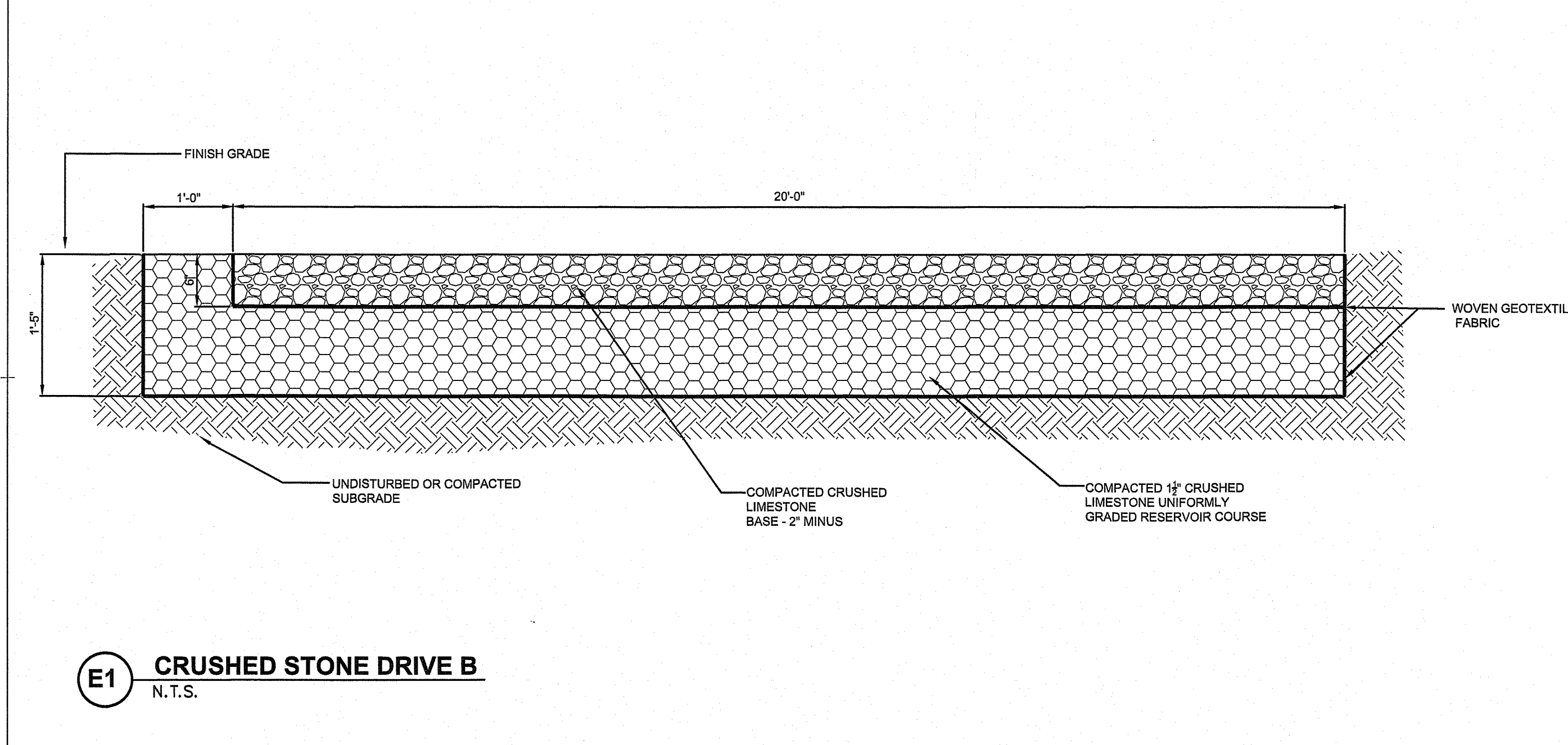
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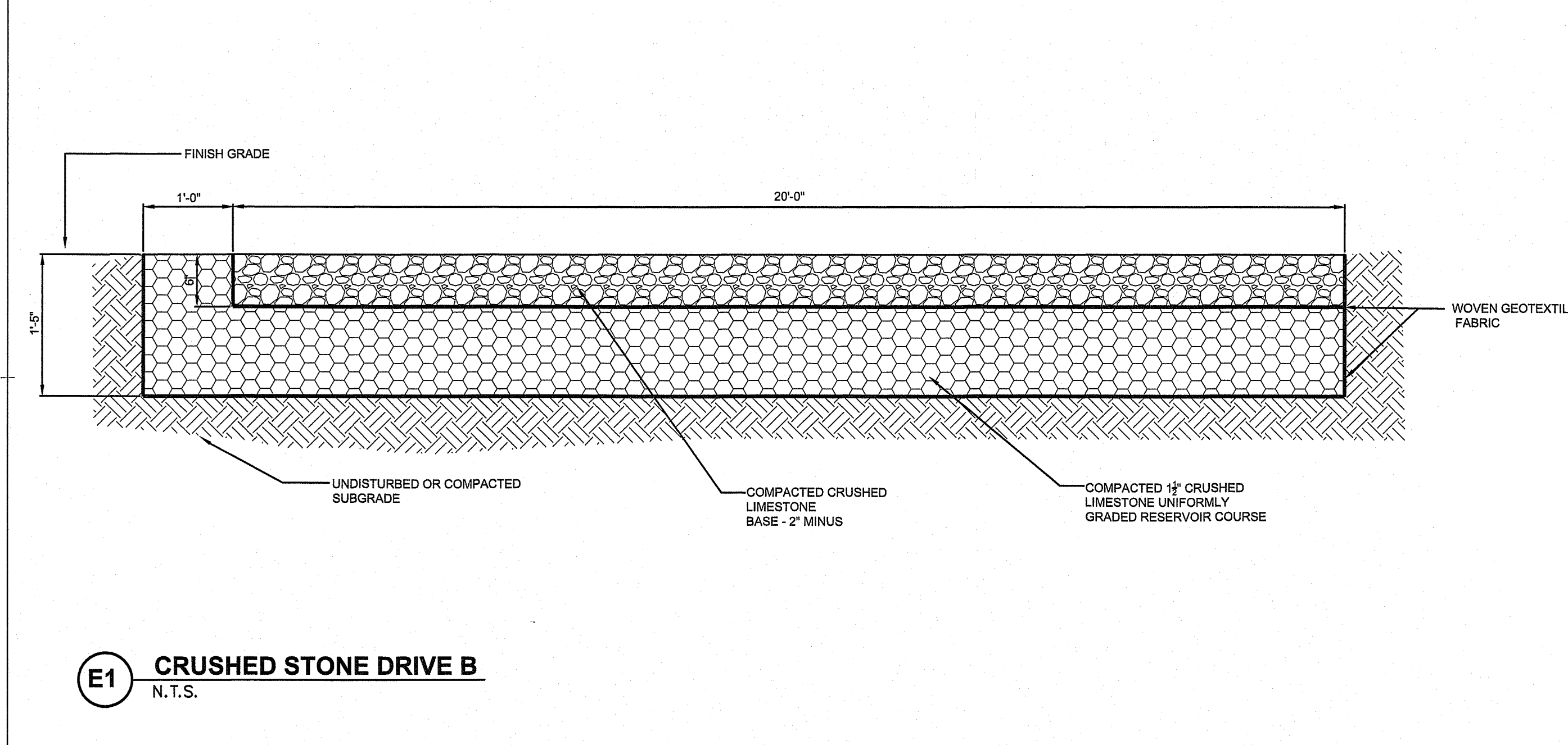
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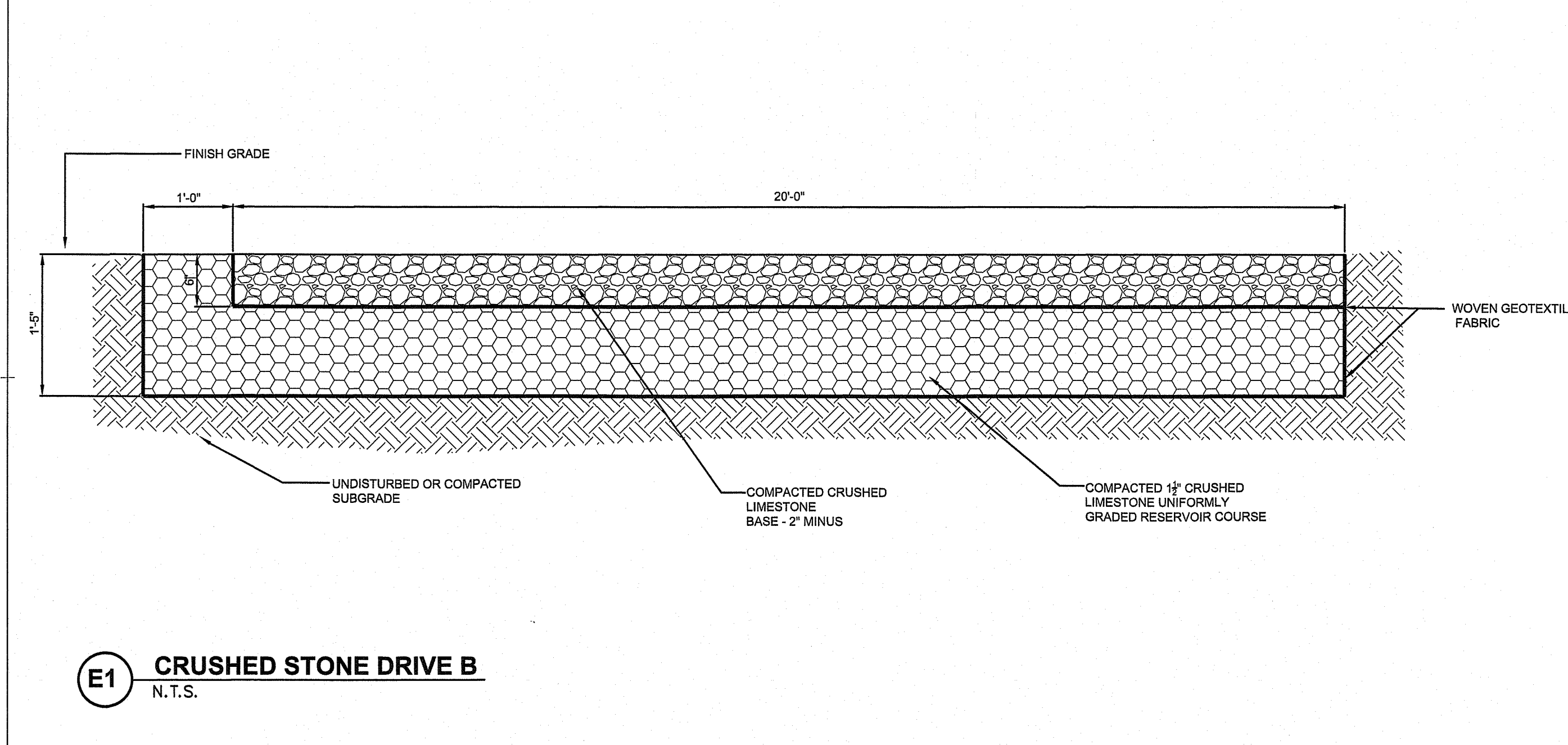
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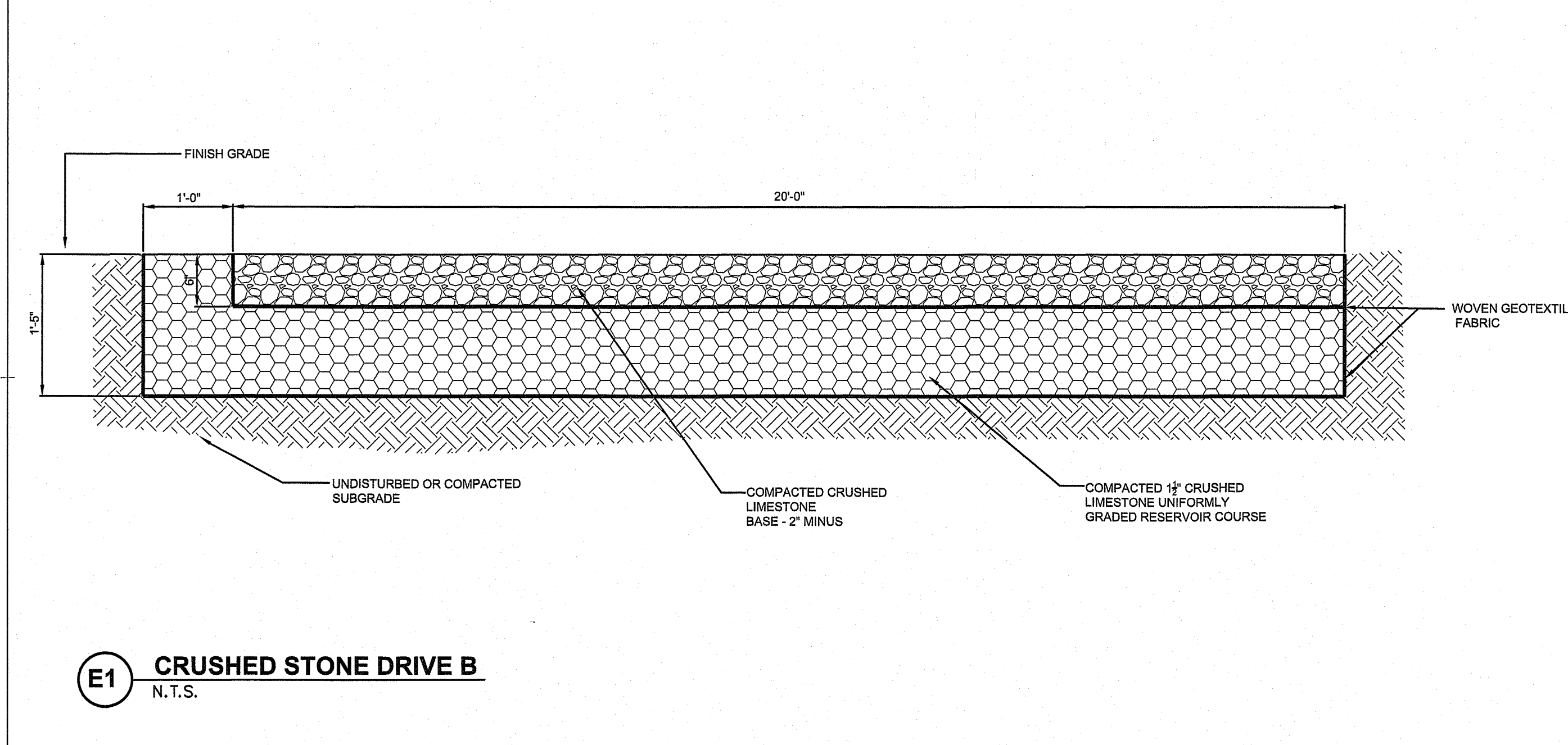
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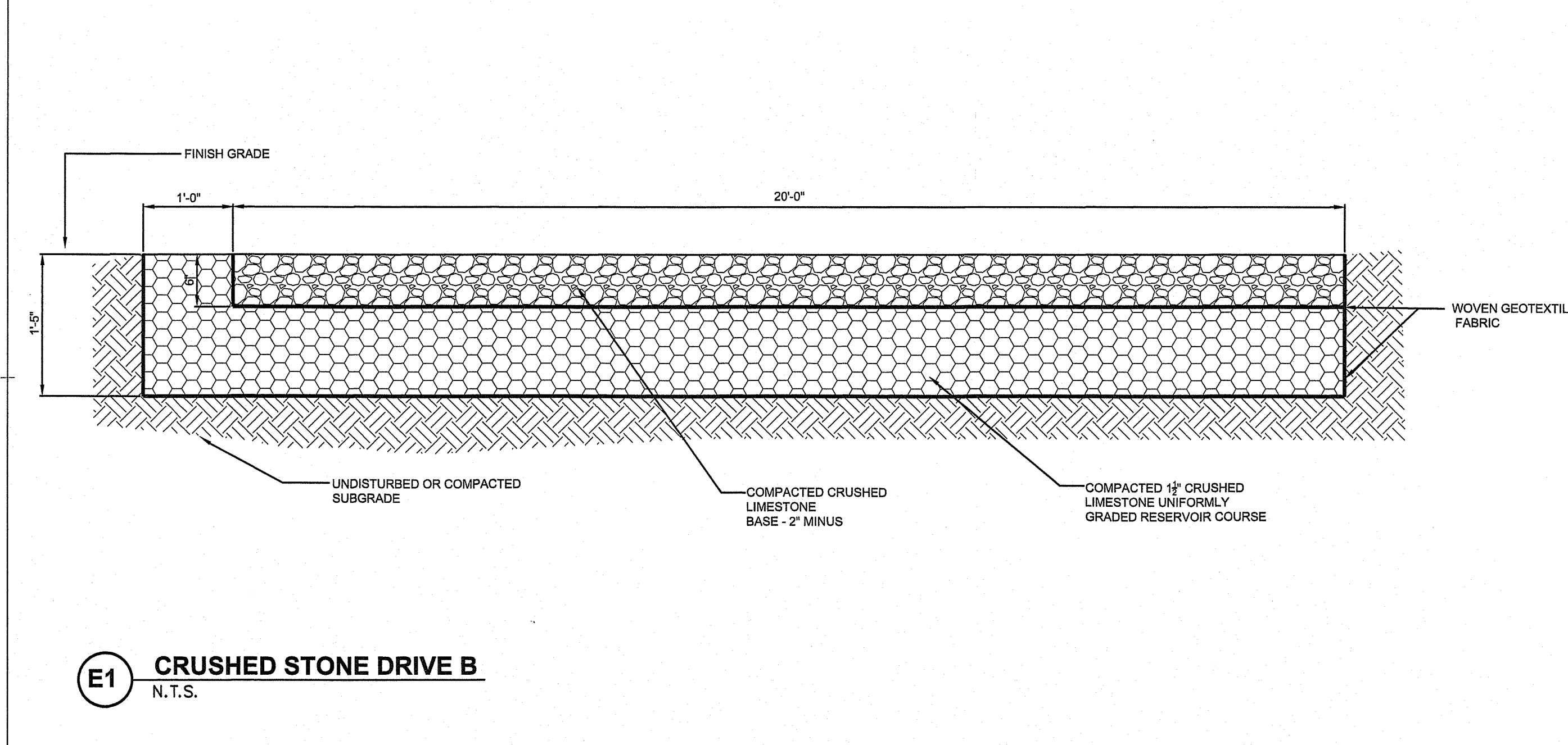
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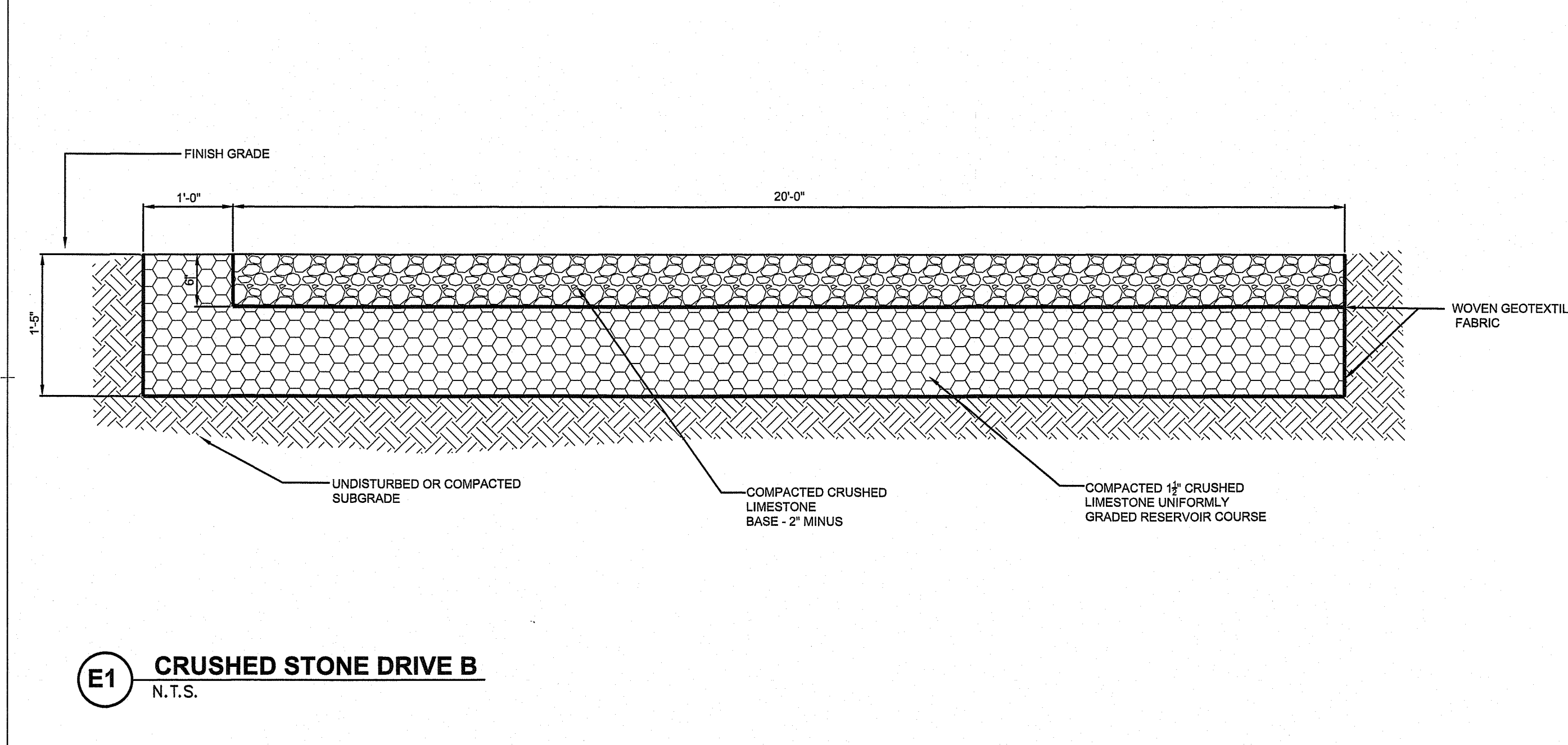
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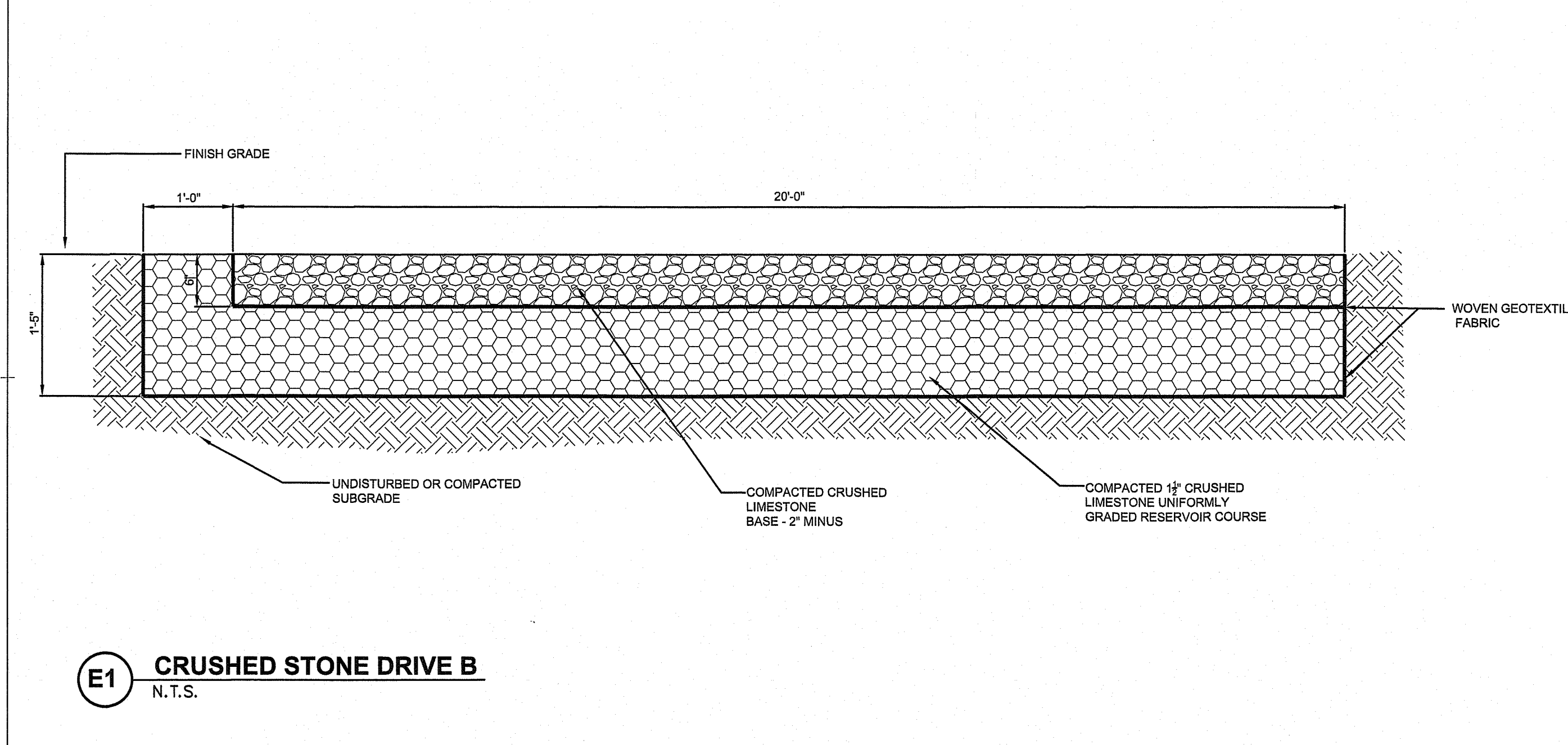
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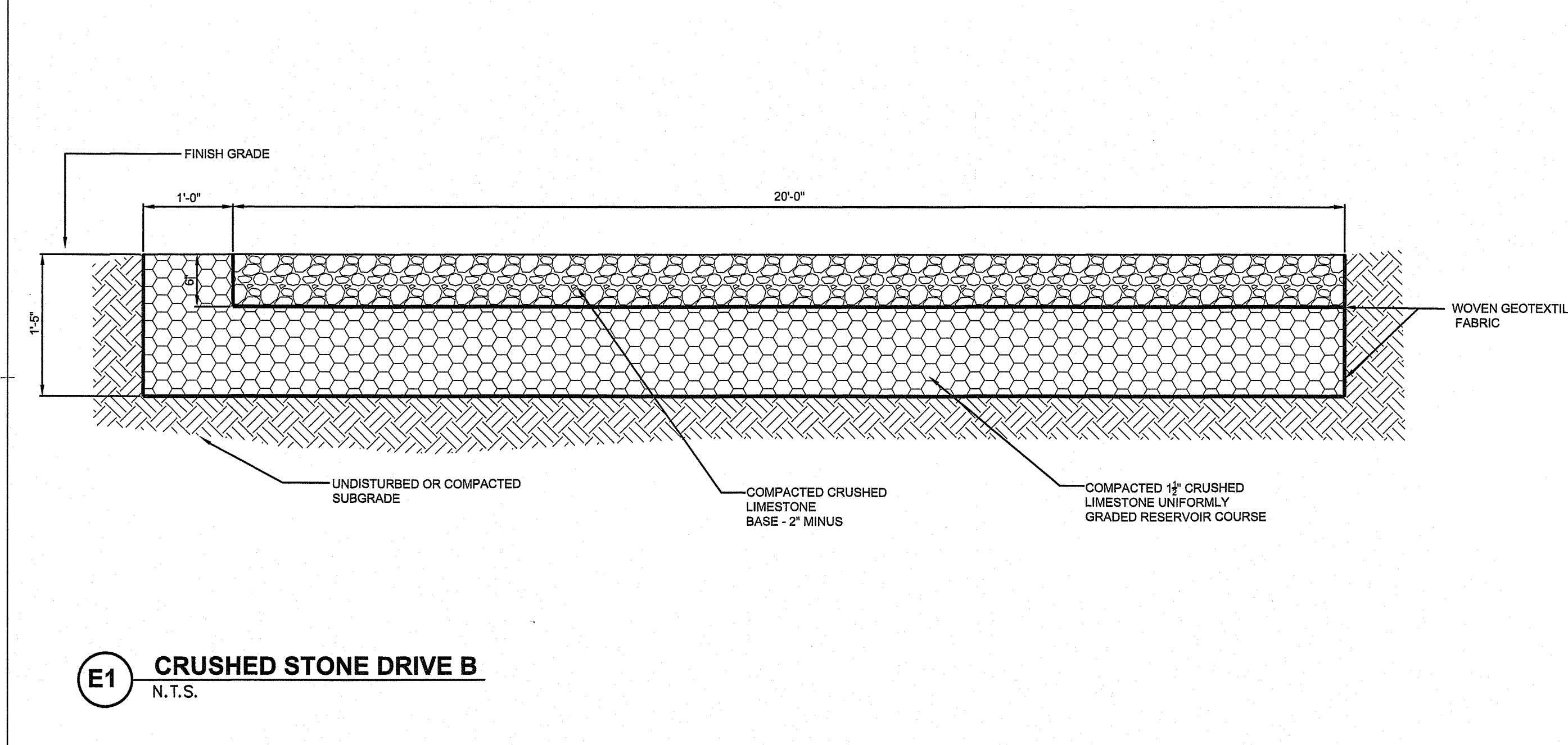
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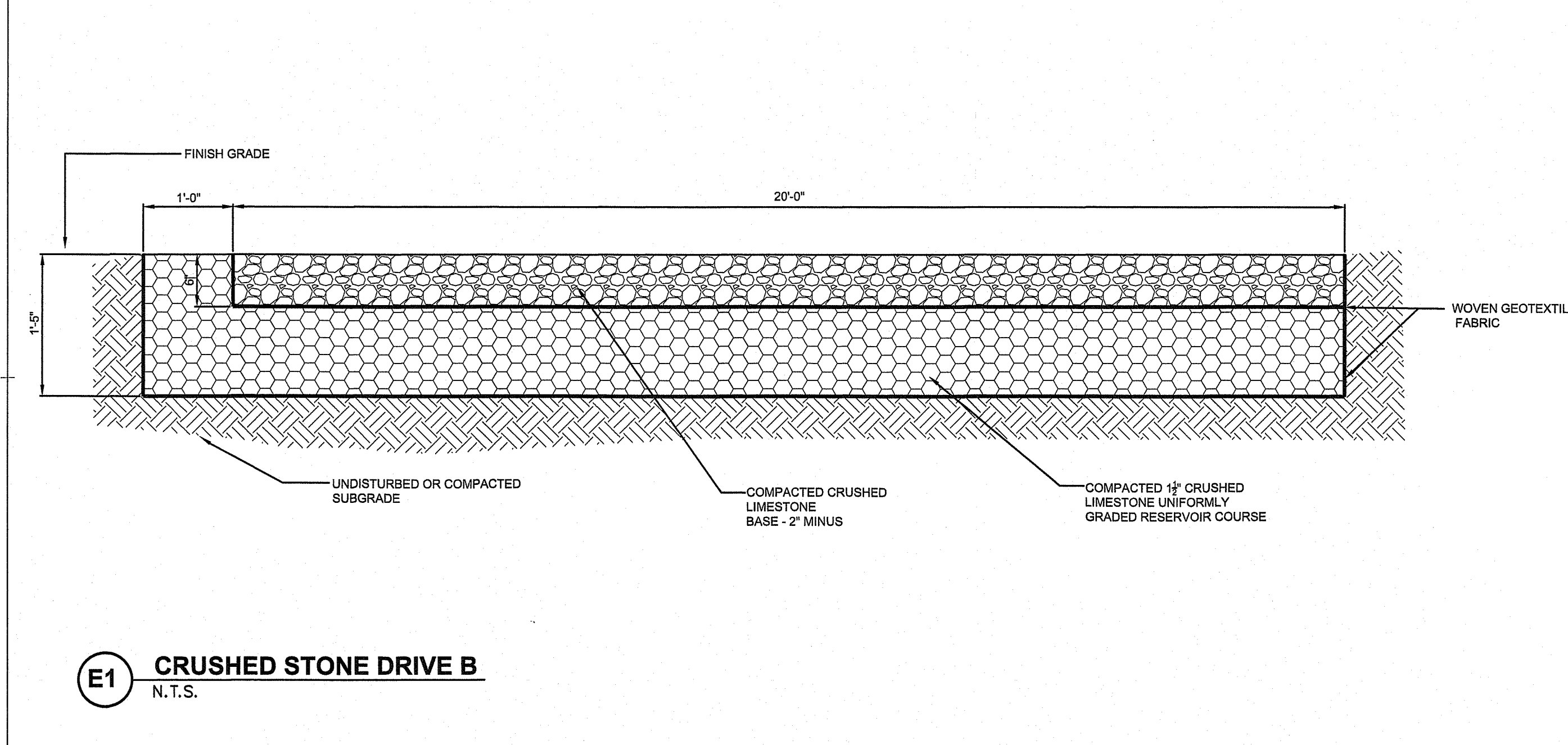
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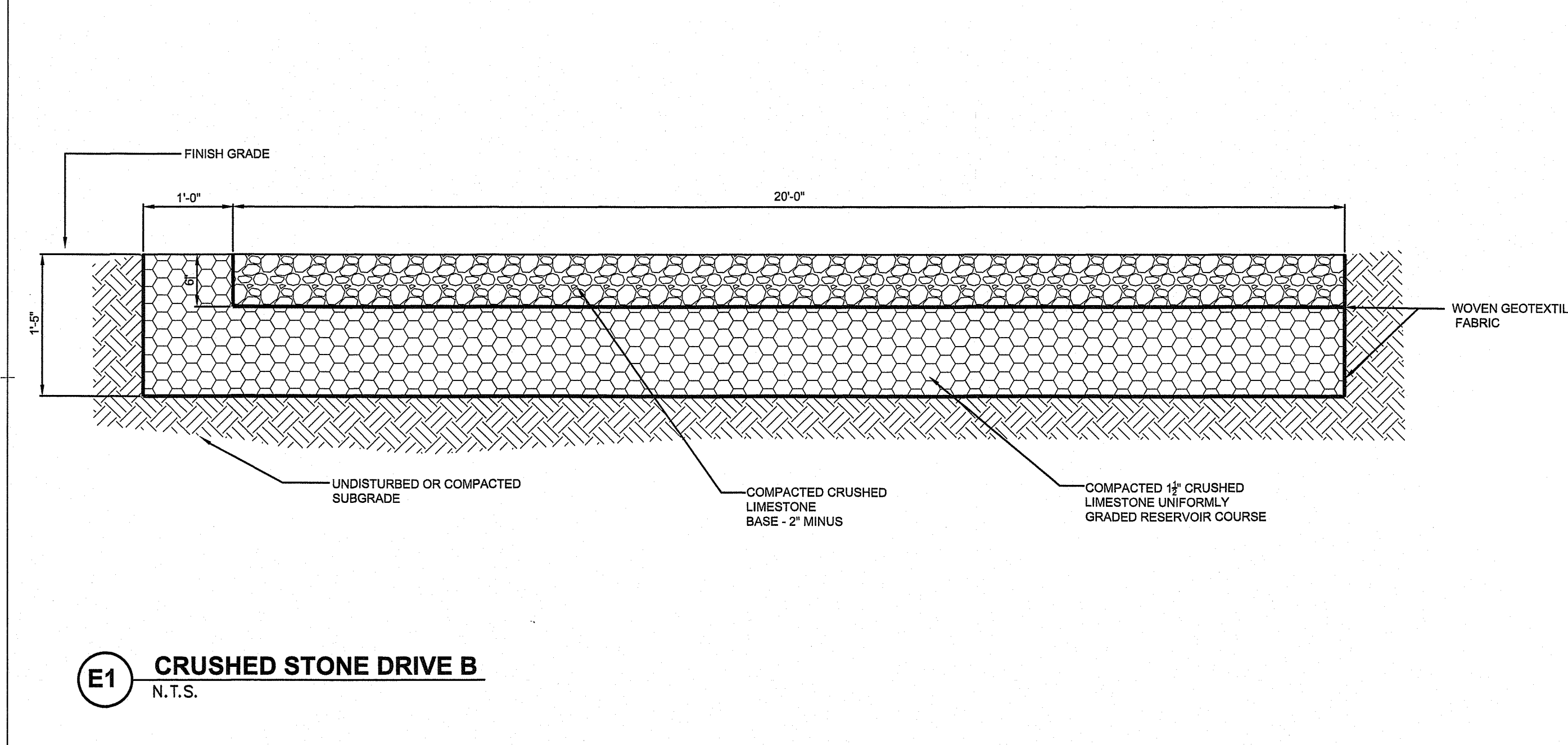
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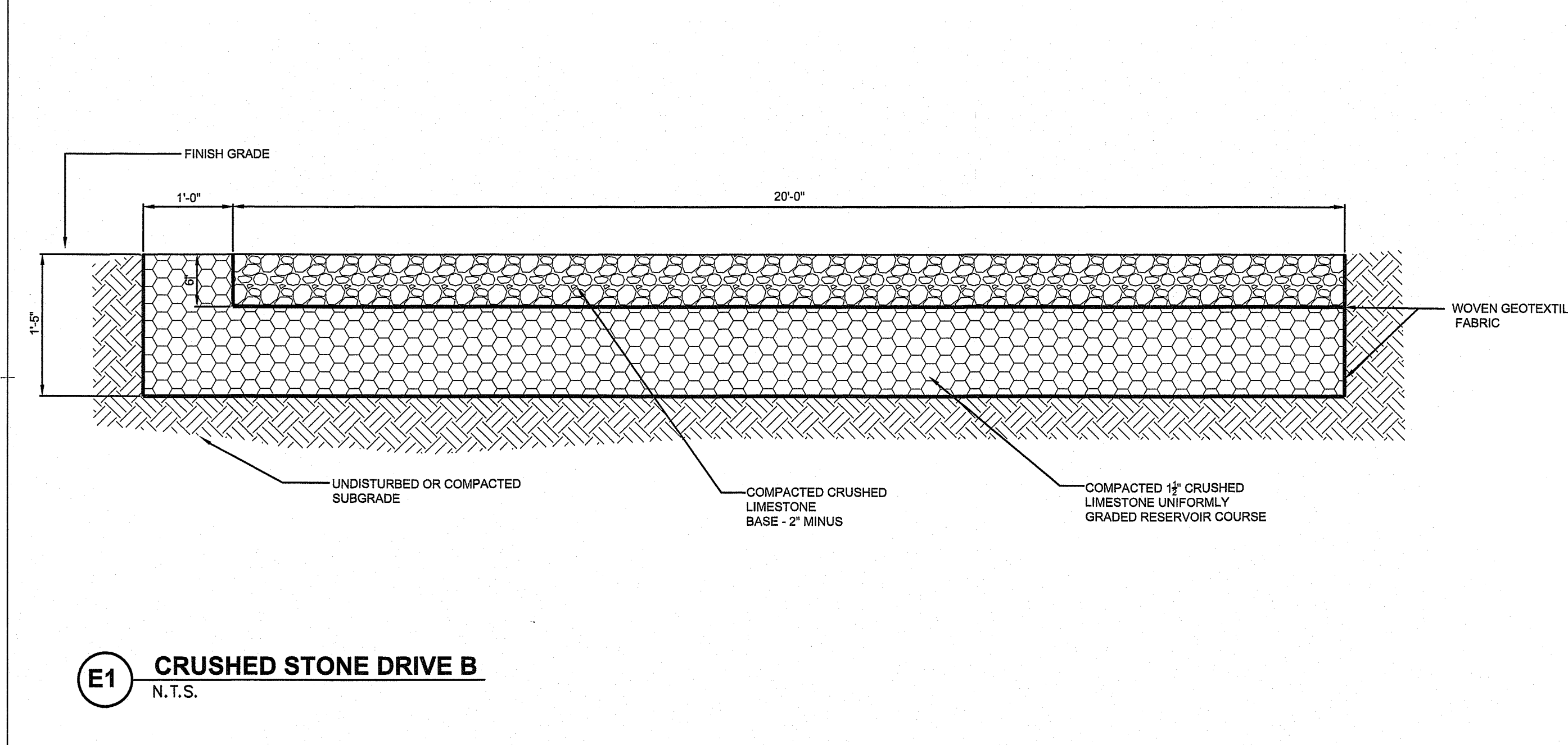
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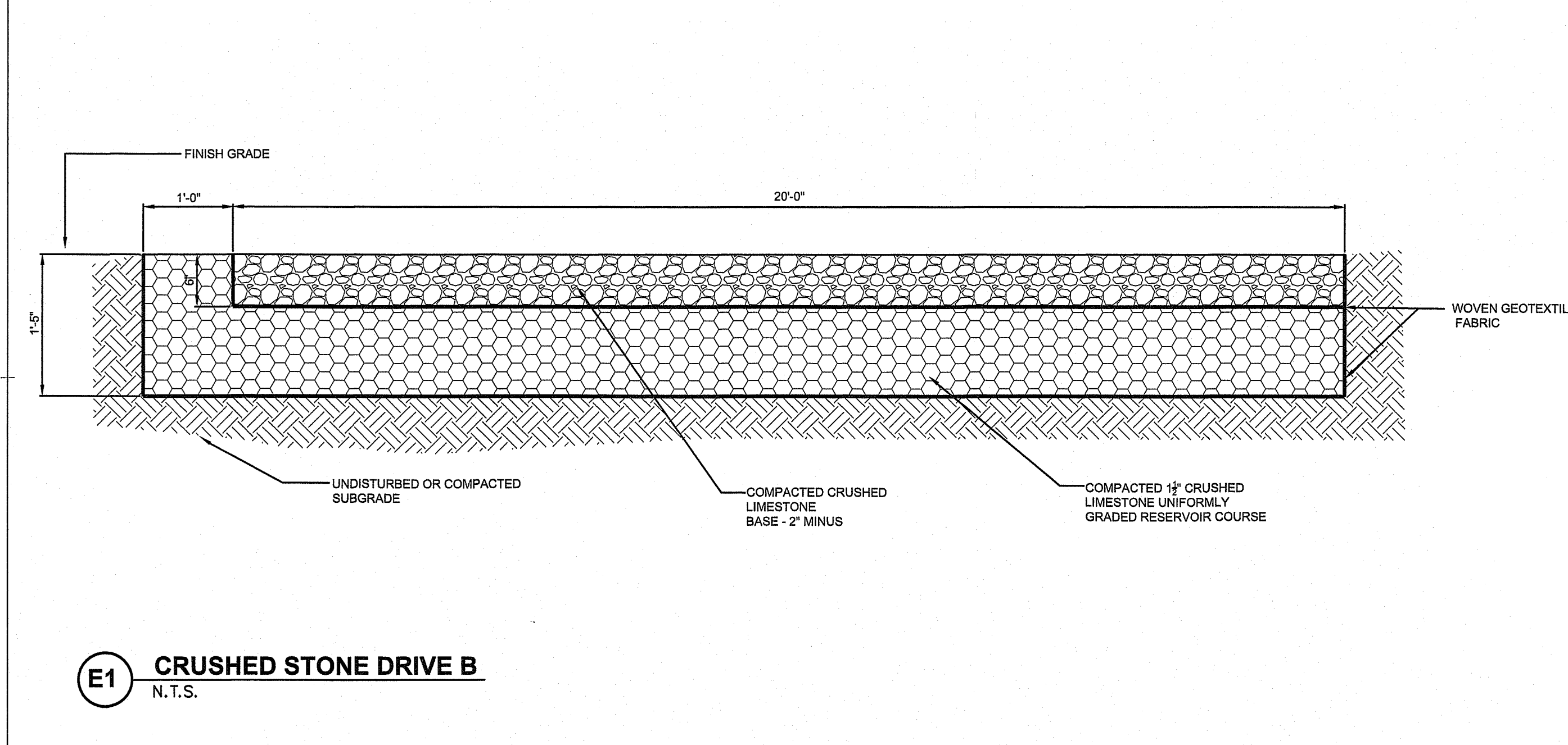
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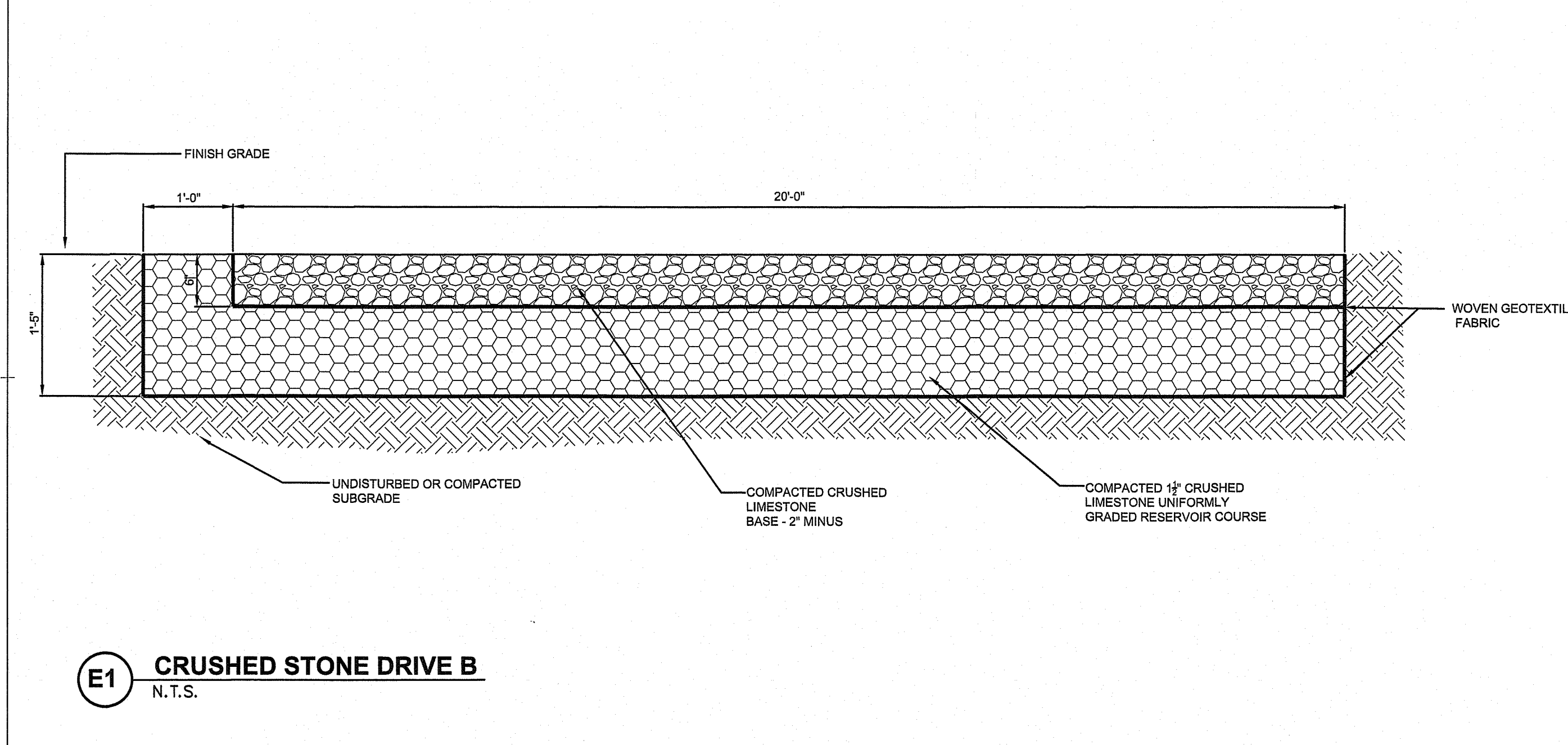
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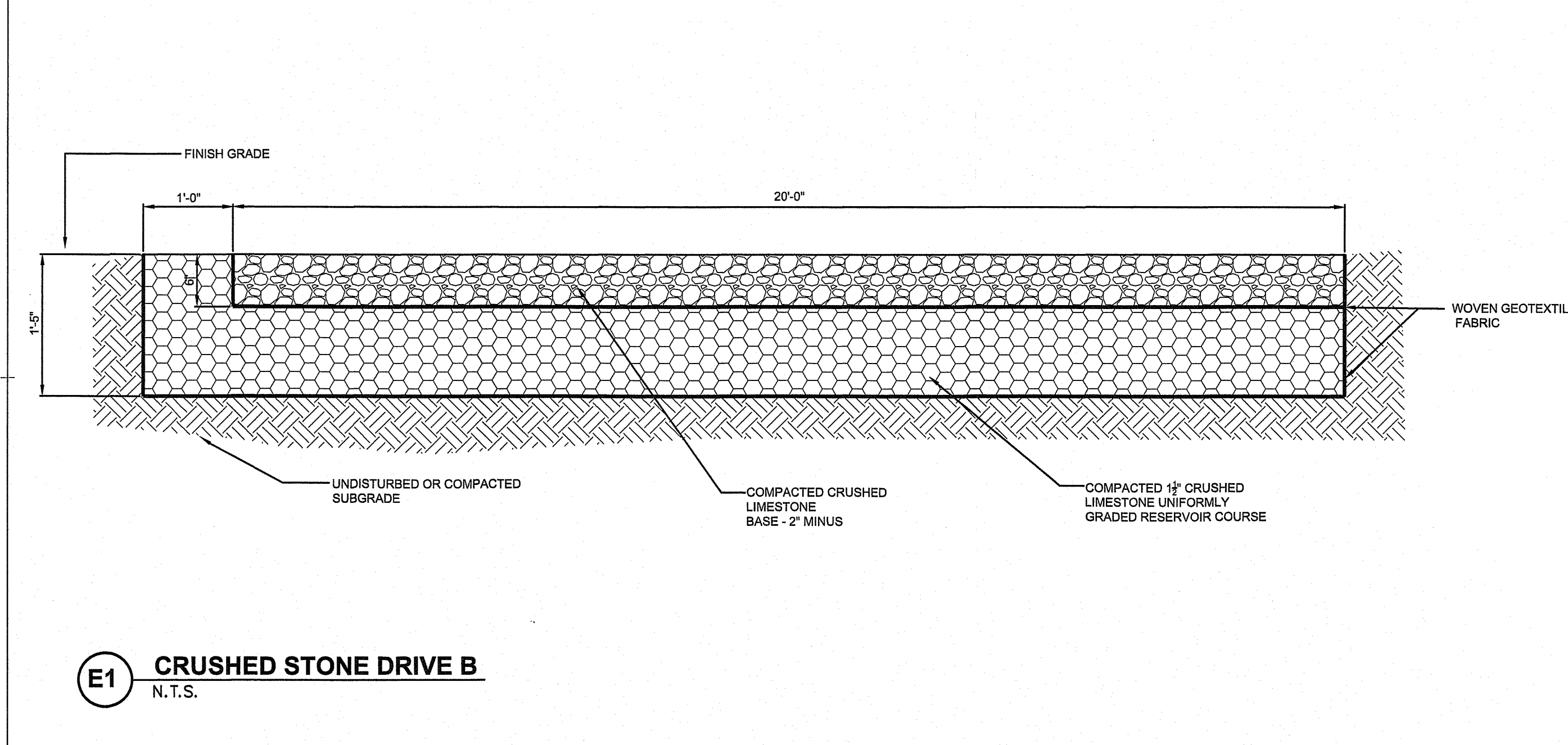
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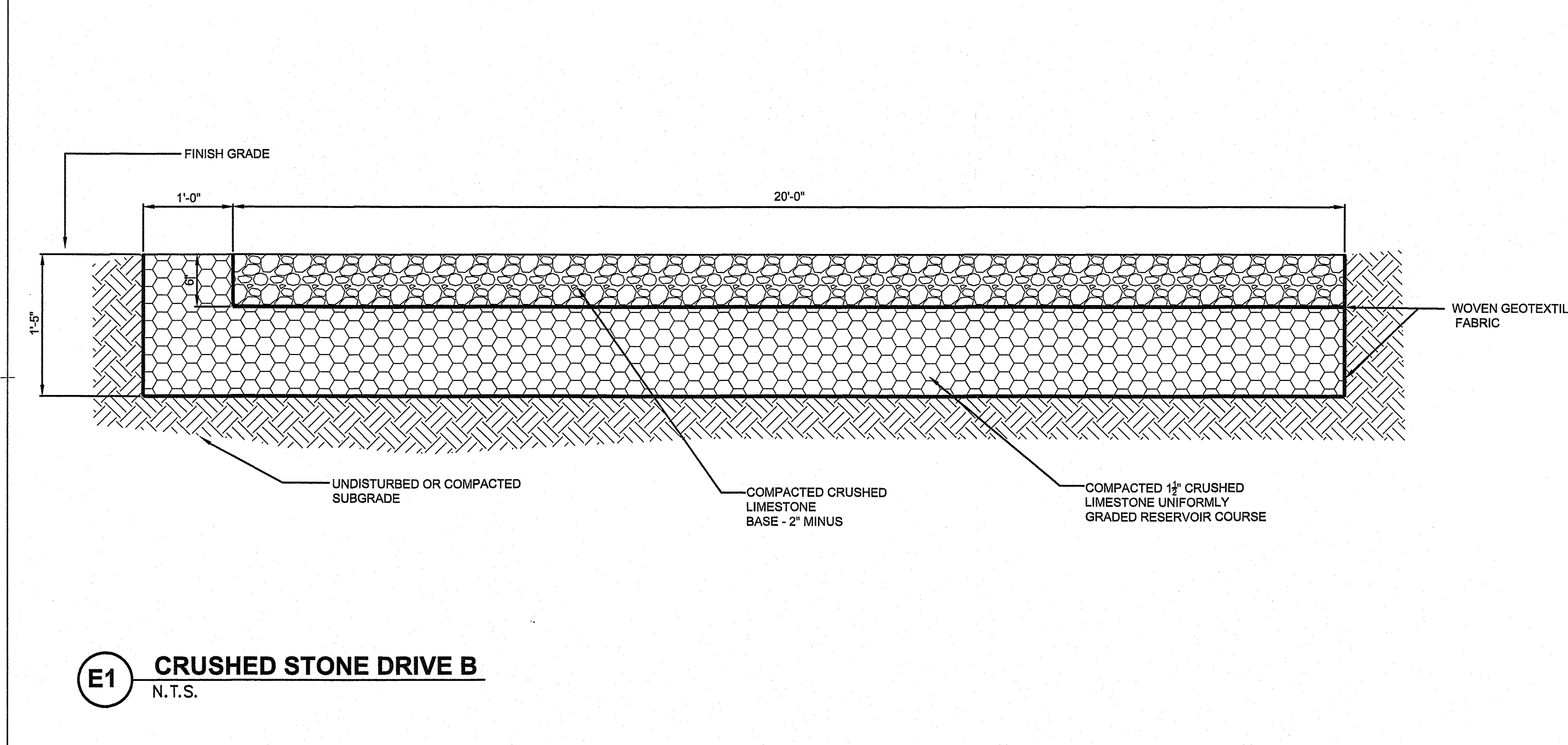
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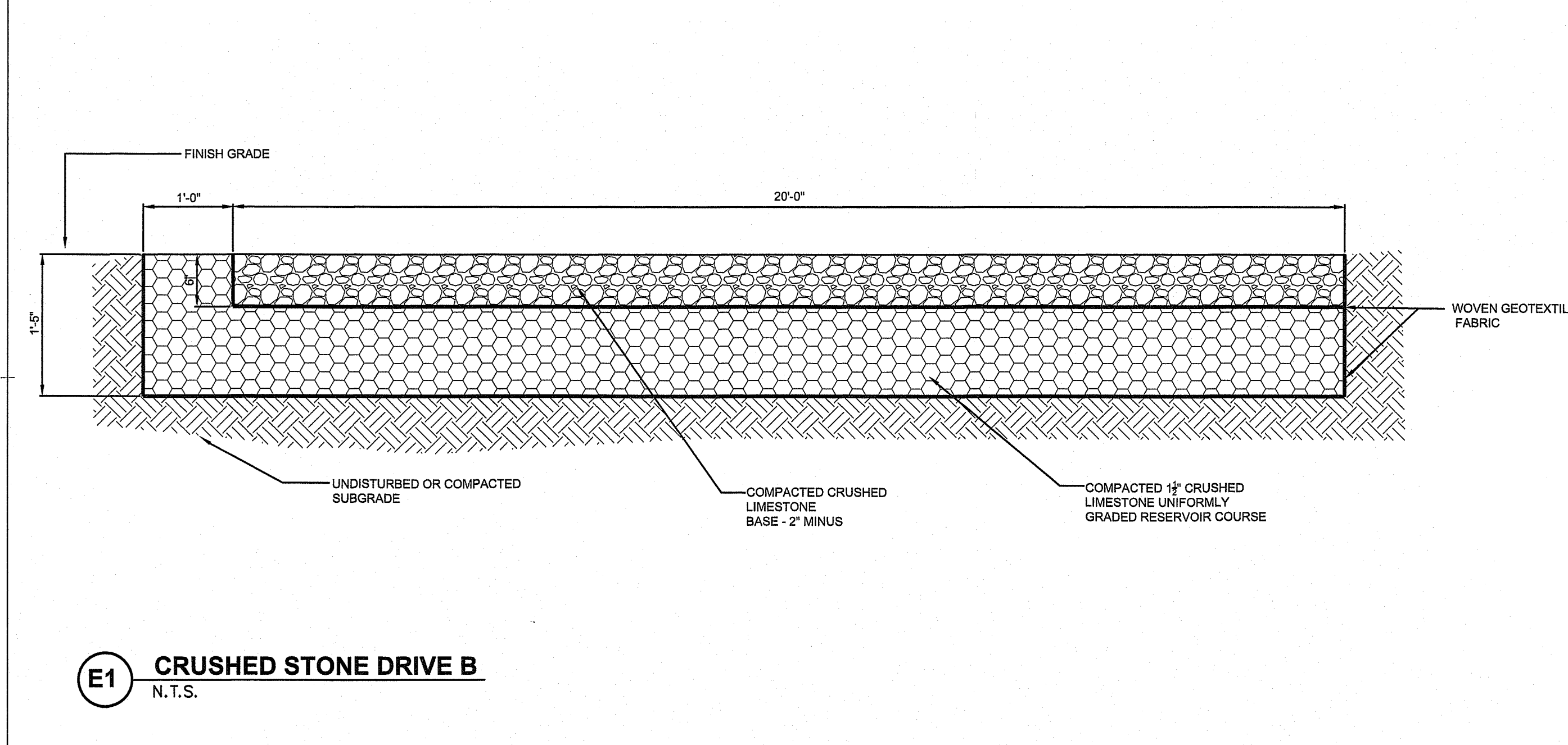
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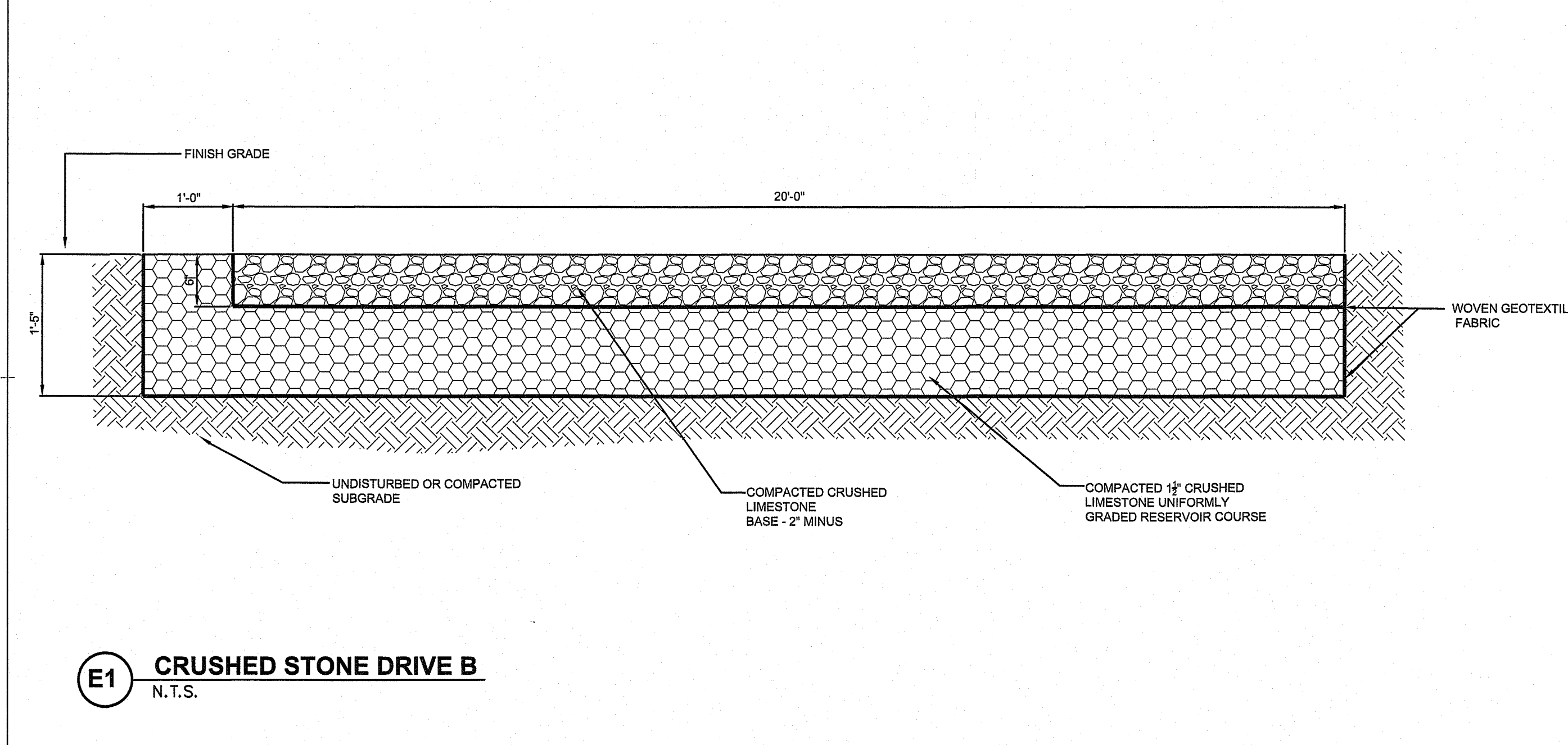
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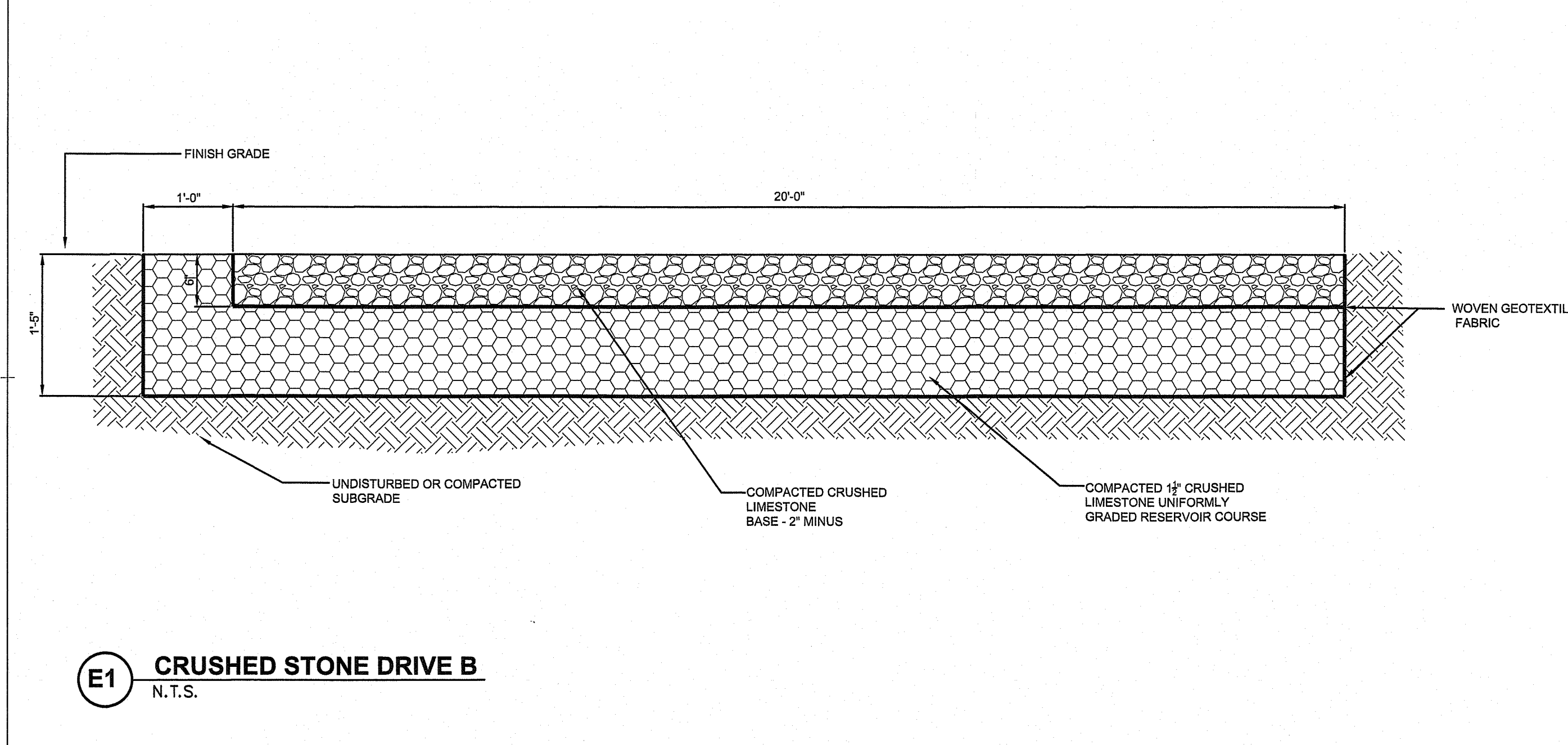
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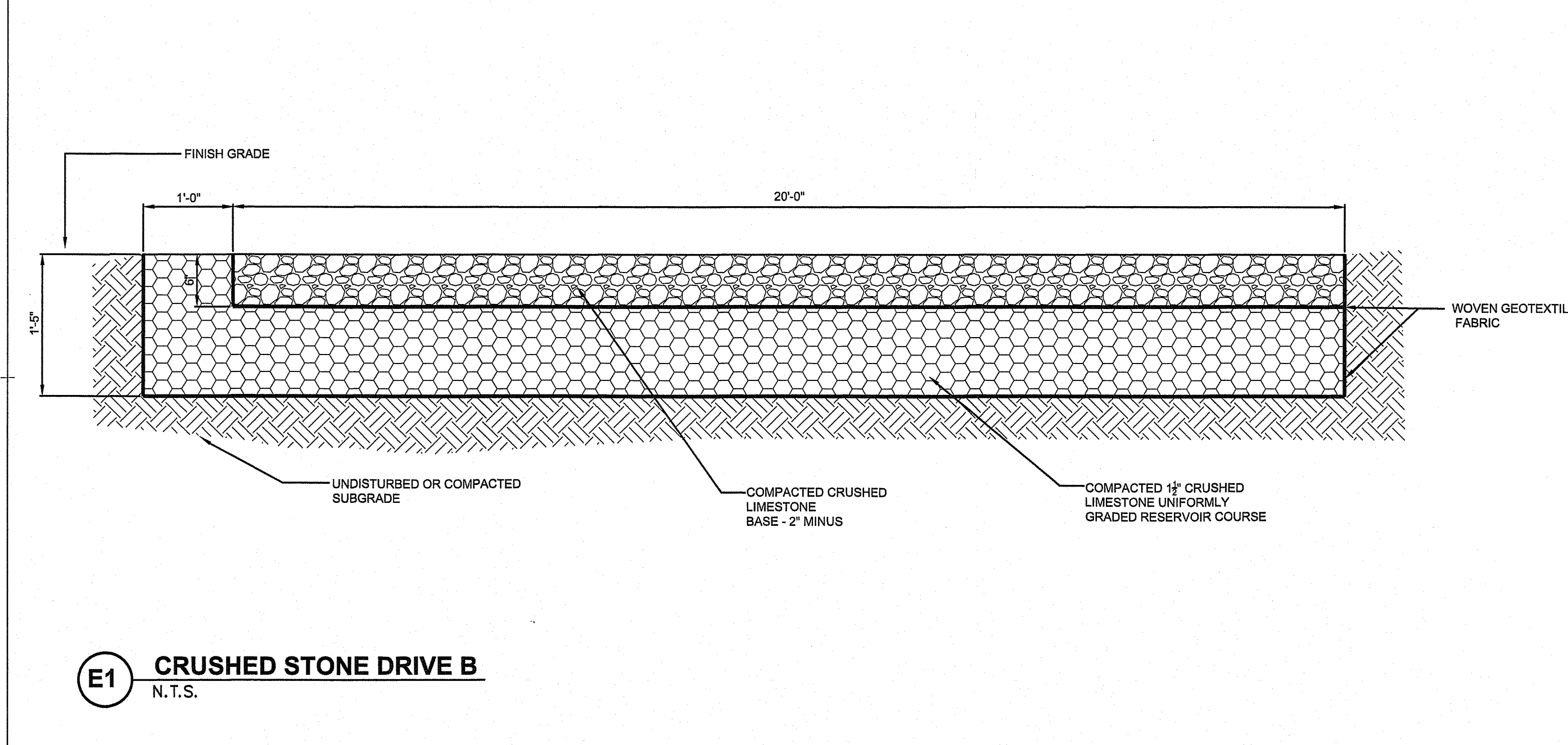
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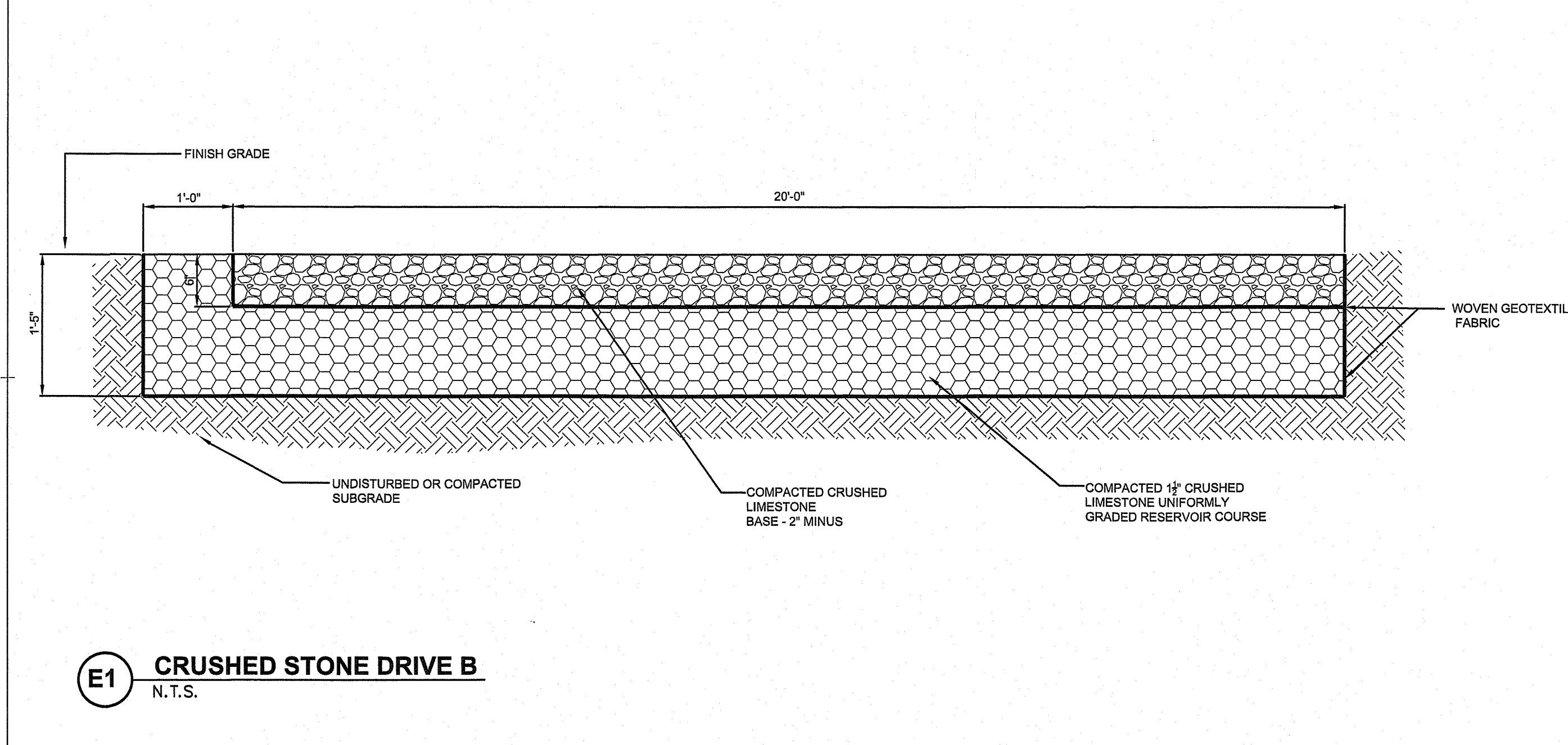
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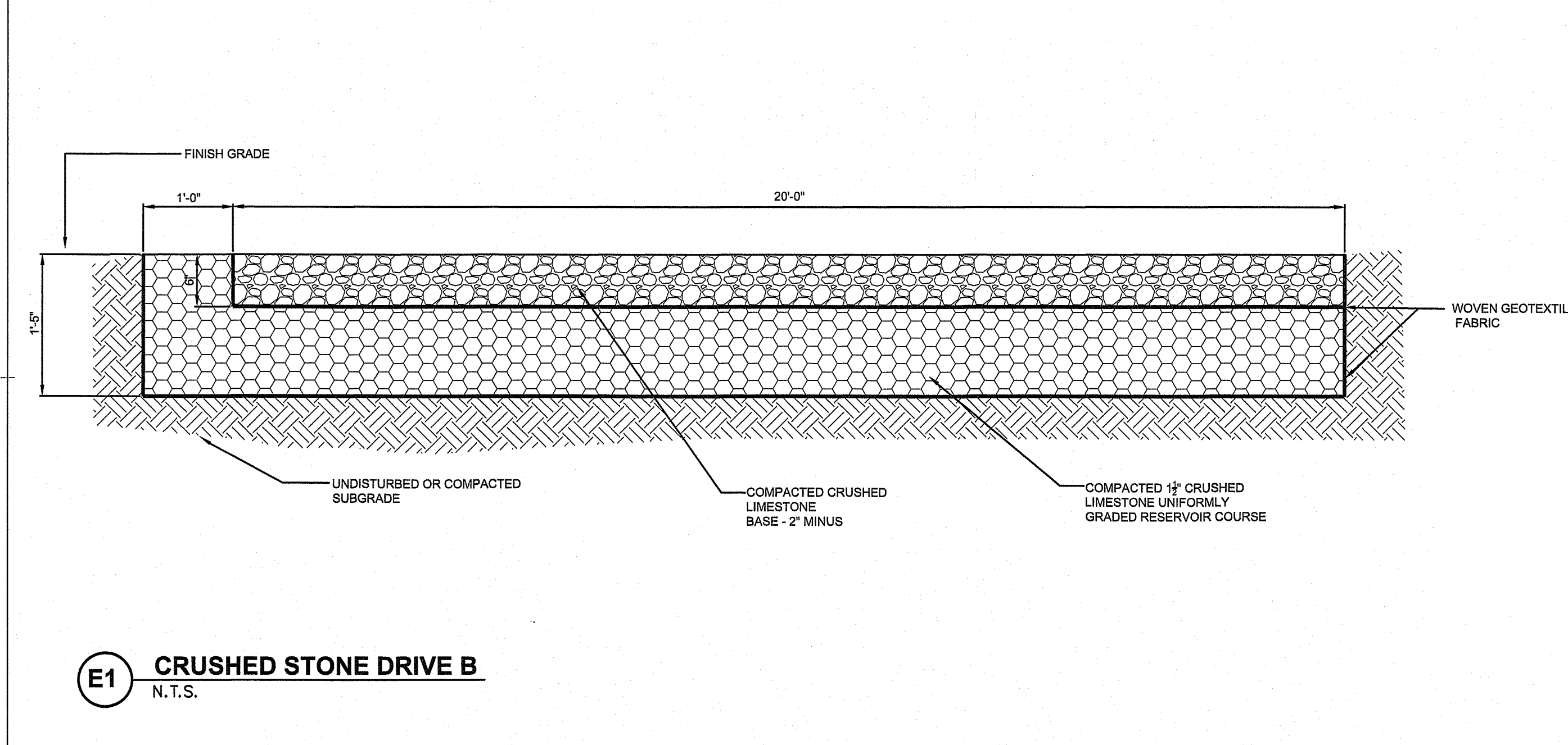
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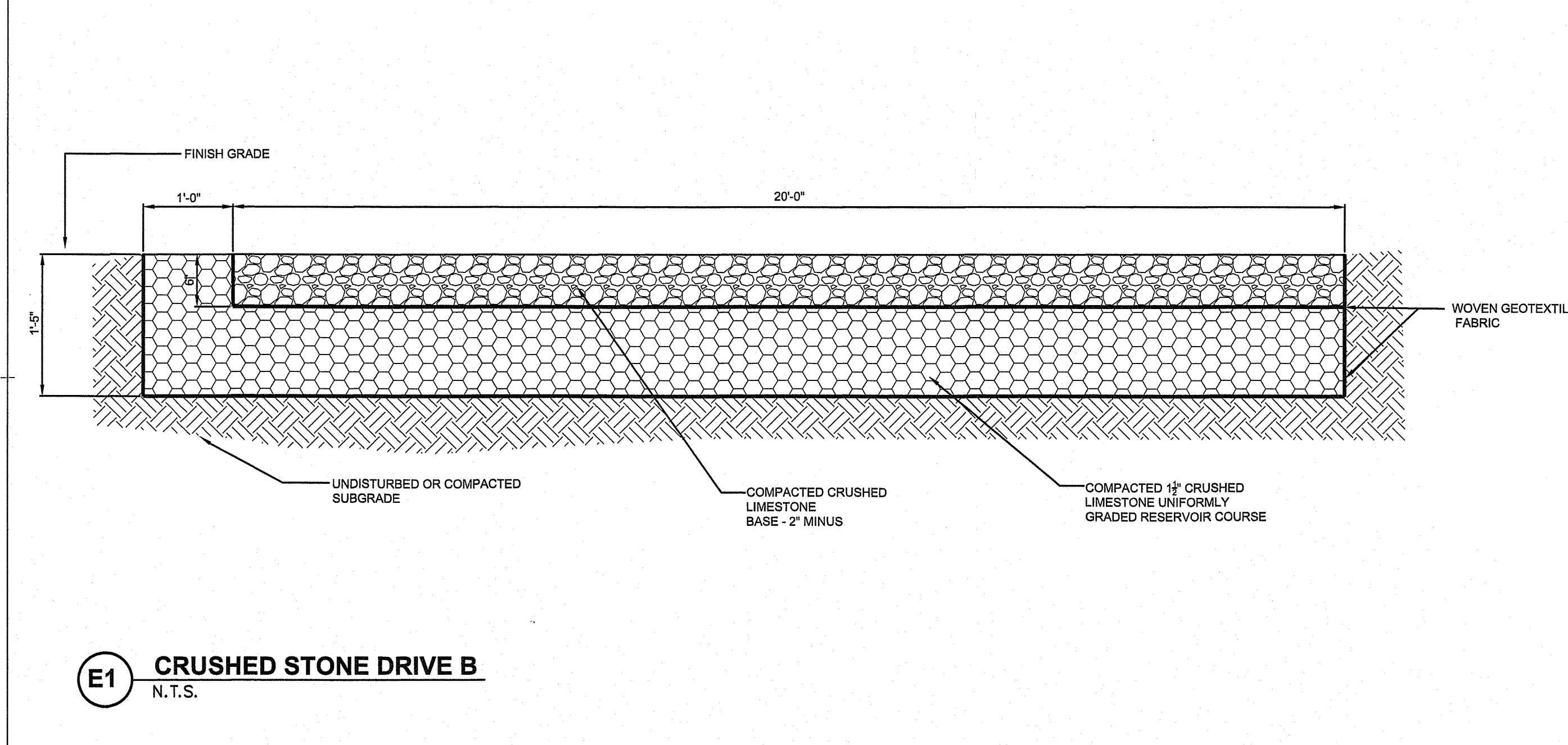
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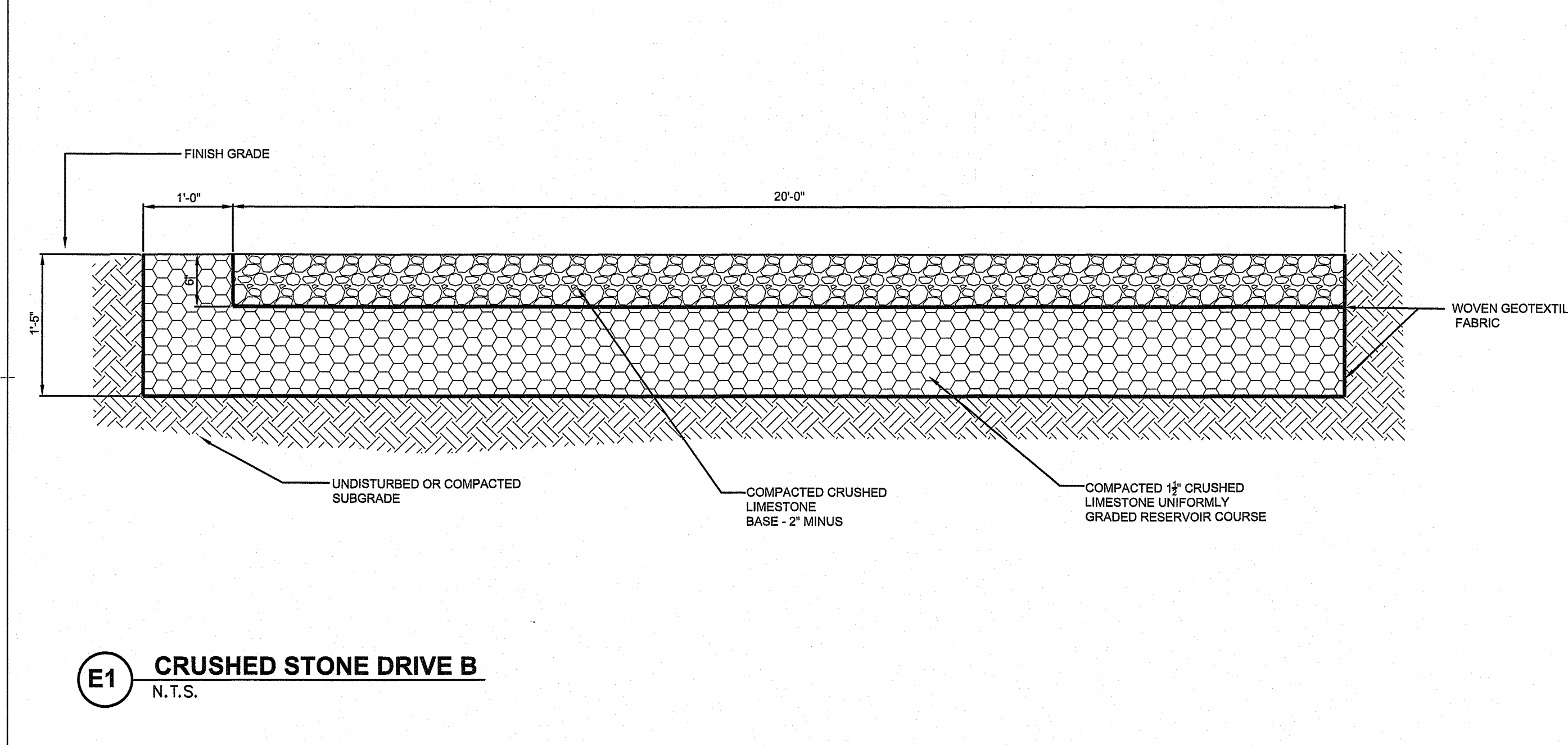
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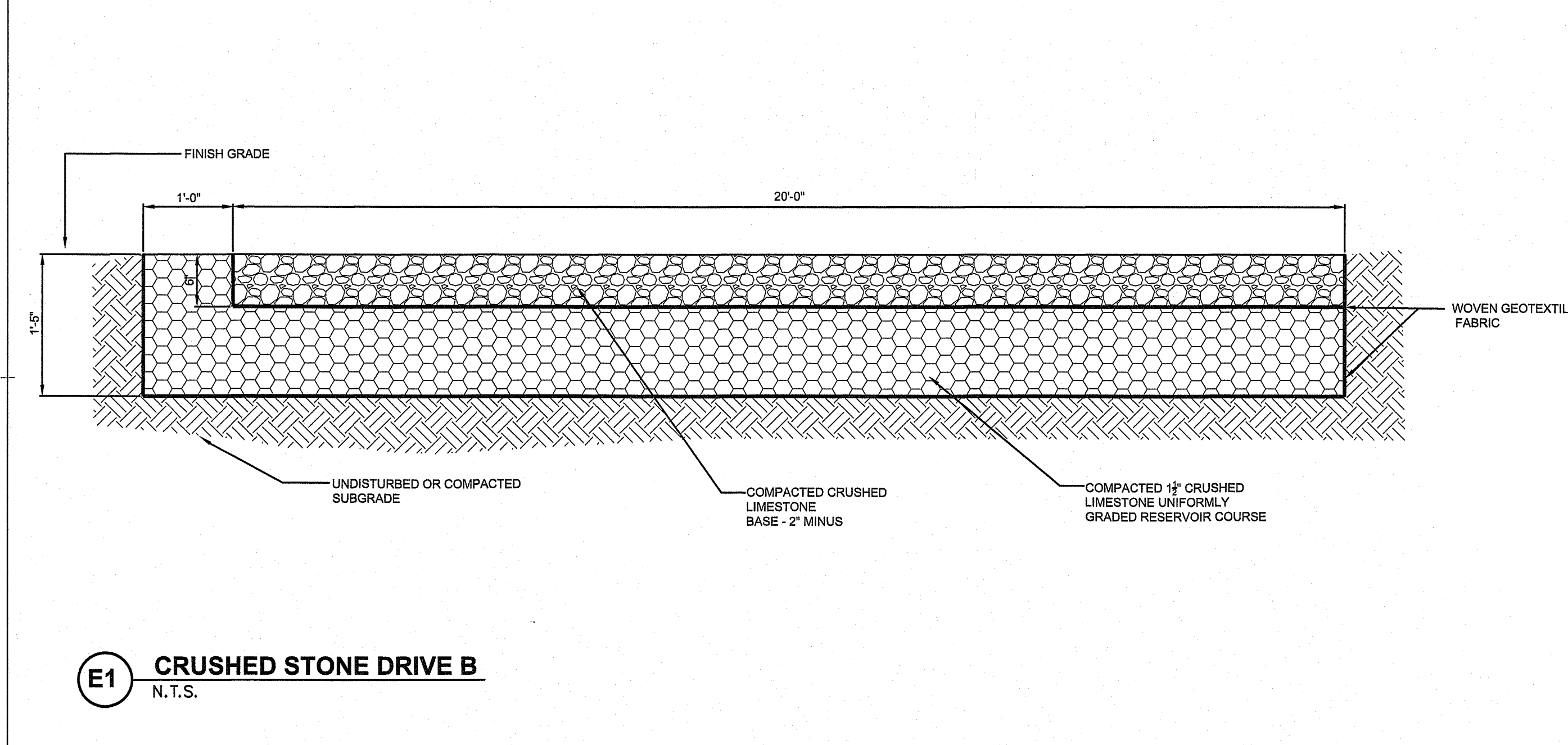
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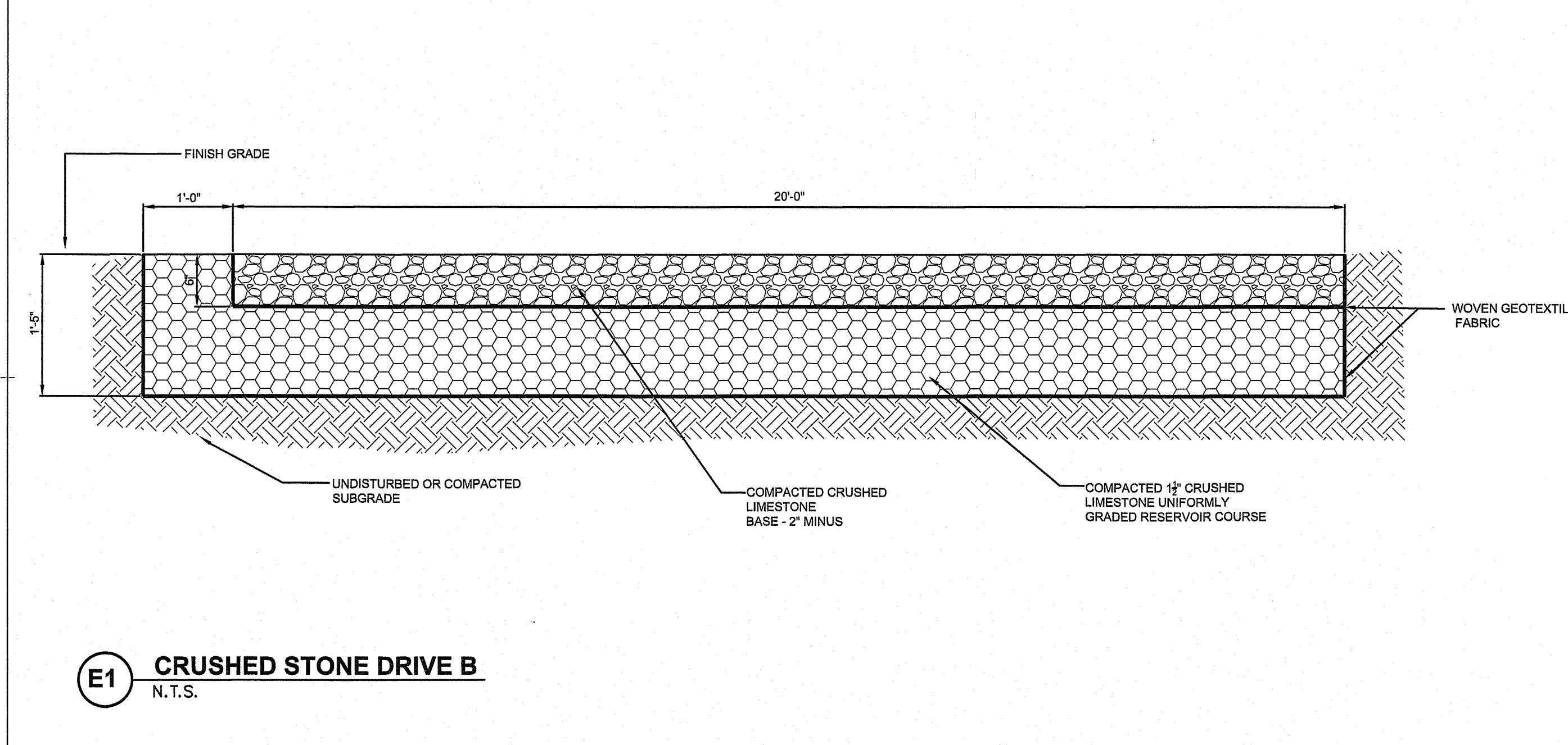
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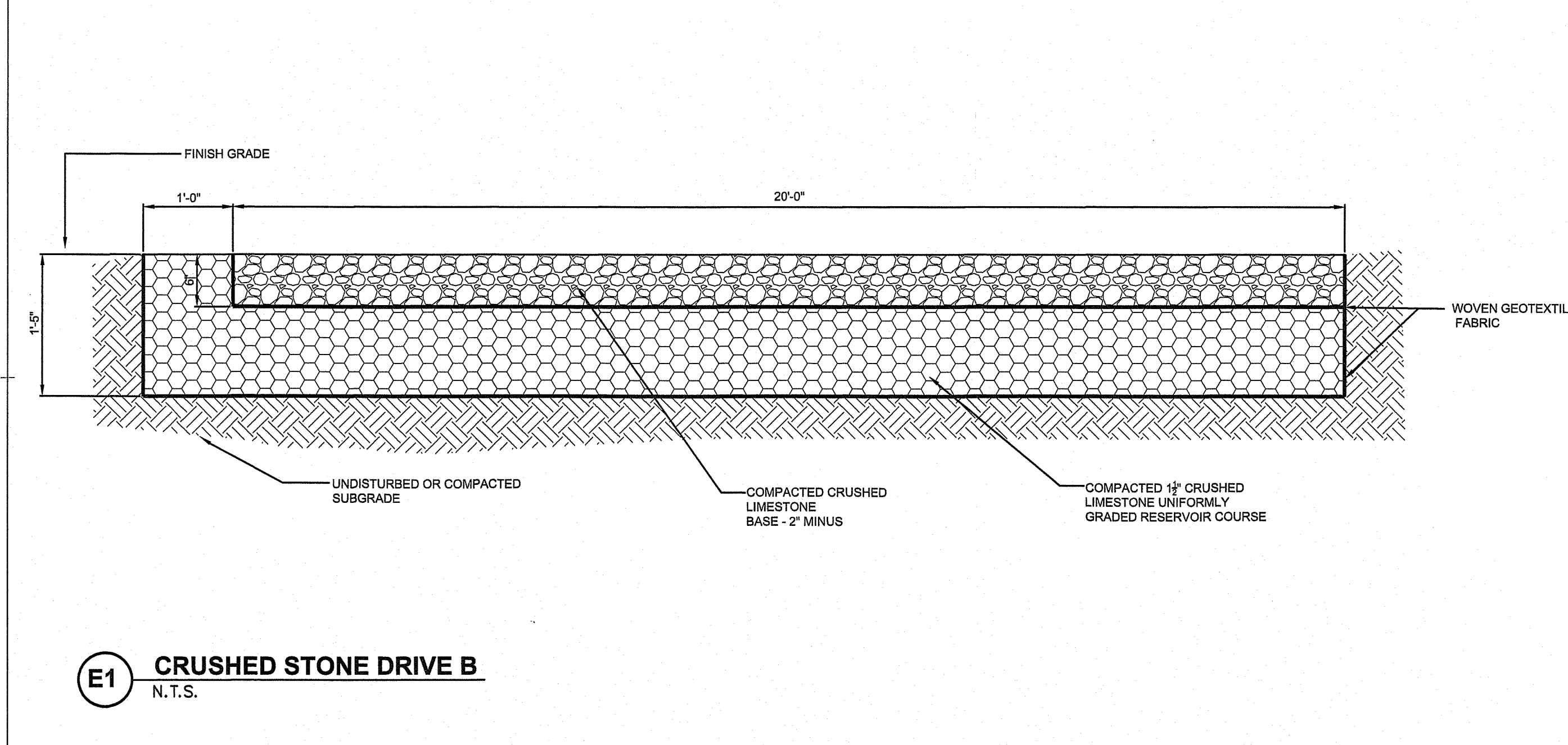
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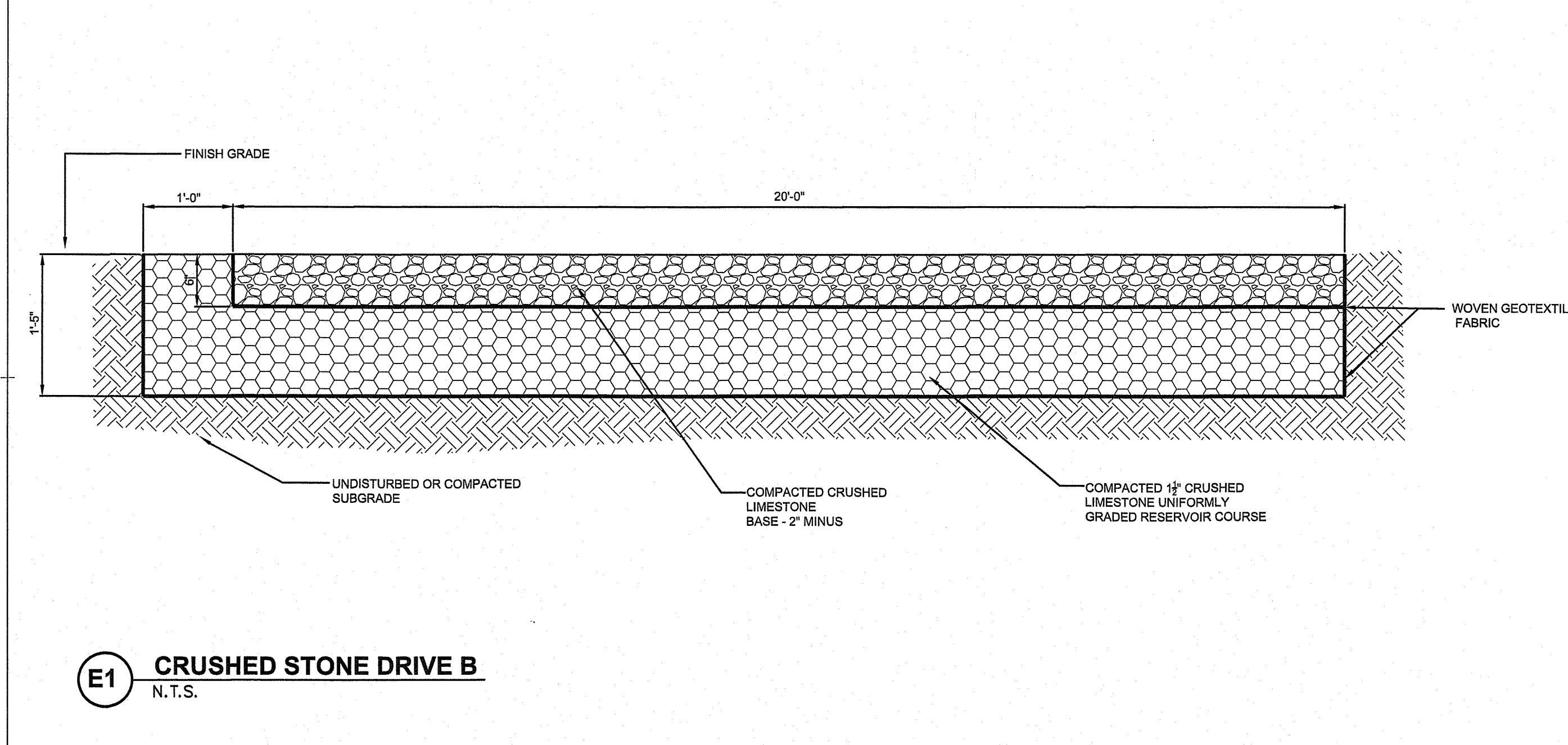
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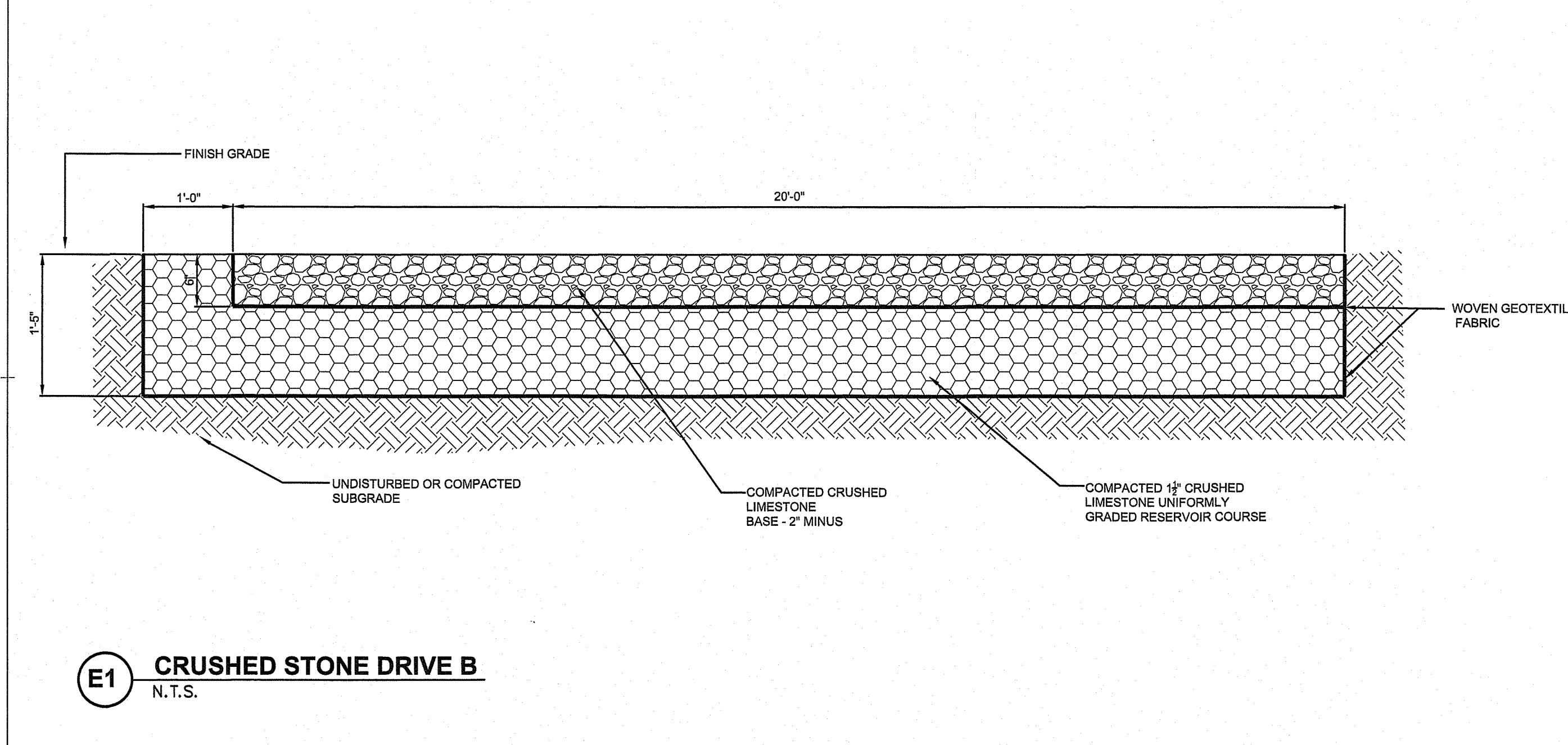
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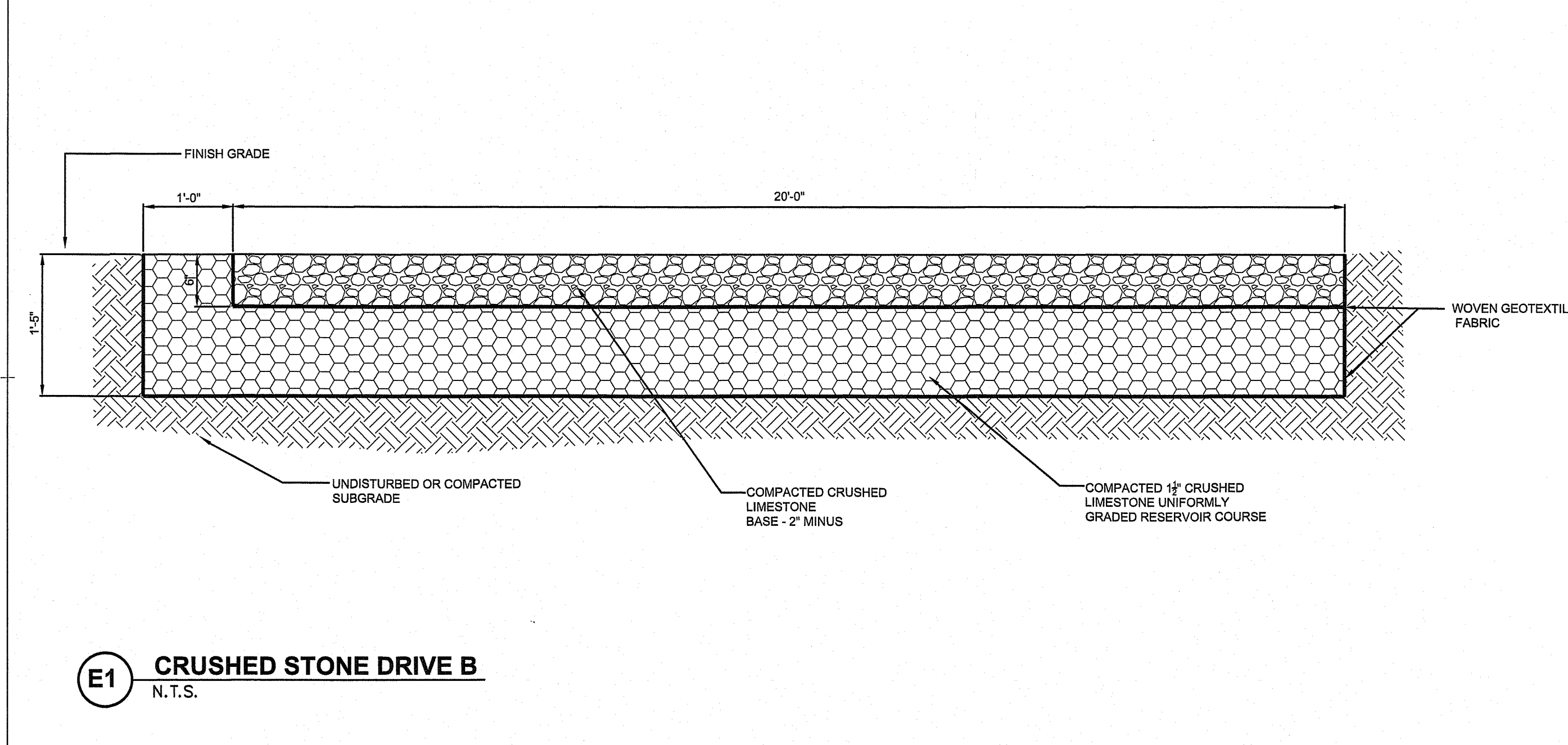
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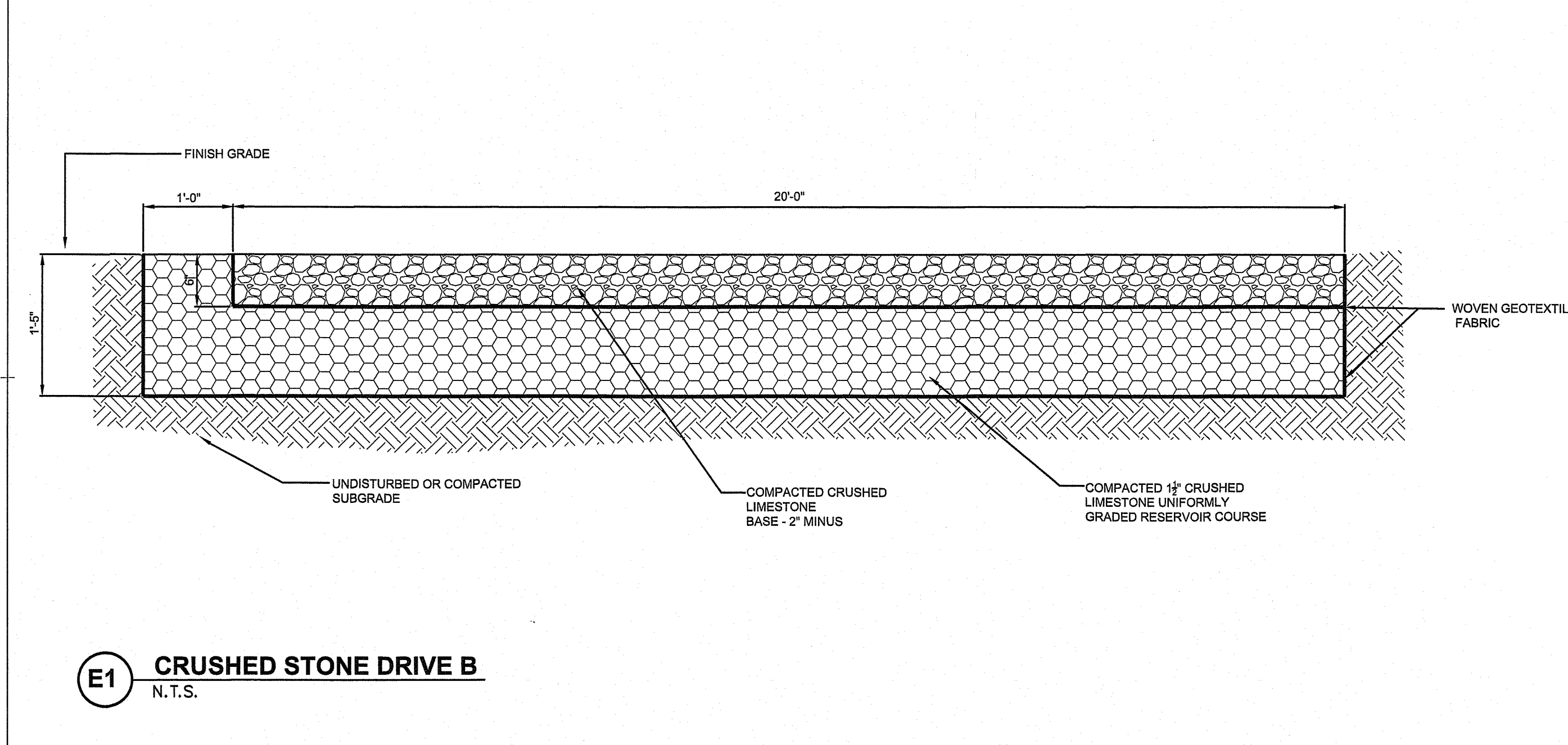
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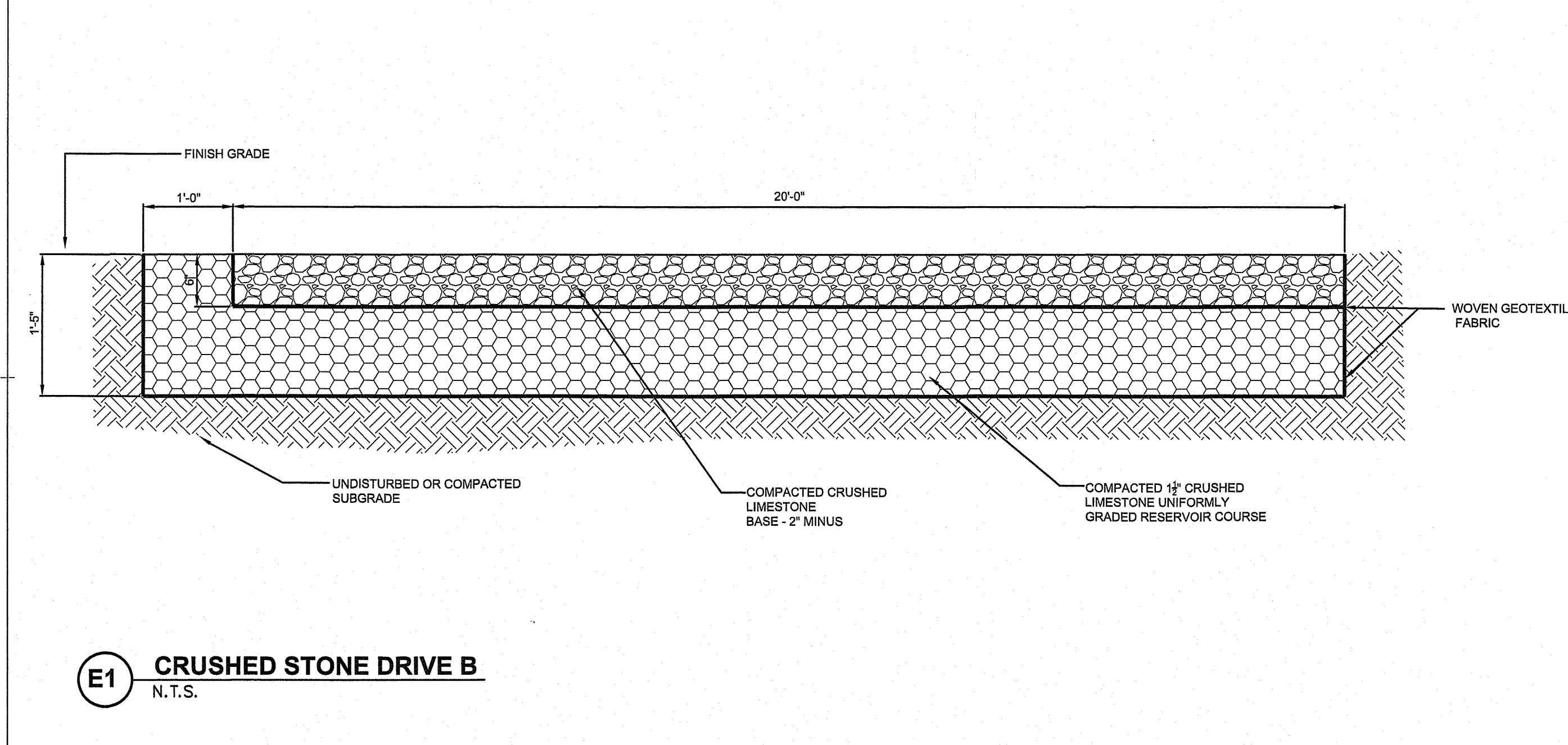
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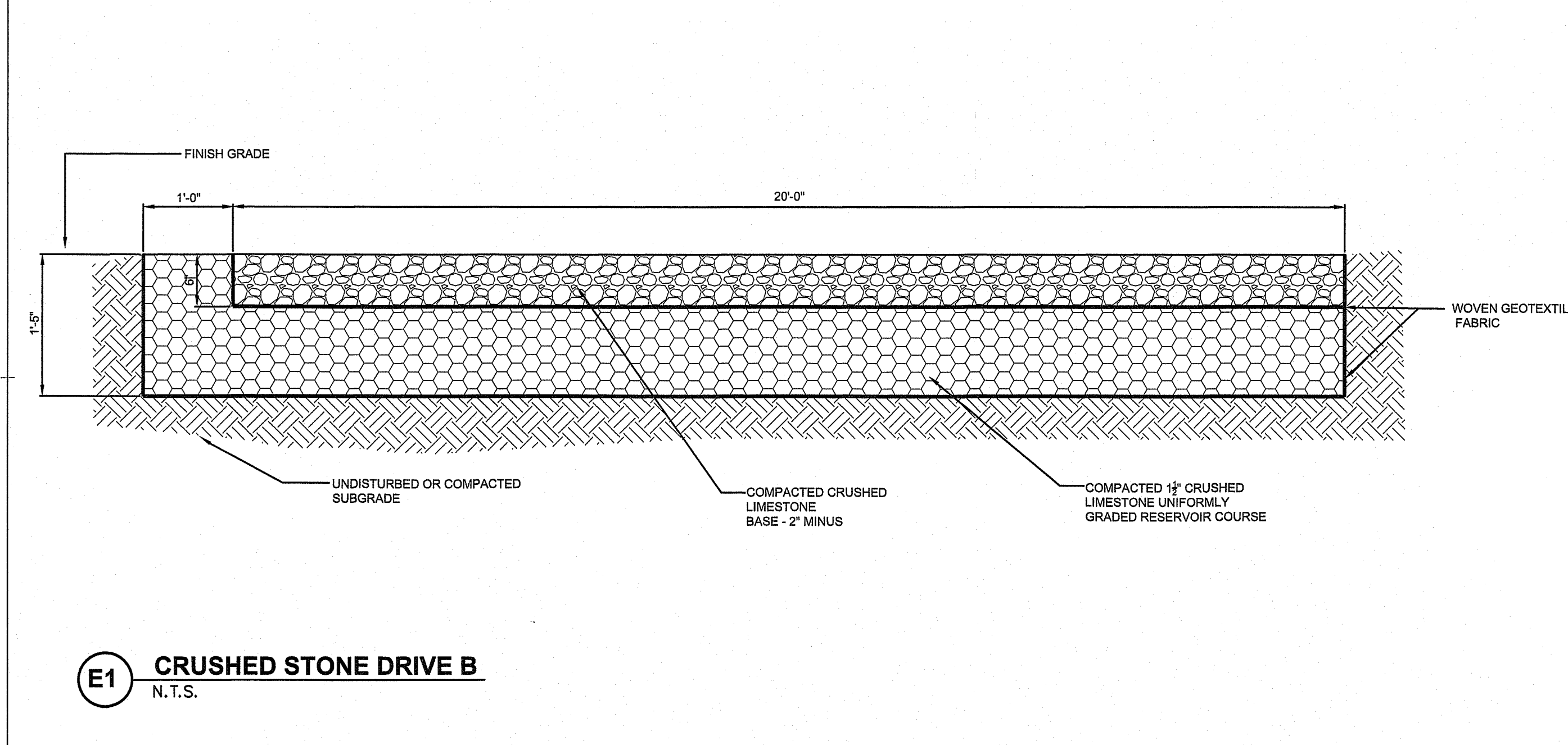
**E5 GRANITE SLOPE FACED CURB**  
N.T.S.



