

AREA CALCULATIONS		
	EXISTING	
	AREA (S.F.)	PERCENTAGE
PAVED AREA	0	0.0%
BLDG. AREA	0	0.0%
TOTAL IMP. AREA	0	0.0%
UPLAND AREA	149,142±	41.2%
WETLAND AREA	212,739±	58.8%
GRAVEL AREA	0	0.0%
TOTAL GREEN AREA	361,881±	100.0%
TOTAL LOT AREA	361,881±	100.0%

NOTE: SITE IS UNDER CONSTRUCTION. INFO TAKEN FROM RECORD PLAN AND UPDATED FOR LATEST WETLAND FLAGS.

PERC TESTS		
PERC #	PERFORMED BY:	DATE
	WITNESSED BY:	
2&3	S.R.PHINNEY ROBERT CROWELL C.ZAHNER	2021-12-21

DEEP HOLES		
TEST PIT #	PERFORMED BY:	DATE
	WITNESSED BY:	
1-4	S.R. PHINNEY ROBERT CROWELL	2021-12-21
	C.ZAHNER	
5&6	ROBT. PHILBRICK ROBERT CROWELL	2022-01-12
	JOHN THOMAS	
24-1	DANIEL MERRIKIN	2024-12-19

TEST HOLES		
TP-1	12-21-21	85.4
0-12"	A SL	10YR3/3
12-40"	B SL	10YR6/8
40-65"	C1 SL	2.5Y6/4
65-80"	C2 SL	2.5Y5/6
WEeping @ 65" (ELEV=80.0)		
MOTTling @ 65" (ELEV=80.0)		

TP-2	12-21-21	88.9
0-12"	A SL	10YR3/3
12-32"	B SL	10YR6/8
32-120"	C1 LS	2.5Y6/4
NO MOTTling		
PERC 32-50" AT 9:36AM		
24 GAL<15MIN 2MPI		

TP-3	12-21-21	90.7
0-12"	A SL	10YR3/3
12-30"	B LS	10YR6/8
30-120"	C1 S	2.5Y6/4
W/COBBLES		

NO MOTTling
PERC 32-50" AT 9:50AM
24 GAL<15MIN 2MPI

OTH 24-1	12-19-24	80.9
0-12"	A LS	10YR4/3
12-72"	C LS	2.5Y6/3

MOTTling @ 19" (ELEV=79.4)
WEeping @ 22"

TP-4	12-21-21	91.6
0-12"	A SL	10YR3/3
12-40"	B SL	10YR6/8
40-65"	C1 LS	2.5Y6/4
65-80"	C2 LS	2.5Y5/6
NO MOTTling		

TP-5	12-1-22	85.6
0-8"	A SL	10YR3/3
12-24"	B LS	10YR6/8
24-109"	C1 S	2.5Y6/4
W/COBBLES		
STANDING @ 89"		
MOTTling @ 84" (ELEV=78.6)		

TP-6	12-1-22	87.1
0-8"	A SL	10YR3/3
8-24"	B SL	10YR6/8
24-108"	C1 FS	2.5Y6/4
108-128"	C2 M-C LS	2.5Y6/4
STANDING @ 109"		
MOTTling @ 86" (ELEV=79.9)		

N/F NORTON
DEVELOPMENT, INC.
0 SOUTH WASHINGTON STREET
ASSESSORS 24-59-01

N/F NORTON
DEVELOPMENT, INC.
12 HILL STREET
ASSESSORS 24-62-01

OWNER/APPLICANT
CHICO, LLC
184 S. WASHINGTON STREET
NORTON, MA 02766

ZONING DISTRICT
ZONE I
MARUJANA OVERLAY

ASSESSORS PARCEL
MAP 24 PARCEL 62

PLAN & DEED REFERENCE
BK 27723 PG 48
BK 27826 PG 158
BK 28679 PG 24
BK 28671 PG 331

LEGEND & ABBREVIATIONS

CB SINGLE-GRATE CATCH BASIN
CB DOUBLE-GRATE CATCH BASIN
OPTU xxx PROPRIETARY STORMWATER UNIT
ODMH DRAIN MANHOLE
TR. DR. TRENCH DRAIN
INFL. TR. INFILTRATION TRENCH
X" D DRAIN PIPELINE
RCP REINFORCED CONCRETE PIPE
PVC POLYVINYL CHLORIDE PIPE
OSMH SEWER MANHOLE
X" S SEWER PIPELINE
C/O SEWER SERVICE CLEANOUT
X" W WATER MAIN
HYD. HYDRANT
G.V. WATER GATE VALVE
C.S. WATER SERVICE CURB STOP
M.B. WATER SERVICE METER BOX
G GAS PIPELINE
E ELECTRIC CONDUIT
LP LIGHT POLE
UP UTILITY POLE
GUY GUY WIRE
S.P. TRAFFIC SIGNAL POLE
252 EXISTING CONTOUR
252 PROPOSED CONTOUR
E.O.P. EDGE OF PAVEMENT
C.C.B. INTEGRAL SLOPED BIT. BERM
V.B.B. VERTICAL BITUMINOUS BERM
S.G.C. SLOPED GRANITE CURB
V.G.C. VERTICAL GRANITE CURB
V.C.C. VERTICAL CONCRETE CURB
E.C.S. EDGE CONCRETE SLAB
G.V. GATE VALVE
C.L.F. CHAIN LINK FENCE
W.S.F. WOOD STOCKADE FENCE
P.P.F. PVC PICKET FENCE
G.R. GUARD RAIL
C.C. HANDICAP CURB CUT

EXISTING CONDITION NOTES:

- THE LOCATION OF EXISTING UTILITIES IS BASED ON AVAILABLE INFORMATION SUCH AS SURFACE FEATURES AND RECORD PLANS. THE SHOWN UTILITY LOCATIONS ARE APPROXIMATE, ARE NOT WARRANTED TO BE CORRECT, AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONTACT DIGSAFE PRIOR TO CONDUCTING ANY EXCAVATION ON THE SITE.
- OFFSITE FEATURES SUCH AS BUILDING, PAVING LIMITS, UTILITIES, ETC... ARE APPROXIMATE ONLY AND BASED ON MASSGIS AERIAL PHOTOGRAPHS.
- ELEVATIONS ARE ON THE NAVD88 DATUM.
- EXISTING CONDITIONS INFORMATION SURVEYED BY O'DRISCOLL LAND SURVEYING, INC., 46 COTTAGE STREET, MEDWAY, MA 508-533-3314
- WETLAND RESOURCE AREAS DELINEATED BY GODDARD CONSULTING, LLC