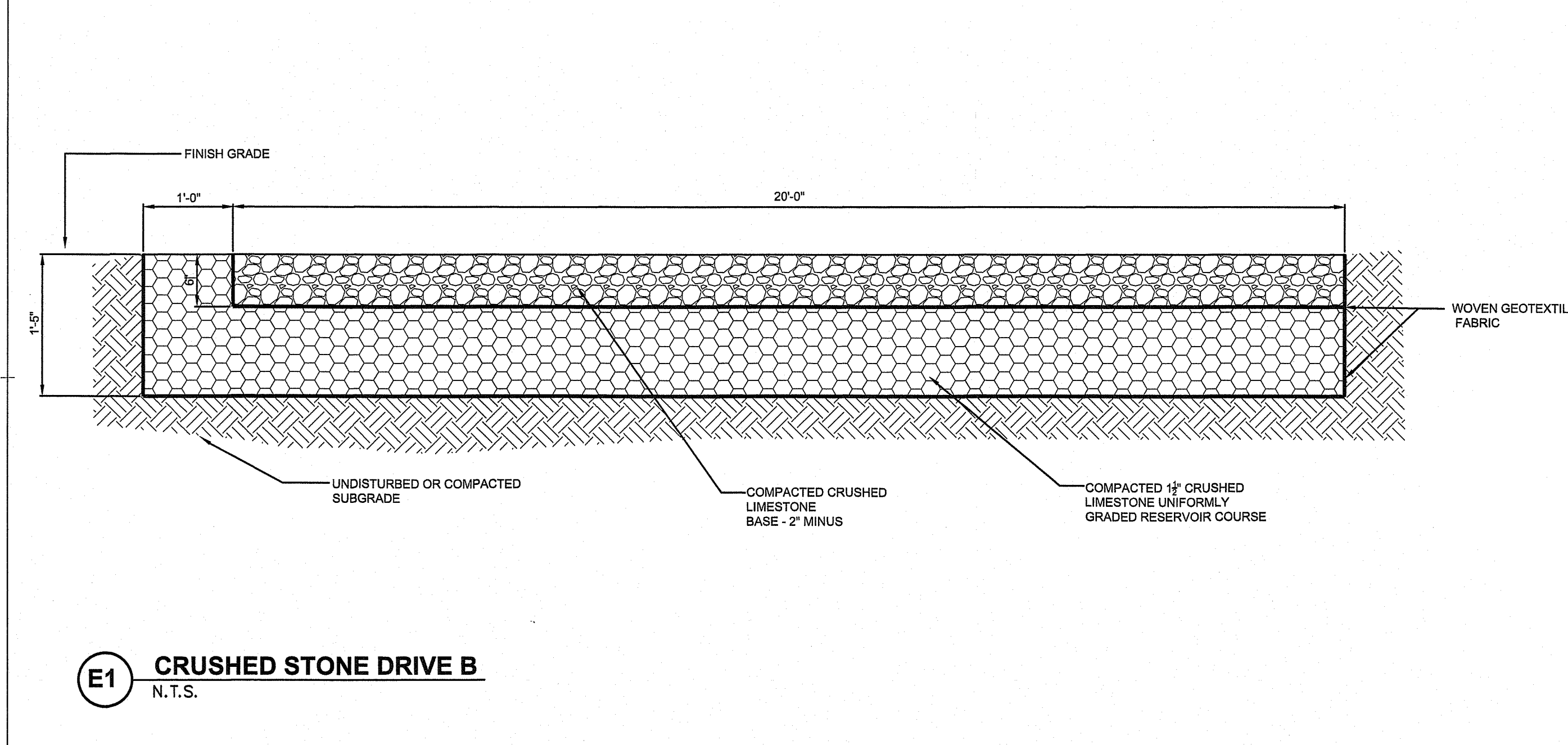
**E1 CRUSHED STONE DRIVE B**  
N.T.S.



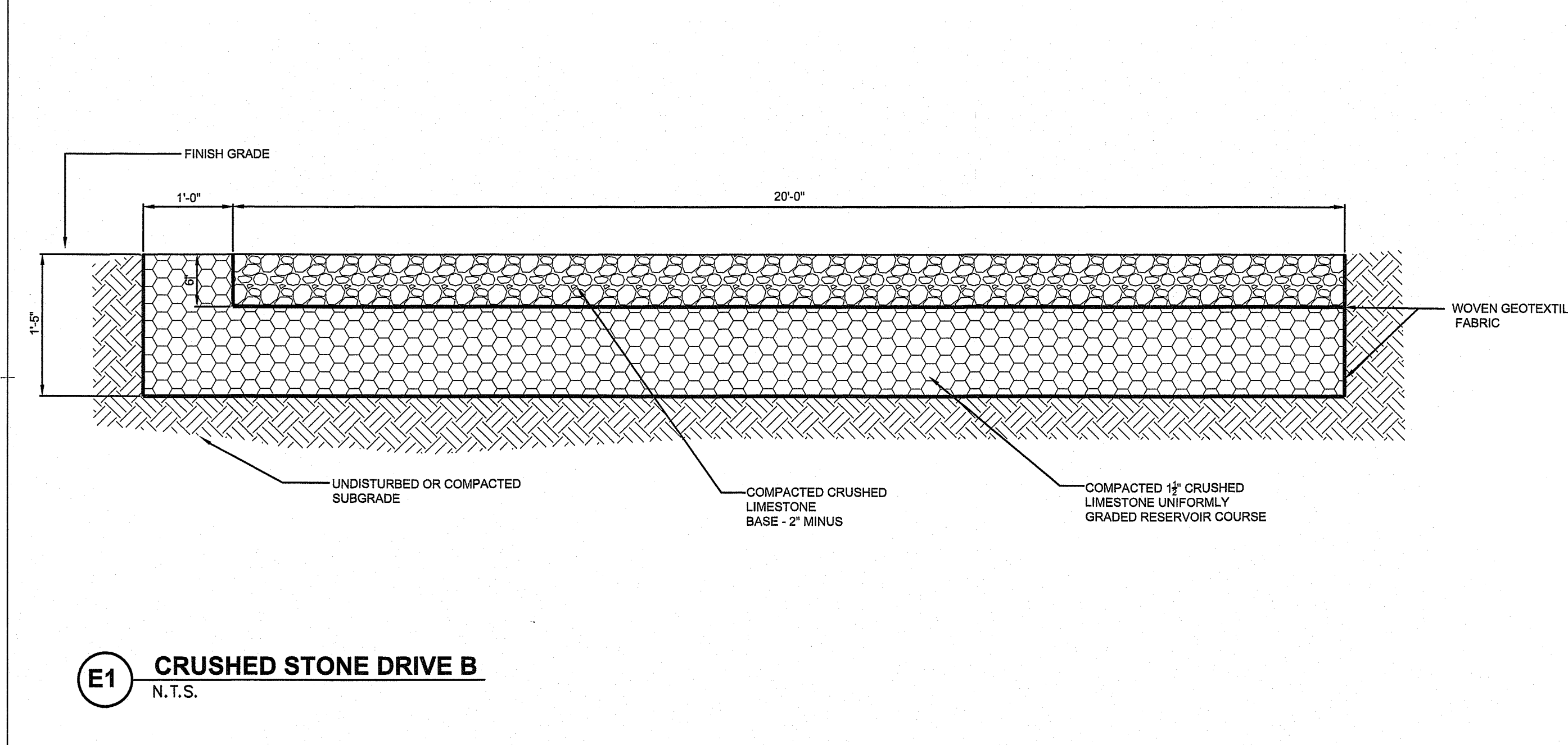
**C9 PRECAST CONCRETE CURB TRANSITION TO STRAIGHT**  
N.T.S.