DATE APPROVED: _____
DATE ENDORSED: _____

NORTON PLANNING BOARD

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)

C-1



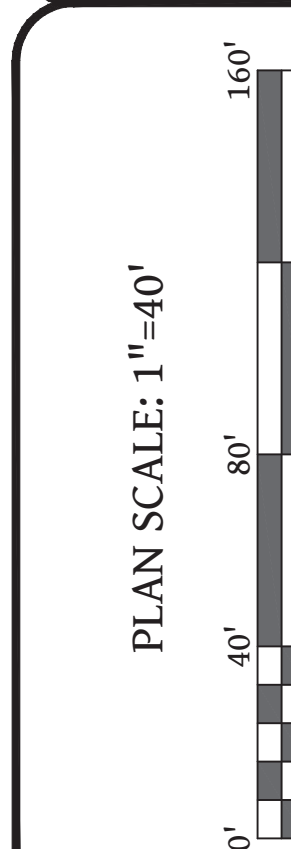
LEGACY
ENGINEERING

NORTH EAST
SHORING YARD 2
EXISTING CONDITIONS
PLAN OF LAND IN
NORTON, MA

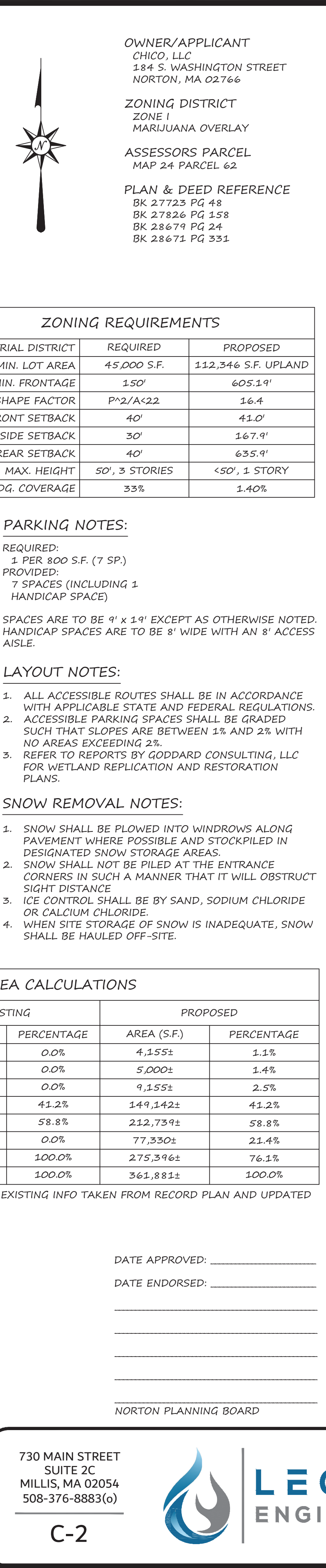
PLAN DATE: JANUARY 23, 2025

REVISION	DATE	BY
REVISIONS PER COMMENTS	2025-02-18	DM
REVISIONS PER DECISION	2025-05-07	DM
REVISIONS PER PLANNING BOARD DECISION		

PLAN SCALE: 1"=40'



Digitally signed by Daniel J. Merrikin, P.E.
Date: 2025.05.07 13:42:55 -04'00'



PARKING NOTES:

REQUIRED:
1 PER 800 S.F. (7 SP.)

PROVIDED:
7 SPACES (INCLUDING 1
HANDICAP SPACE)

SPACES ARE TO BE 9' x 19' EXCEPT AS OTHERWISE NOTED
HANDICAP SPACES ARE TO BE 8' WIDE WITH AN 8' ACCESS
AISLE.

LAYOUT NOTES:

1. ALL ACCESSIBLE ROUTES SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS.
2. ACCESSIBLE PARKING SPACES SHALL BE GRADED SUCH THAT SLOPES ARE BETWEEN 1% AND 2% WITH NO AREAS EXCEEDING 2%.
3. REFER TO REPORTS BY GODDARD CONSULTING, LLC FOR WETLAND REPLICATION AND RESTORATION PLANS.

SNOW REMOVAL NOTES:

1. SNOW SHALL BE PLOWED INTO WINDROWS ALONG PAVEMENT WHERE POSSIBLE AND STOCKPILED IN DESIGNATED SNOW STORAGE AREAS.
2. SNOW SHALL NOT BE PILED AT THE ENTRANCE CORNERS IN SUCH A MANNER THAT IT WILL OBSTRUCT SIGHT DISTANCE
3. ICE CONTROL SHALL BE BY SAND, SODIUM CHLORIDE OR CALCIUM CHLORIDE
4. WHEN SITE STORAGE OF SNOW IS INADEQUATE, SNOW SHALL BE HAULED OFF-SITE.

AREA CALCULATIONS				
	EXISTING		PROPOSED	
	AREA (S.F.)	PERCENTAGE	AREA (S.F.)	PERCENTAGE
PAVED AREA	0	0.0%	4,155±	1.1%
BLDG. AREA	0	0.0%	5,000±	1.4%
TOTAL IMP. AREA	0	0.0%	9,155±	2.5%
UPLAND AREA	149,142±	41.2%	149,142±	41.2%
WETLAND AREA	212,739±	58.8%	212,739±	58.8%
GRAVEL AREA	0	0.0%	77,330±	21.4%
TOTAL LOT AREA	361,881±	100.0%	275,396±	76.1%
TOTAL GREEN AREA	361,881±	100.0%	361,881±	100.0%

NOTE: SITE IS UNDER CONSTRUCTION. EXISTING INFO TAKEN FROM RECORD PLAN AND UPDATED FOR LATEST WETLAND FLAGS.