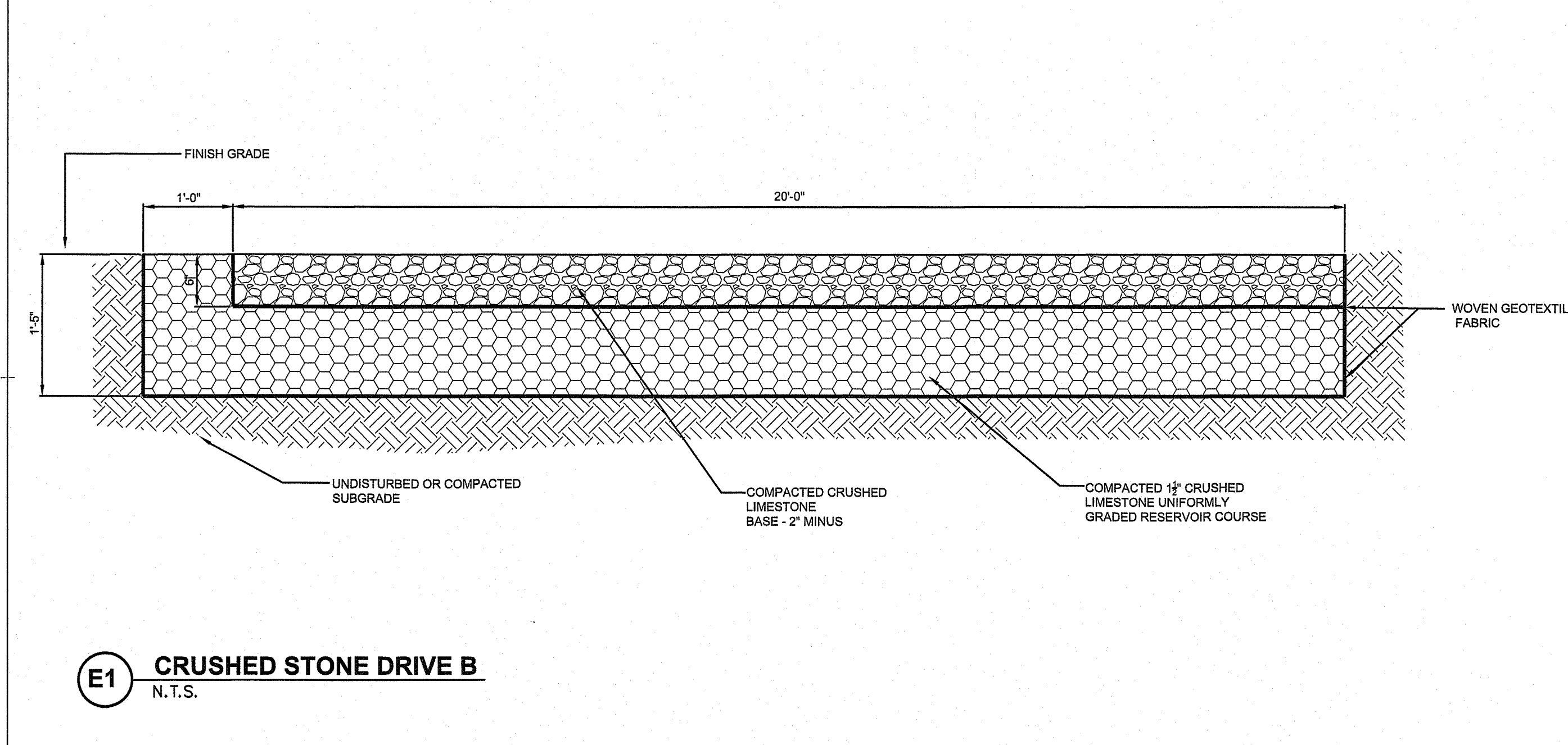
**C5 PRECAST CONCRETE SLOPED CURB**  
N.T.S.



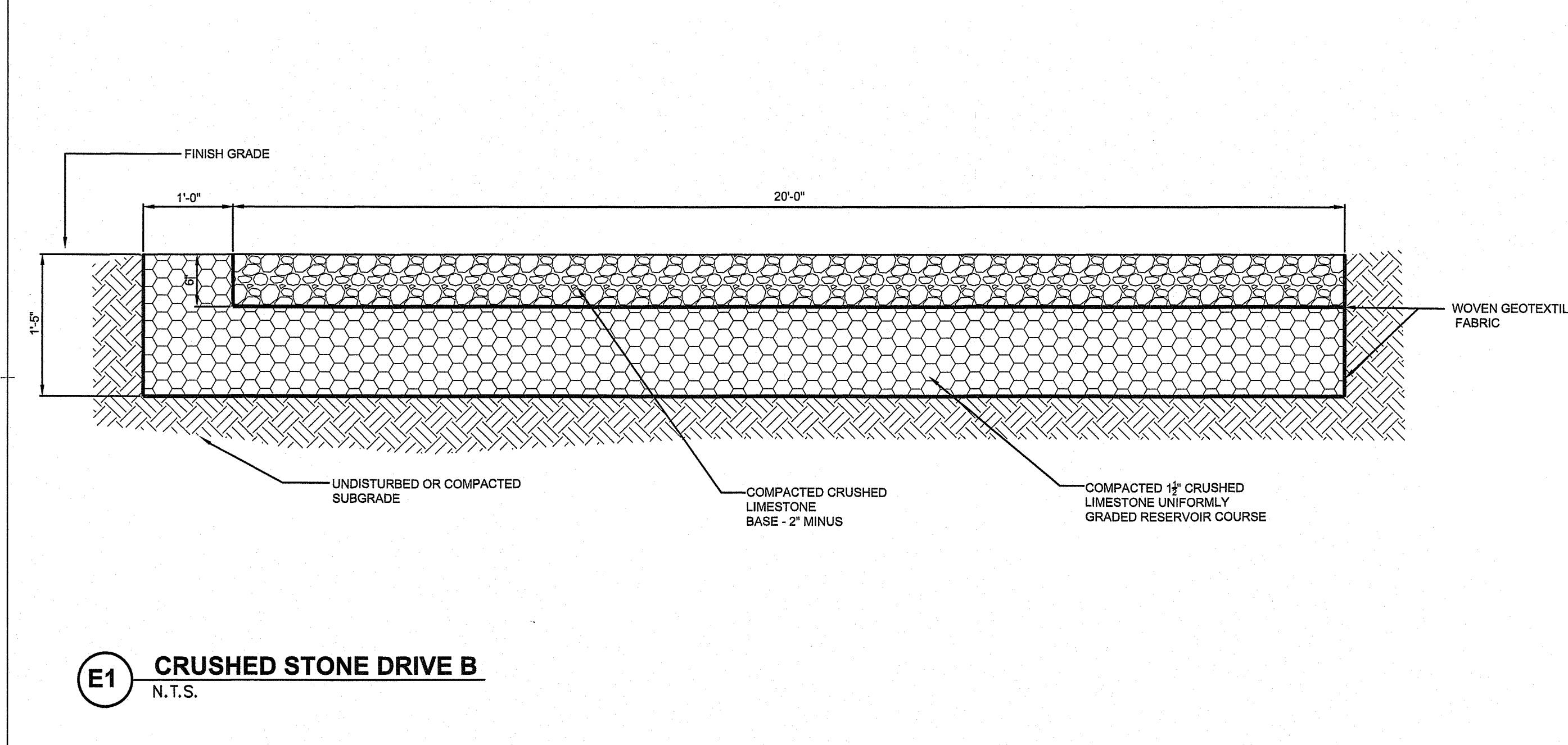
**E5 GRANITE SLOPE FACED CURB**  
N.T.S.