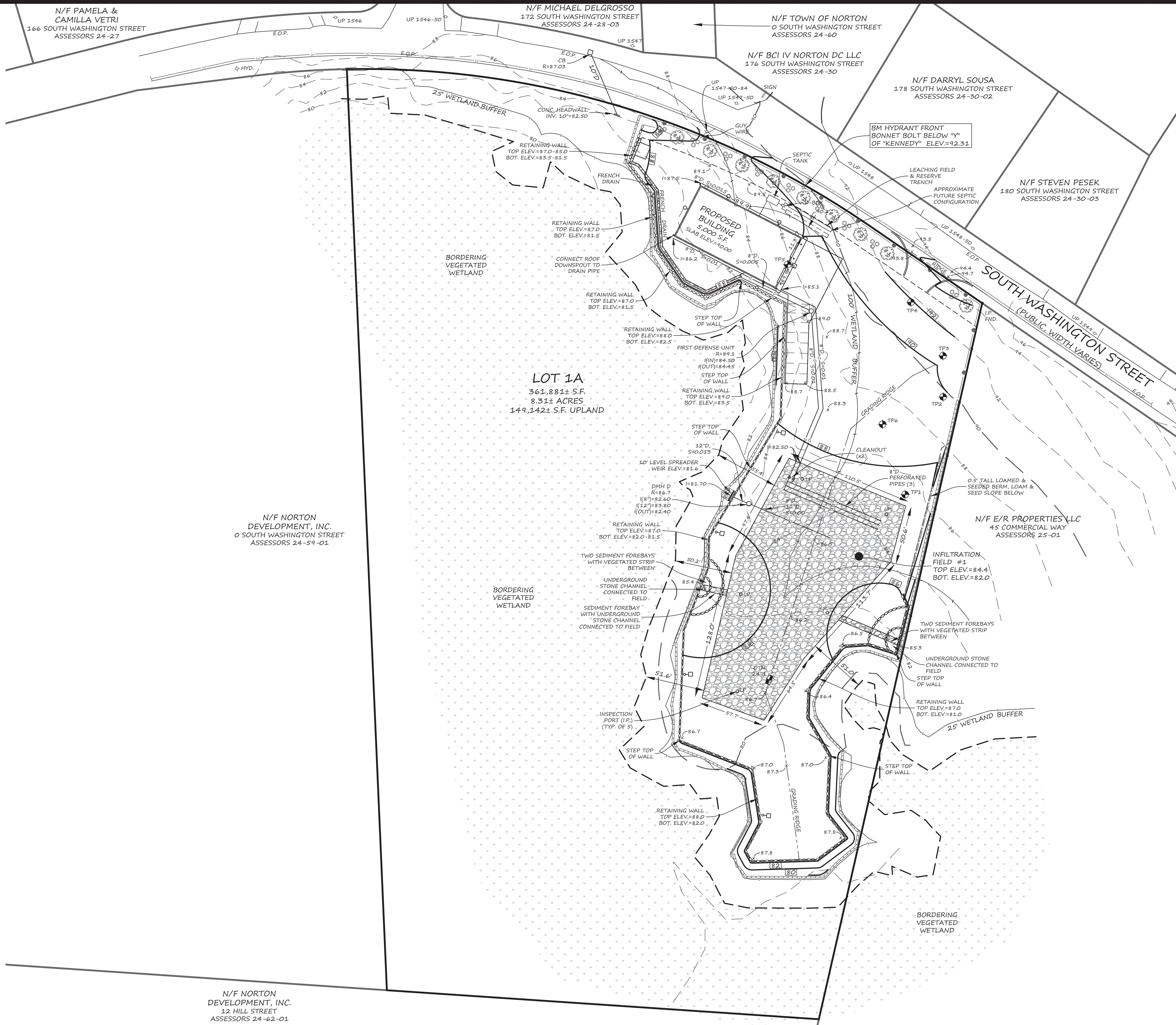
DATE APPROVED: _____

DATE ENDORSED: _____

NORTON PLANNING BOARD

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)





OWNER/APPLICANT
CHICO, LLC
184 S. WASHINGTON STREET
NORTON, MA 02766

ZONING DISTRICT
ZONE I
MARIJUANA OVERLAY

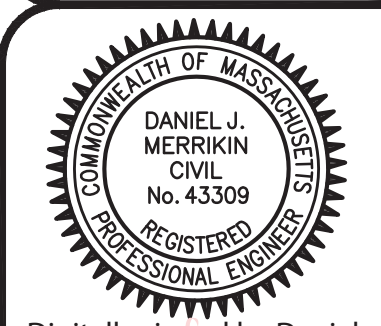
ASSESSORS PARCEL
MAP 24 PARCEL 62

PLAN & DEED REFERENCE
BK 27723 PG 48
BK 28826 PG 158
BK 28679 PG 24
BK 28671 PG 331

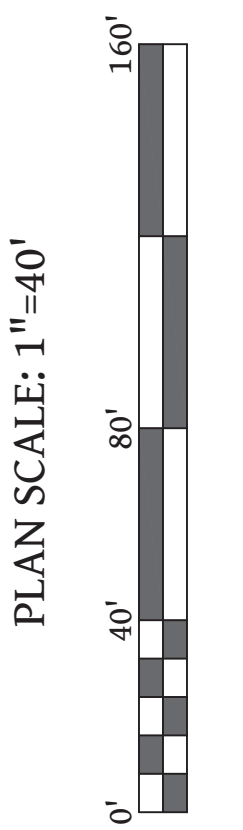


UTILITY NOTES:

1. DOMESTIC WATER SERVICE SHALL BE TYPE K COPPER IN ACCORDANCE WITH THE REQUIREMENTS OF THE SEWER AND WATER DEPARTMENT.
2. DRAINAGE PIPING SHALL BE HDPE RATED FOR H2O LOADING, (ADS N12 OR EQUAL)
3. THE ELECTRIC AND GAS COMPANY SHALL DETERMINE THE FINAL LOCATION AND DESIGN OF GAS SERVICE AND THE ELECTRIC SERVICE AND TRANSFORMER (IF NEEDED).
4. RUNOFF FROM ALL ROOF AREAS SHALL BE COLLECTED AND ROUTED TO THE STORMWATER MANAGEMENT SYSTEM.
5. ANY PORTA-JOHN'S USED ON-SITE SHALL BE PLACED OUTSIDE THE BUFFER ZONE.