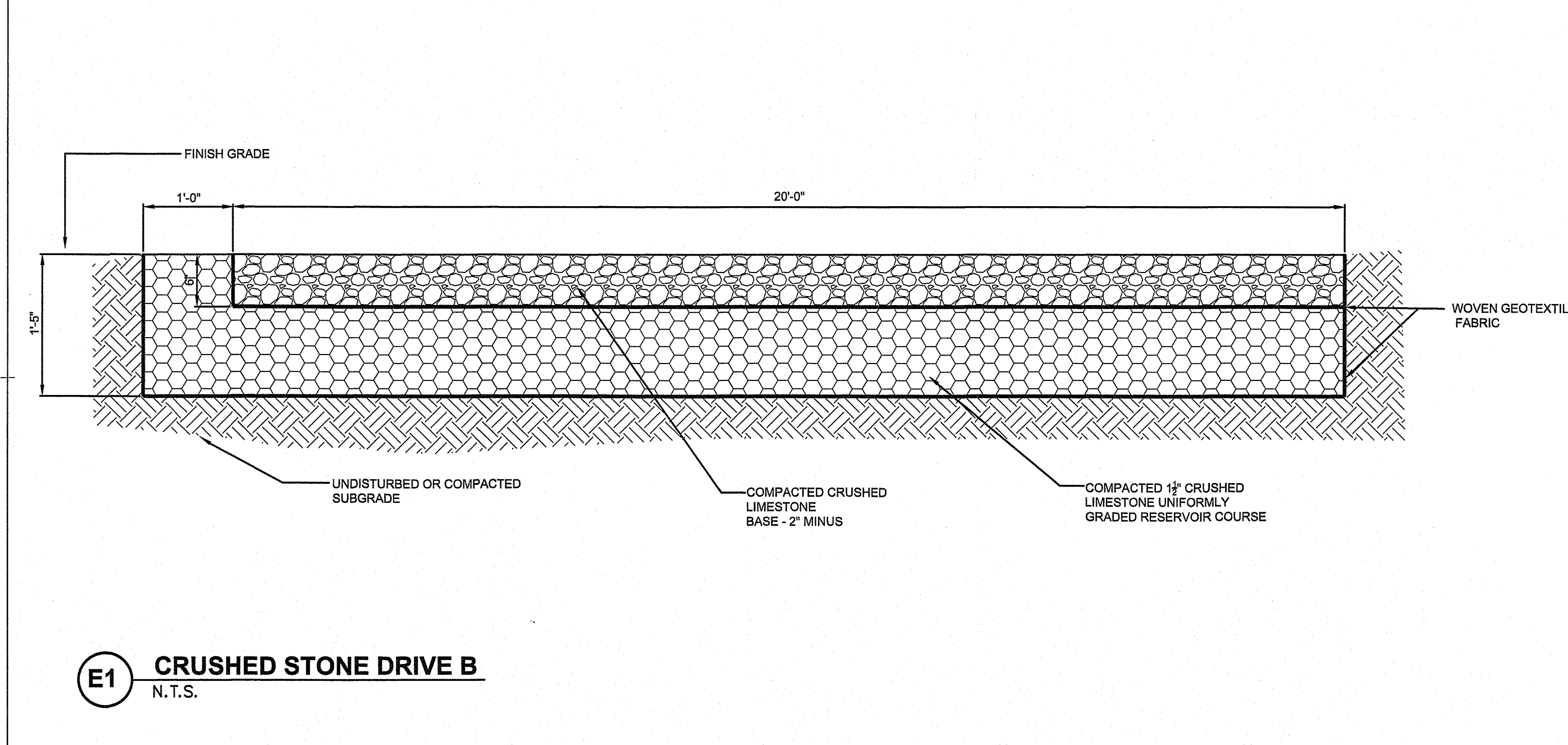
**E1 CRUSHED STONE DRIVE B**  
N.T.S.