Digitally signed by Daniel J. Merrikin, P.E.
Date: 2025.05.07 13:43:32 -04'00'



PLAN DATE: JANUARY 23, 2025		DATE	BY
REVISIONS PER COMMENTS	REVISION	DATE	BY
REVISIONS PER COMMENTS	REVISION	DATE	BY
REVISIONS PER PLANNING BOARD DECISION	REVISION	DATE	BY

DATE APPROVED: _____
DATE ENDORSED: _____

NORTON PLANNING BOARD

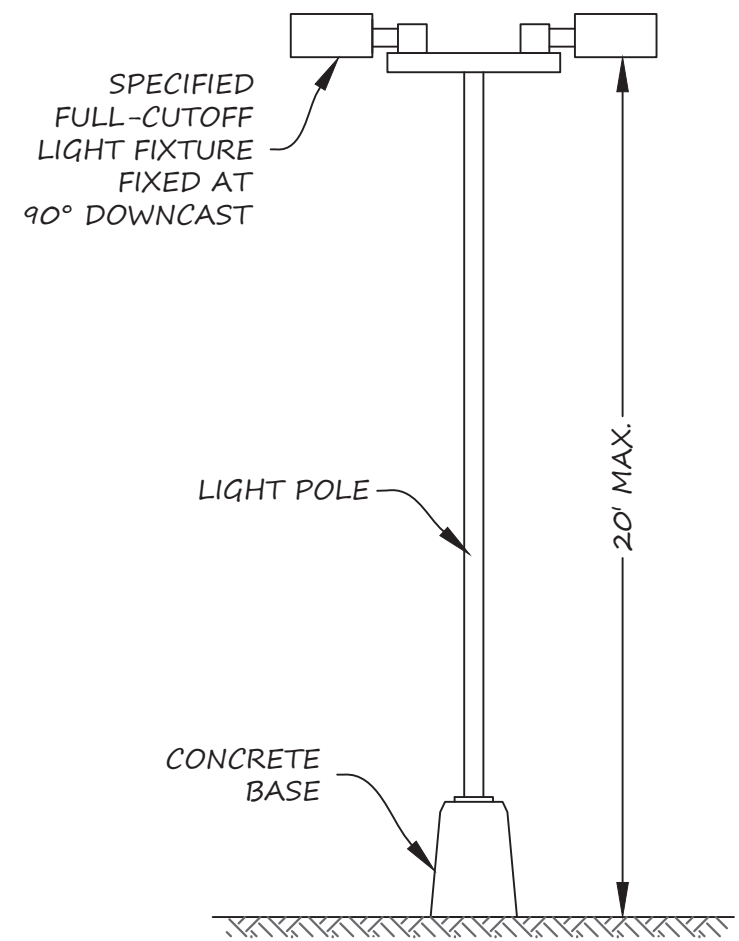
N/F NORTON
DEVELOPMENT, INC.
12 HILL STREET
ASSESSORS 24-62-01

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)

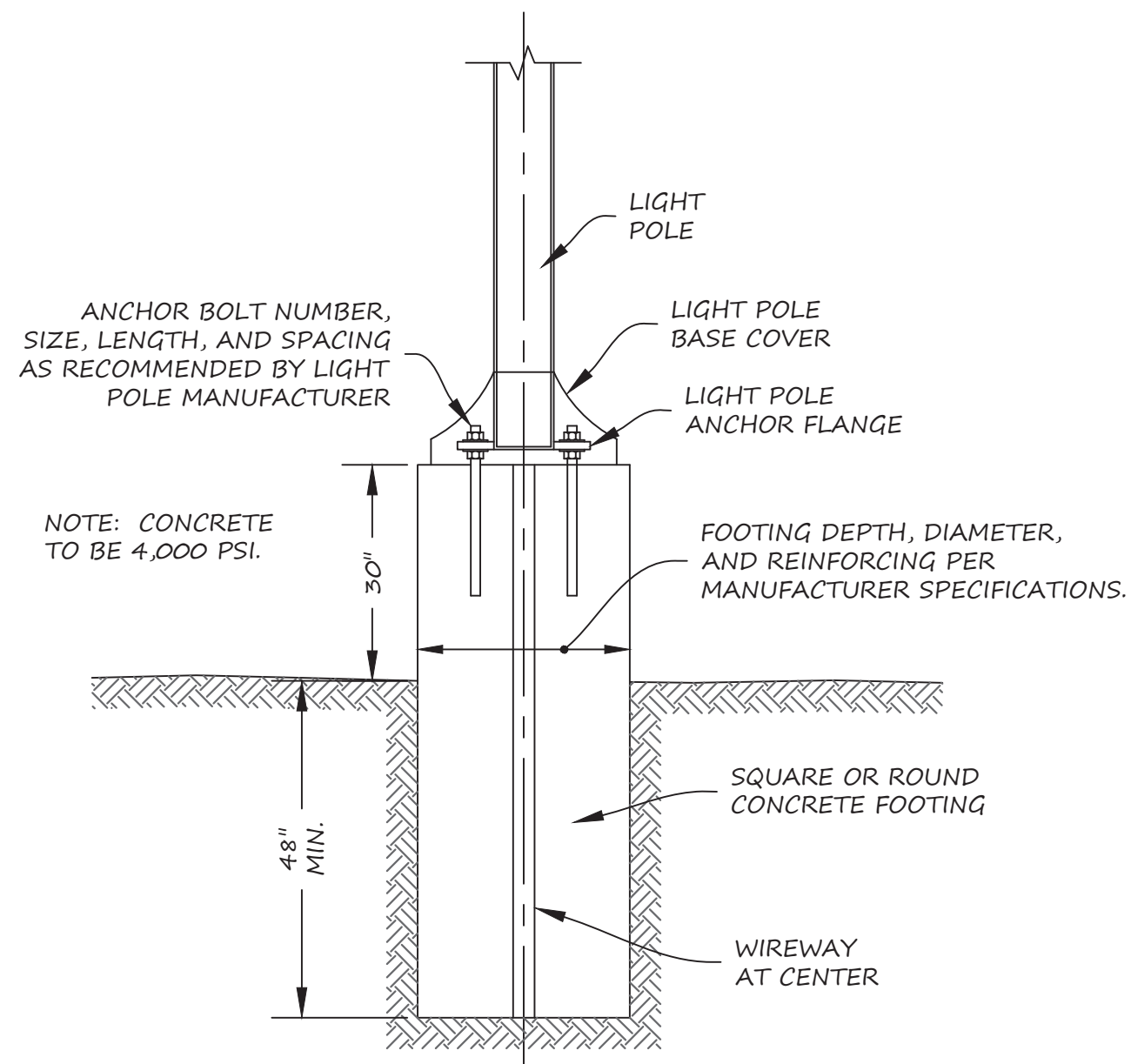
C-3



NORTH EAST
SHORING YARD 2
GRADING & UTILITIES
PLAN OF LAND IN
NORTON, MA



TYPICAL LIGHT POLE DETAIL
NOT TO SCALE



CONCRETE LIGHT POLE BASE DETAIL
NOT TO SCALE

LUMINAIRE SCHEDULE						
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MOUNTING	MODEL	QUANTITY
LP1		SIX WHITE MULTI-CHIP LEDS	FULL CUTOFF PARKING LOT LIGHT FIXTURE FACING DIRECTLY DOWNWARD	POLE @ 20' A.G.	RAB LIGHTING INC., WPLED4T125 (TYPE IV)	4
WP1		LEDS	FULL CUTOFF WALL PACK FACING DIRECTLY DOWNWARD	WALL @ 10' A.G.	RAB LIGHTING INC., SLIM57Y	3
WP2		SIX WHITE MULTI-CHIP LEDS	FULL CUTOFF WALL PACK FACING DIRECTLY DOWNWARD	WALL @ 15' A.G.	RAB LIGHTING INC., WPLED4T105 (TYPE IV)	1



OWNER/APPLICANT
CHICO, LLC
184 S. WASHINGTON STREET
NORTON, MA 02766

ZONING DISTRICT
ZONE I
MARIJUANA OVERLAY

ASSESSORS PARCEL
MAP 24 PARCEL 62

PLAN & DEED REFERENCE
BK 27723 PG 48
BK 27826 PG 158
BK 28679 PG 24
BK 28671 PG 331



Digitally signed by Daniel J. Merrikin, P.E.
Date: 2025.05.07 13:47:28 -04'00'



PLAN SCALE: 1"=40'

DATE		BY	
2025-02-18		DJM	
2025-03-31		DJM	
2025-05-07		DJM	
REVISION		REVISIONS PER COMMENTS	
2025-02-18		2025-02-18	
2025-03-31		2025-03-31	
2025-05-07		2025-05-07	

PLAN DATE: JANUARY 23, 2025

DATE APPROVED: _____
DATE ENDORSED: _____

NORTON PLANNING BOARD

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)



LEGACY
ENGINEERING

NORTH EAST
SHORING YARD 2
LIGHTING
PLAN OF LAND IN
NORTON, MA

GENERAL

- ### PHASING AND CONSTRUCTION SEQUENCE

- ## PERIMETER EROSION CONTROL AND SEDIMENT CONTROLS

- ## SITE ACCESS CONTROLS

- ## STOCKPILED SOILS

- ### DUST CONTROL

- ## DISTURBANCE OF STEEP SLOPES

- ## SOIL COMPACTION

- ### PROTECTION OF STORM DRAIN INLETS

- ### TEMPORARY STABILIZATION

- ### MAINTENANCE OF EROSION & SEDIMENT CONTROL MEASURES

- ## POLLUTION PREVENTION

- ## DEWATERING PRACTICES

- ## INSPECTIONS

- [illegible]

PLAN SCALE: 1"=40'

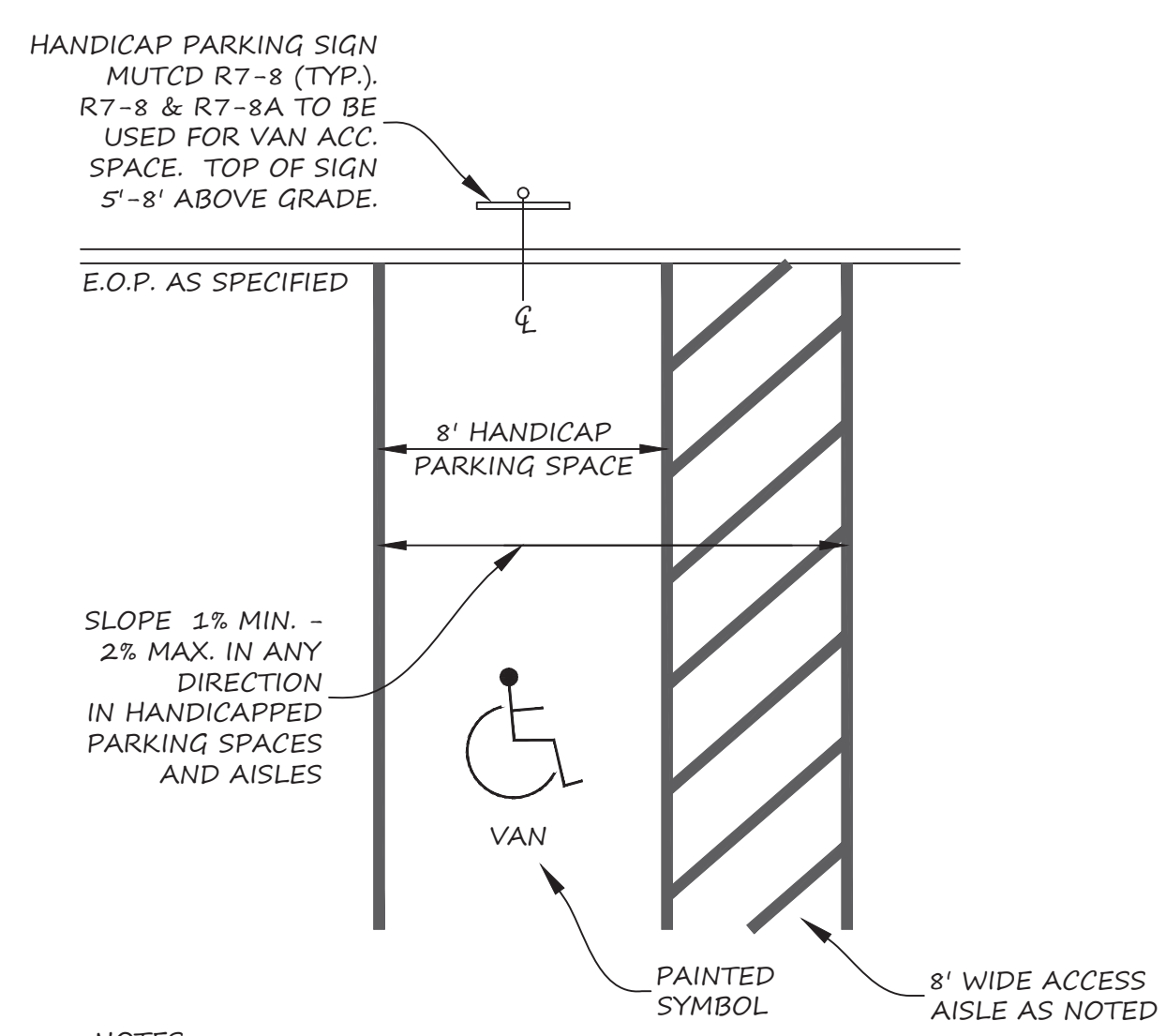
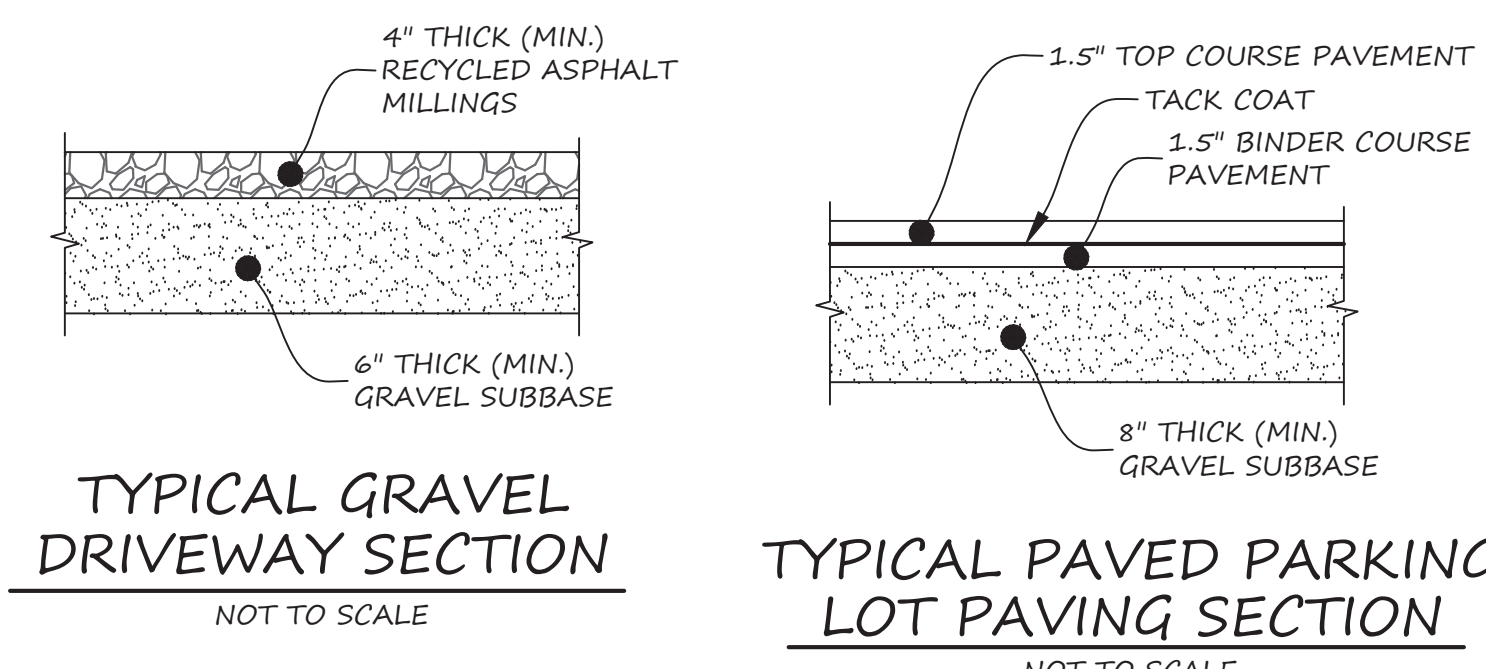
PLAN DATE: JANUARY 23, 2025		
REVISIONS PER COMMENTS	DATE	BY
REVISIONS PER COMMENTS	2025-02-18	DJM
REVISIONS PER COMMENTS	2025-05-07	DJM
REVISIONS PER PLANNING, BOARD DECISION		