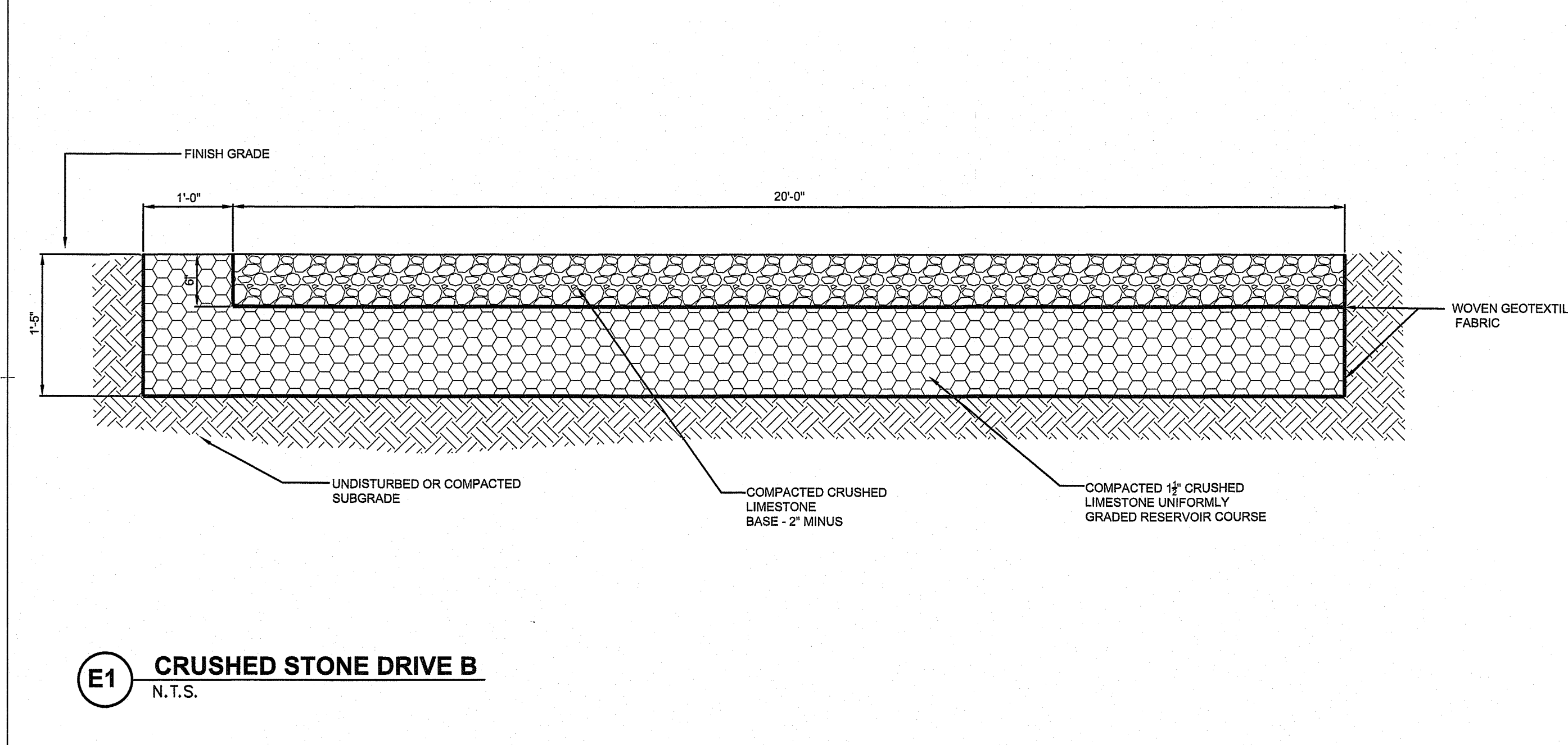
**C9 PRECAST CONCRETE CURB TRANSITION TO STRAIGHT**  
N.T.S.



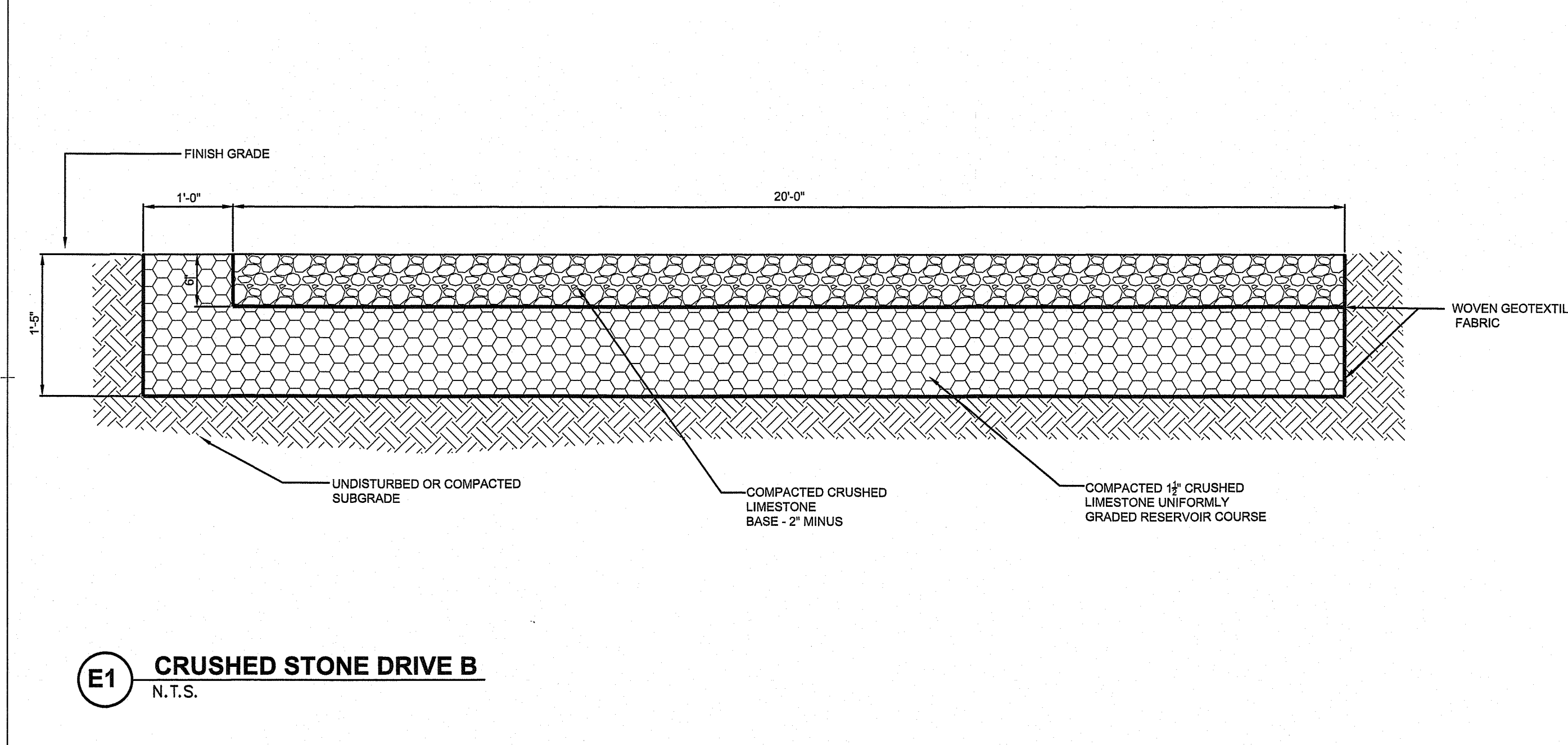
**C5 PRECAST CONCRETE SLOPED CURB**  
N.T.S.



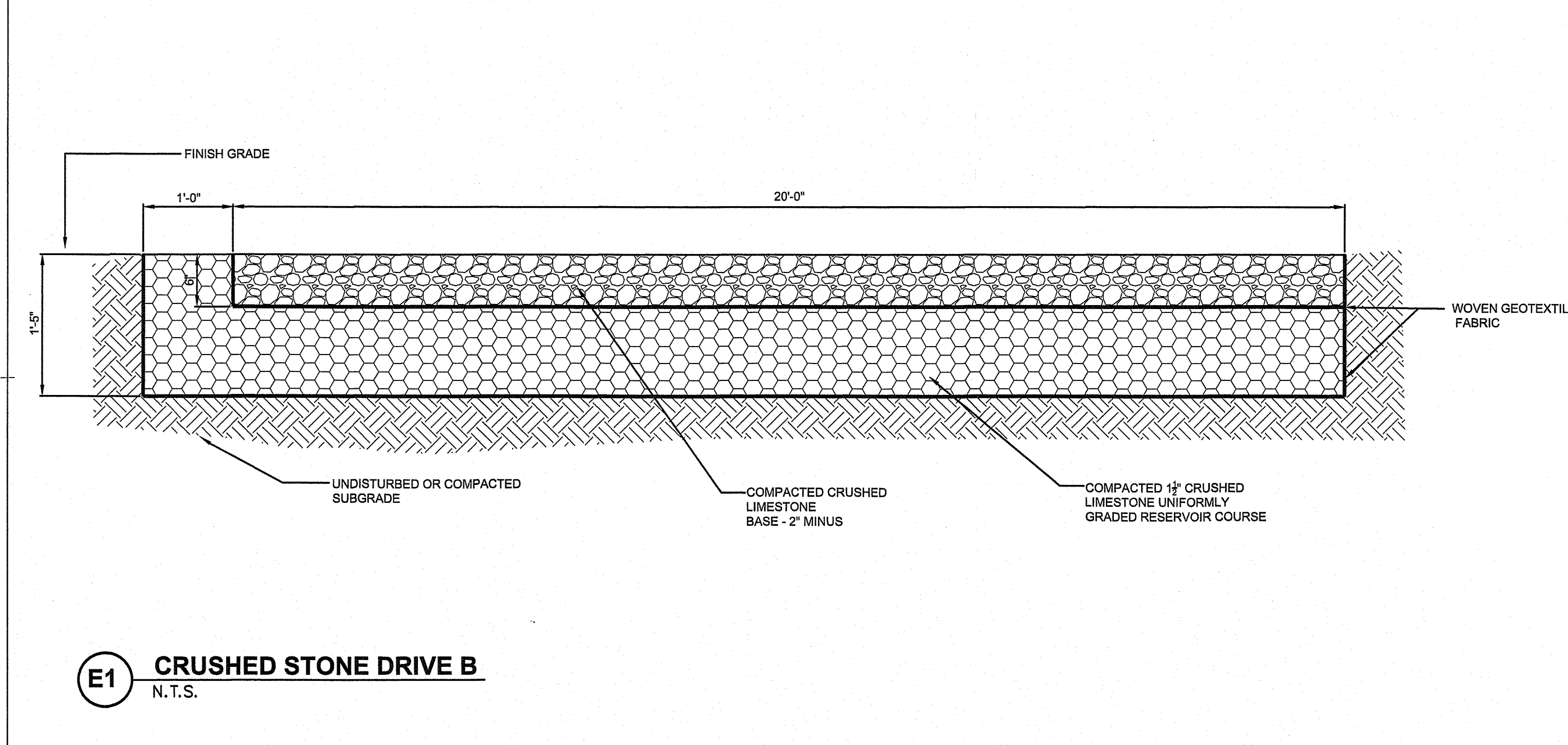
**E5 GRANITE SLOPE FACED CURB**  
N.T.S.



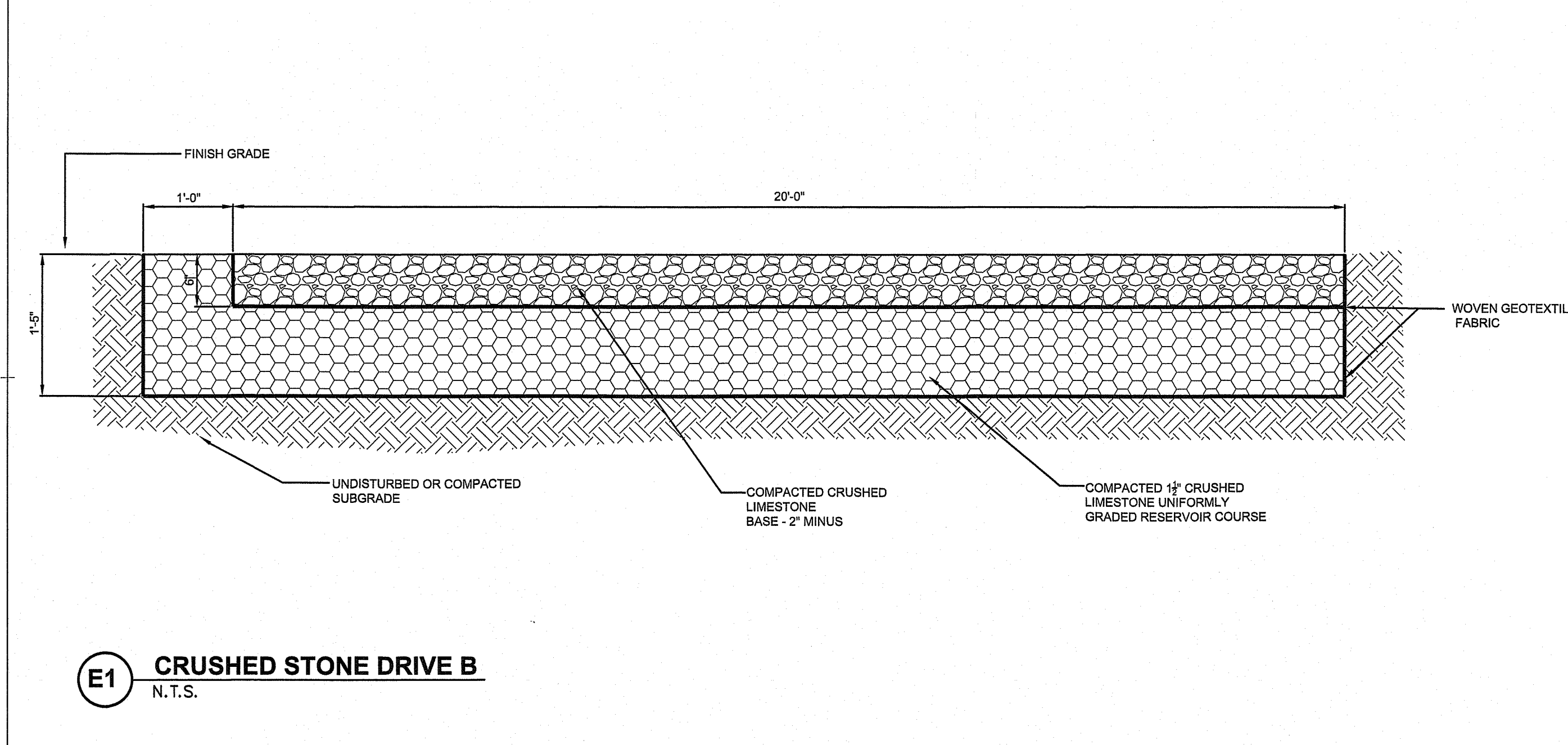
**E1 CRUSHED STONE DRIVE B**  
N.T.S.



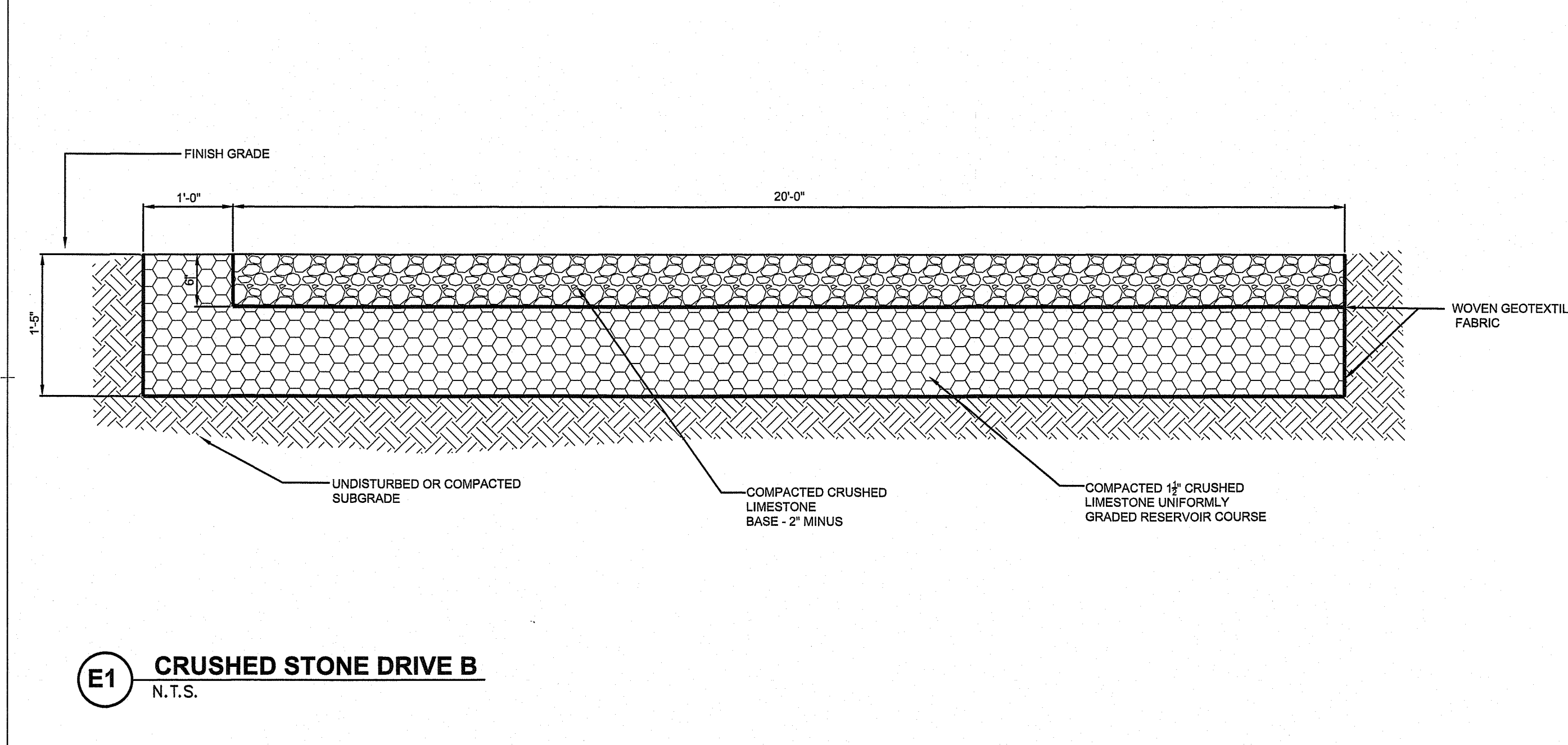
**C9 PRECAST CONCRETE CURB TRANSITION TO STRAIGHT**  
N.T.S.