NORTH EAST
SHORING YARD 2
EROSION CONTROL
PLAN OF LAND IN
NORTON, MA

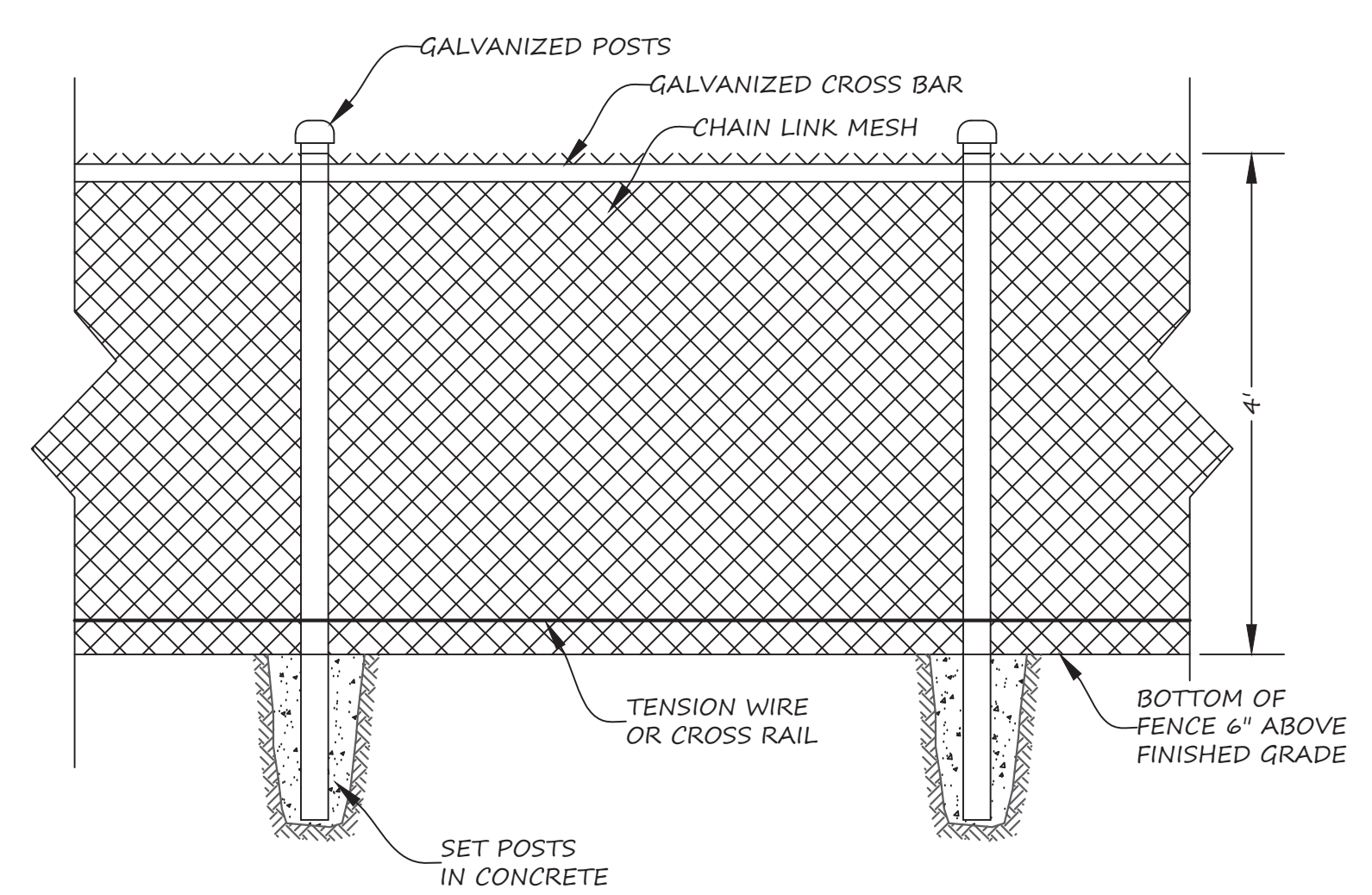