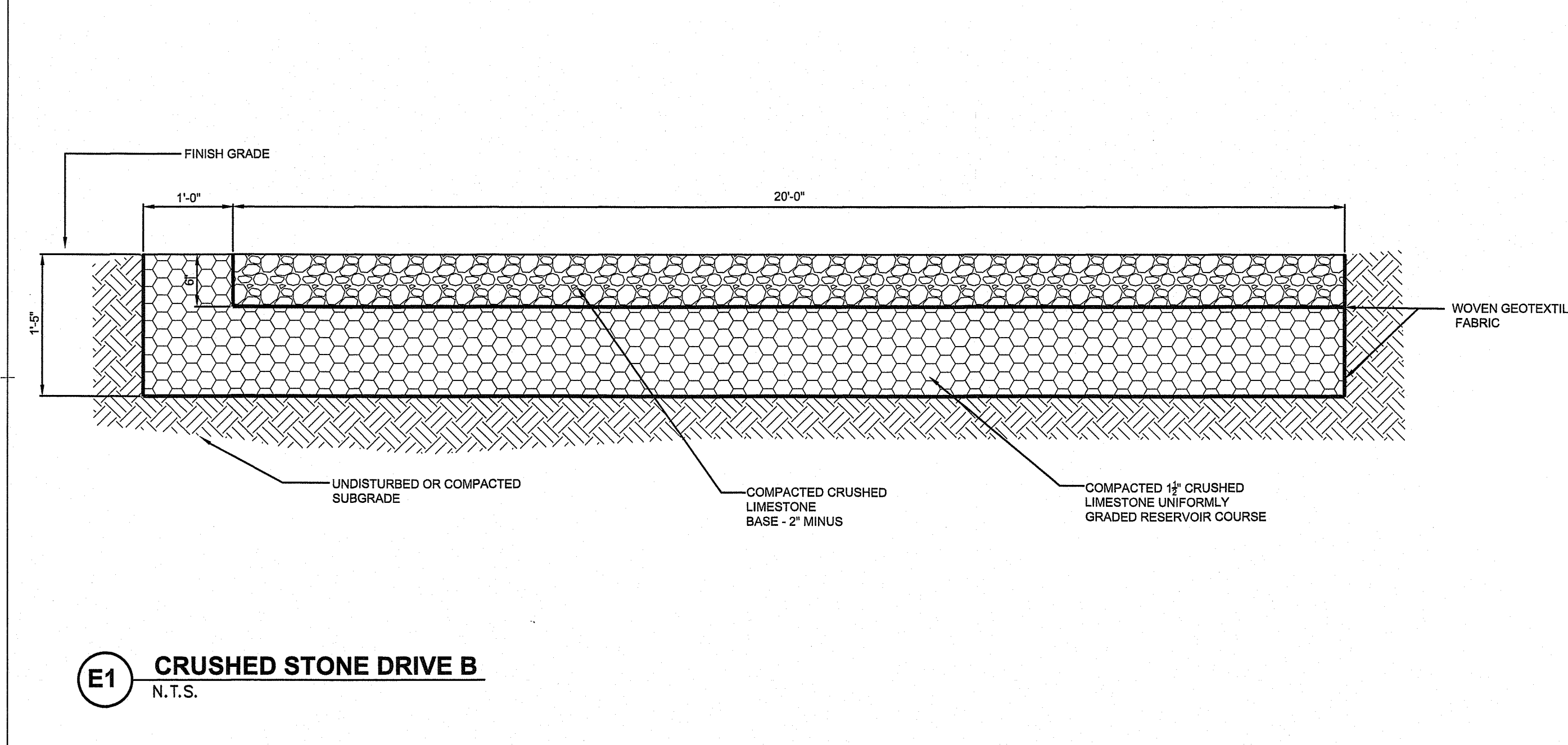
**C5 PRECAST CONCRETE SLOPED CURB**  
N.T.S.



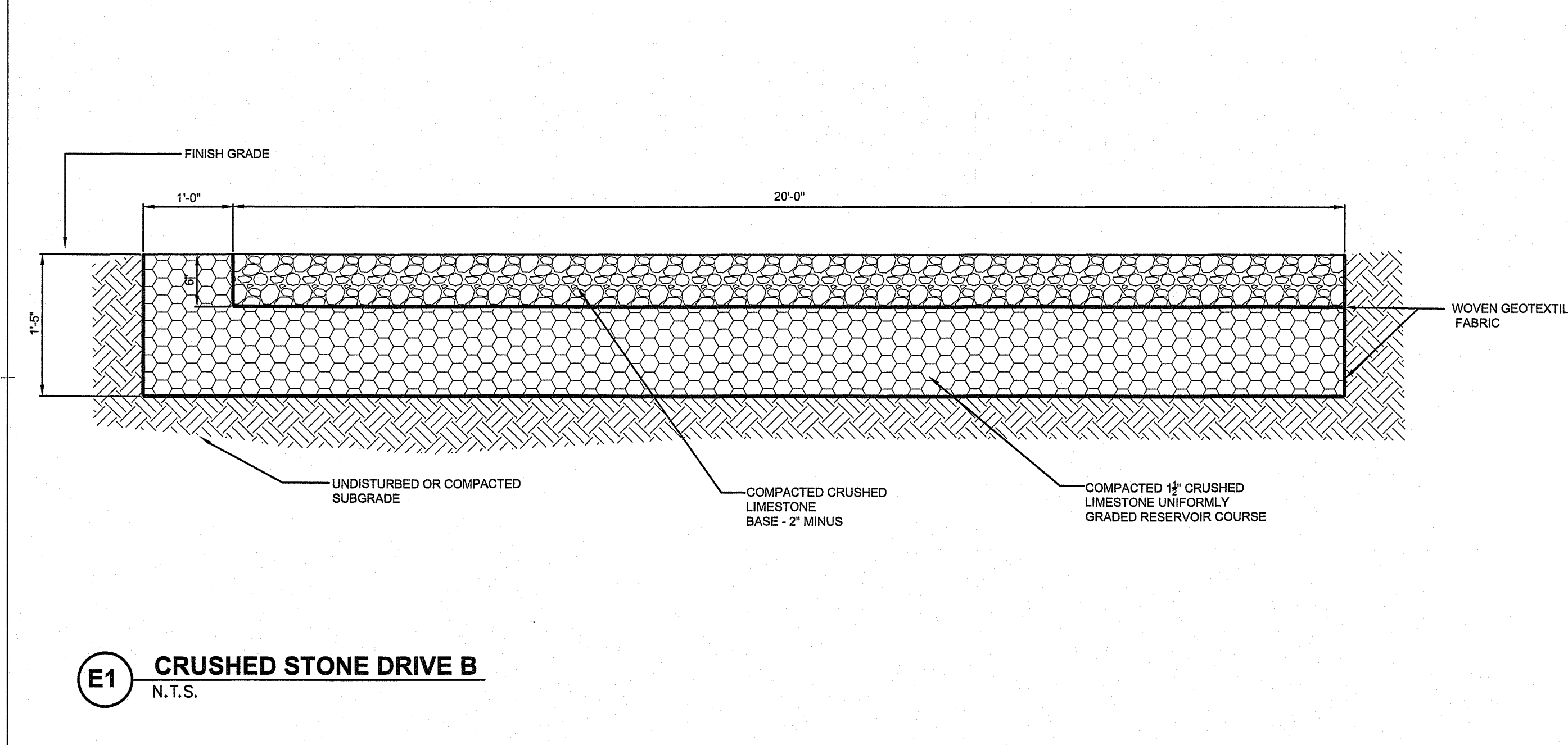
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N.T.S.



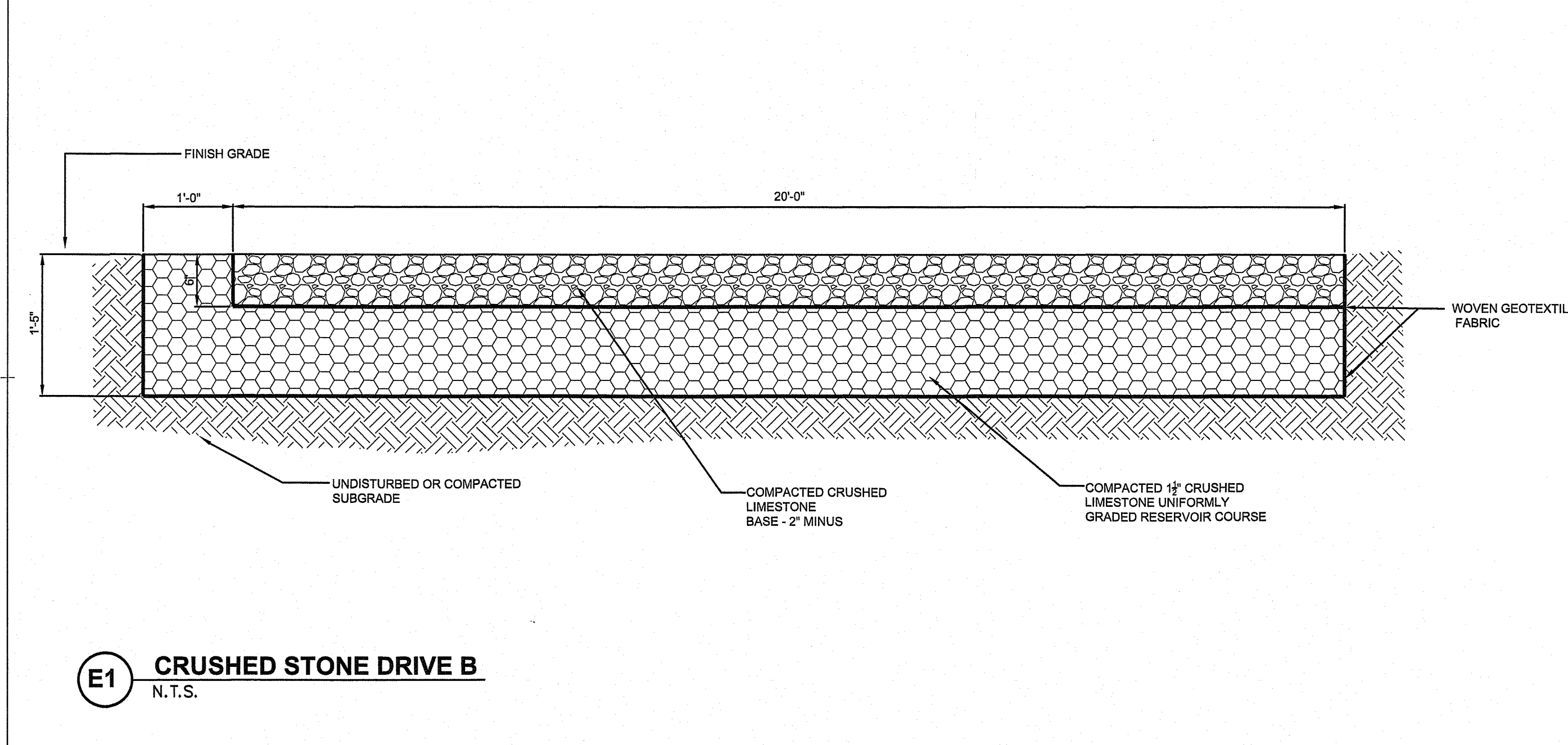
**E1 CRUSHED STONE DRIVE B**  
N.T.S.



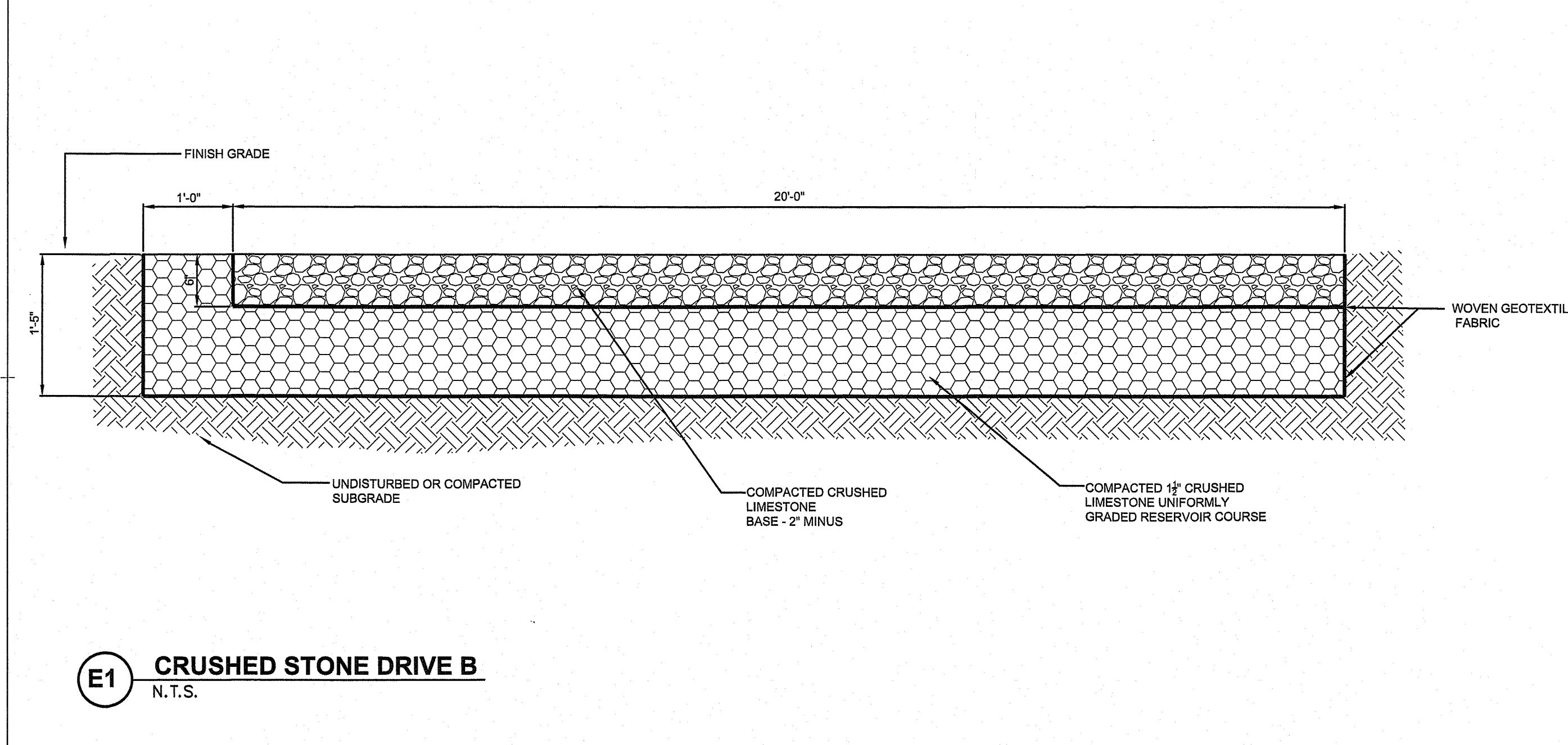
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N.T.S.



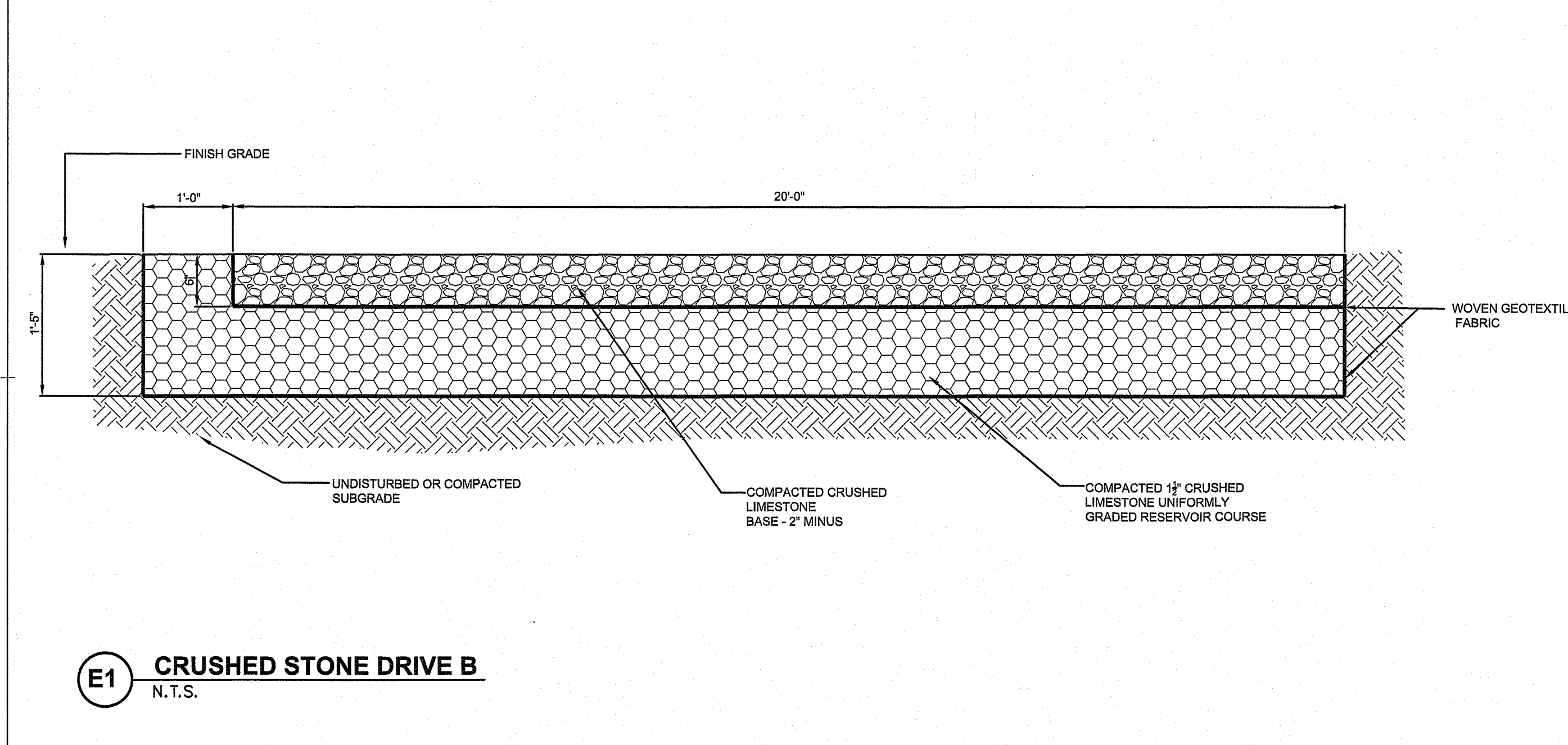
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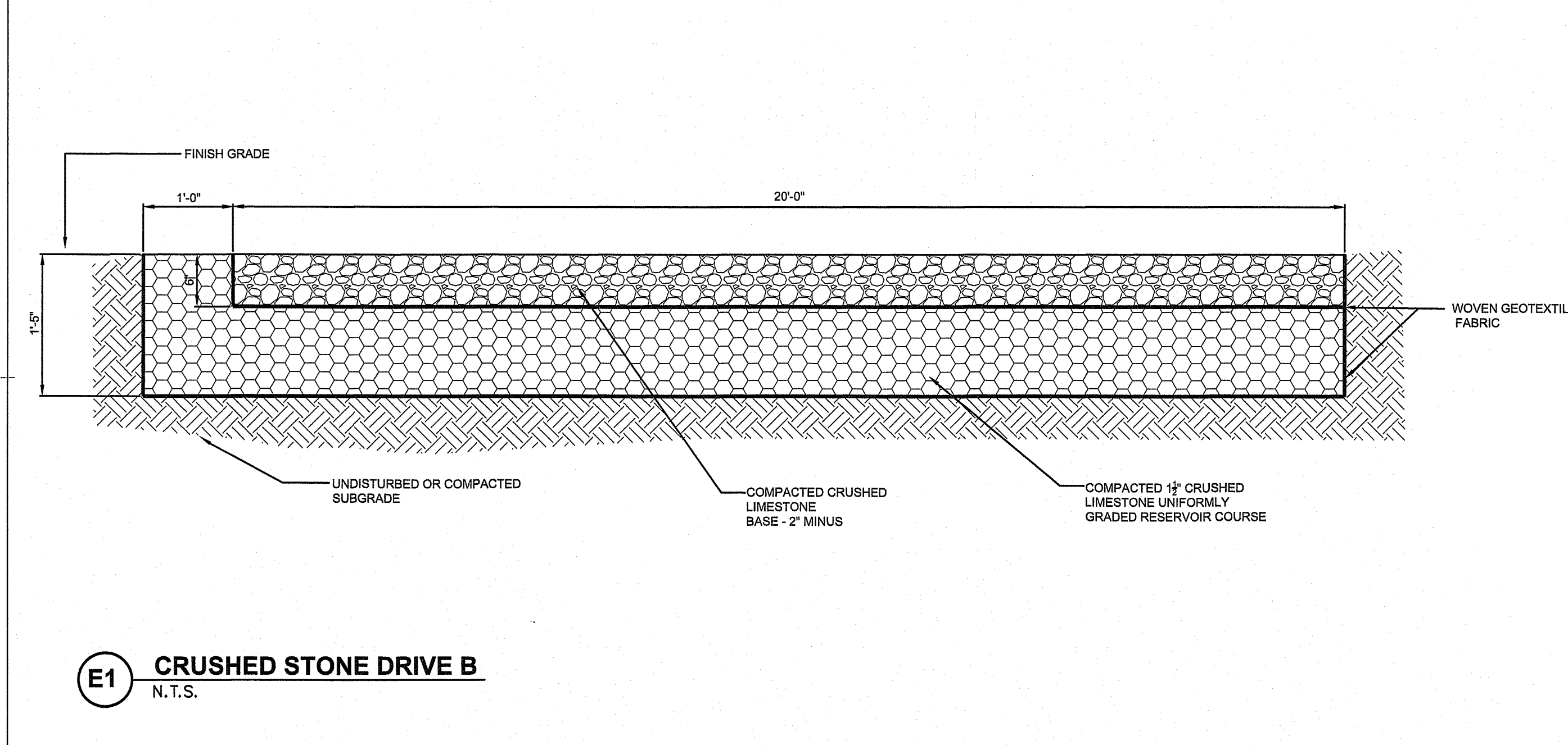
**E5 GRANITE SLOPE FACED CURB**  
N.T.S.



**E1 CRUSHED STONE DRIVE B**  
N.T.S.



**C9 PRECAST CONCRETE CURB TRANSITION TO STRAIGHT**  
N.T.S.



**C5 PRECAST CONCRETE SLOPED CURB**  
N.T.S.