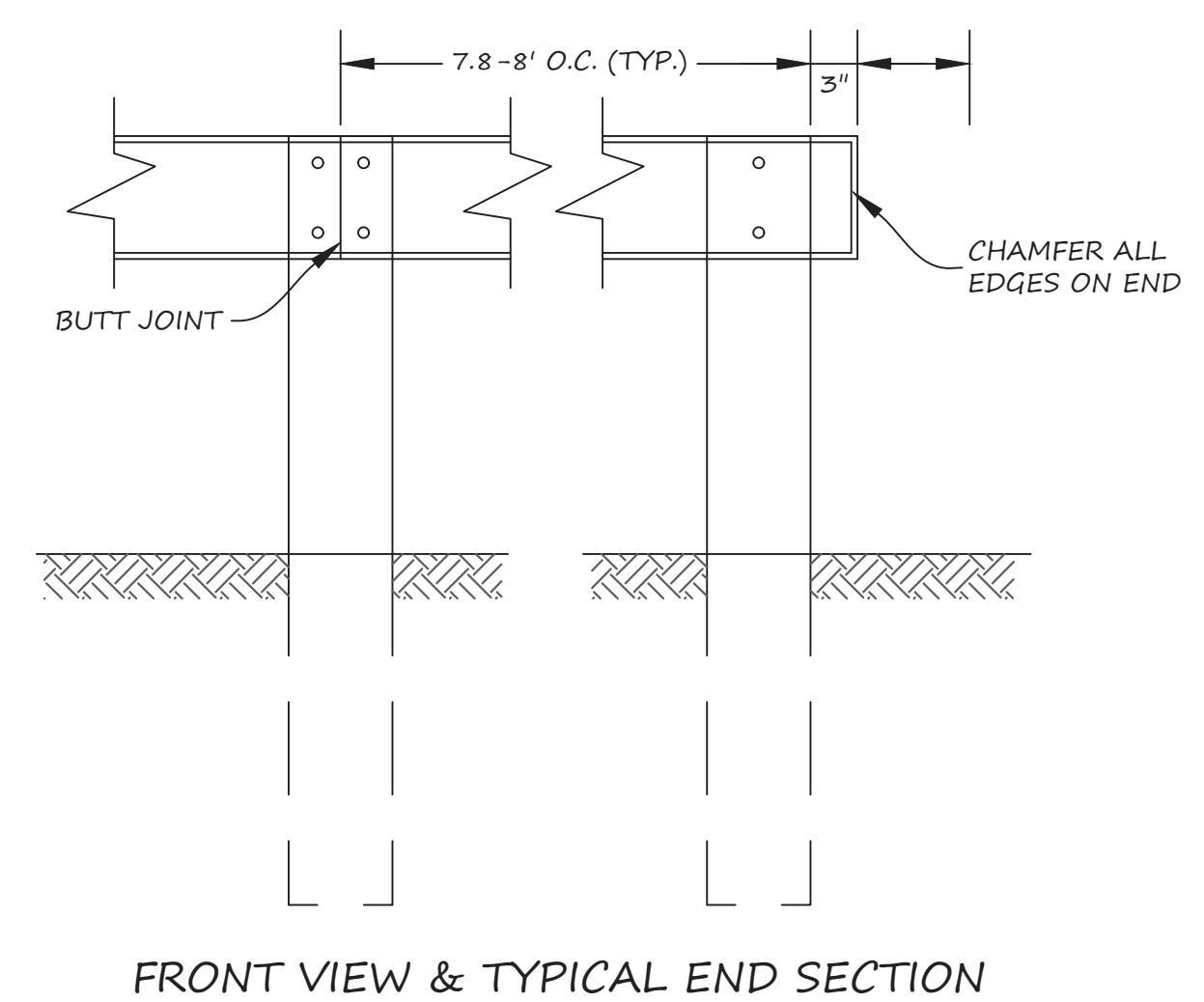
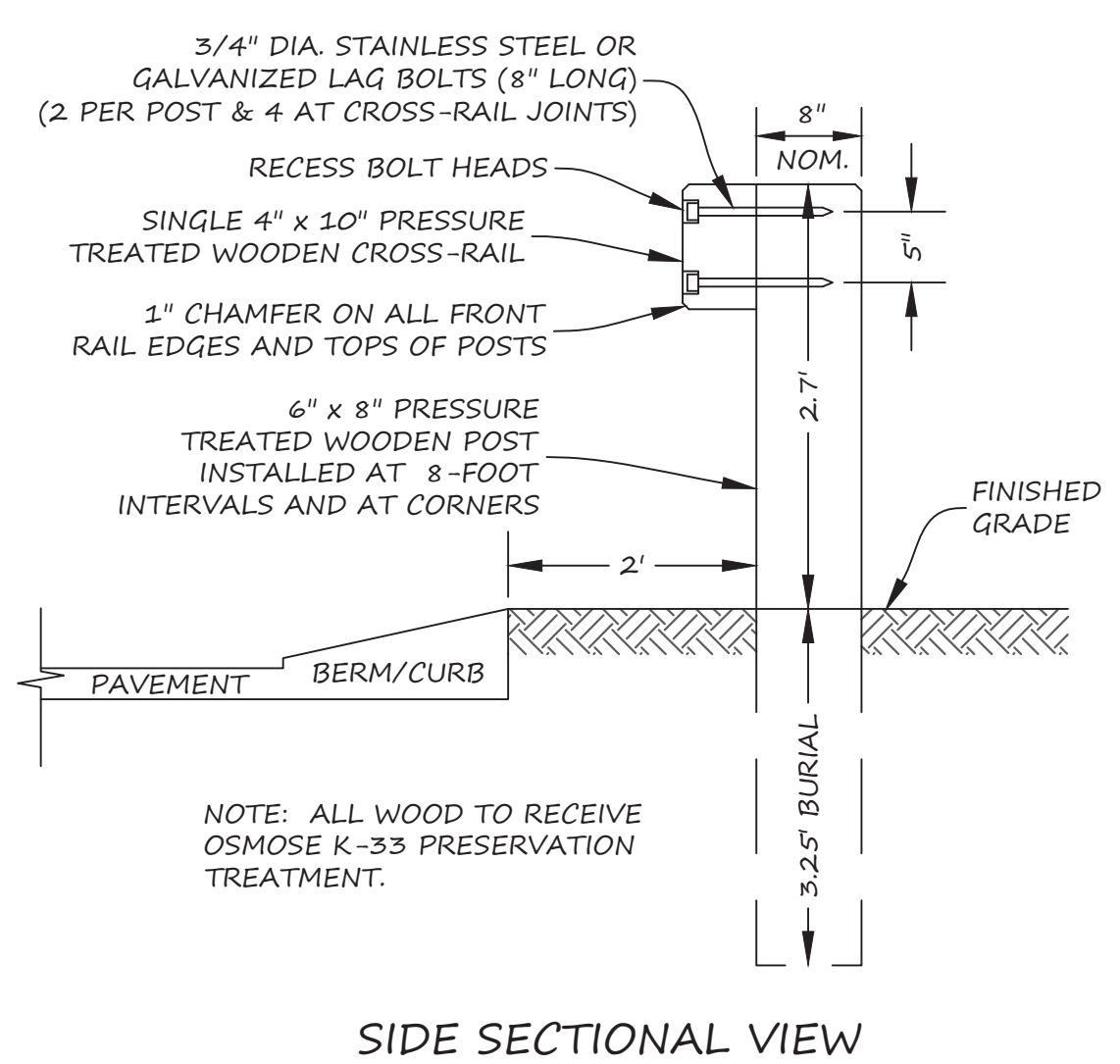
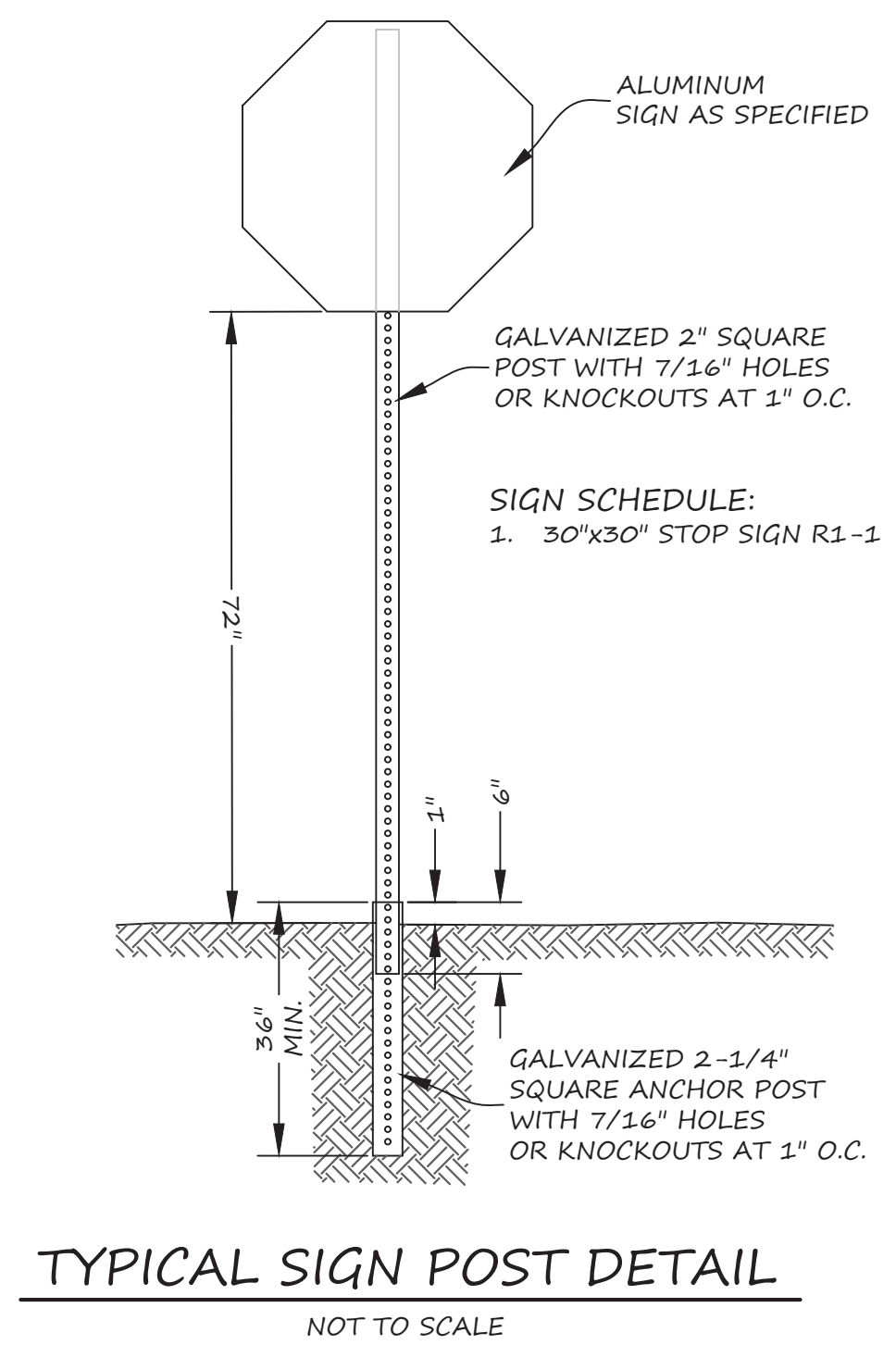
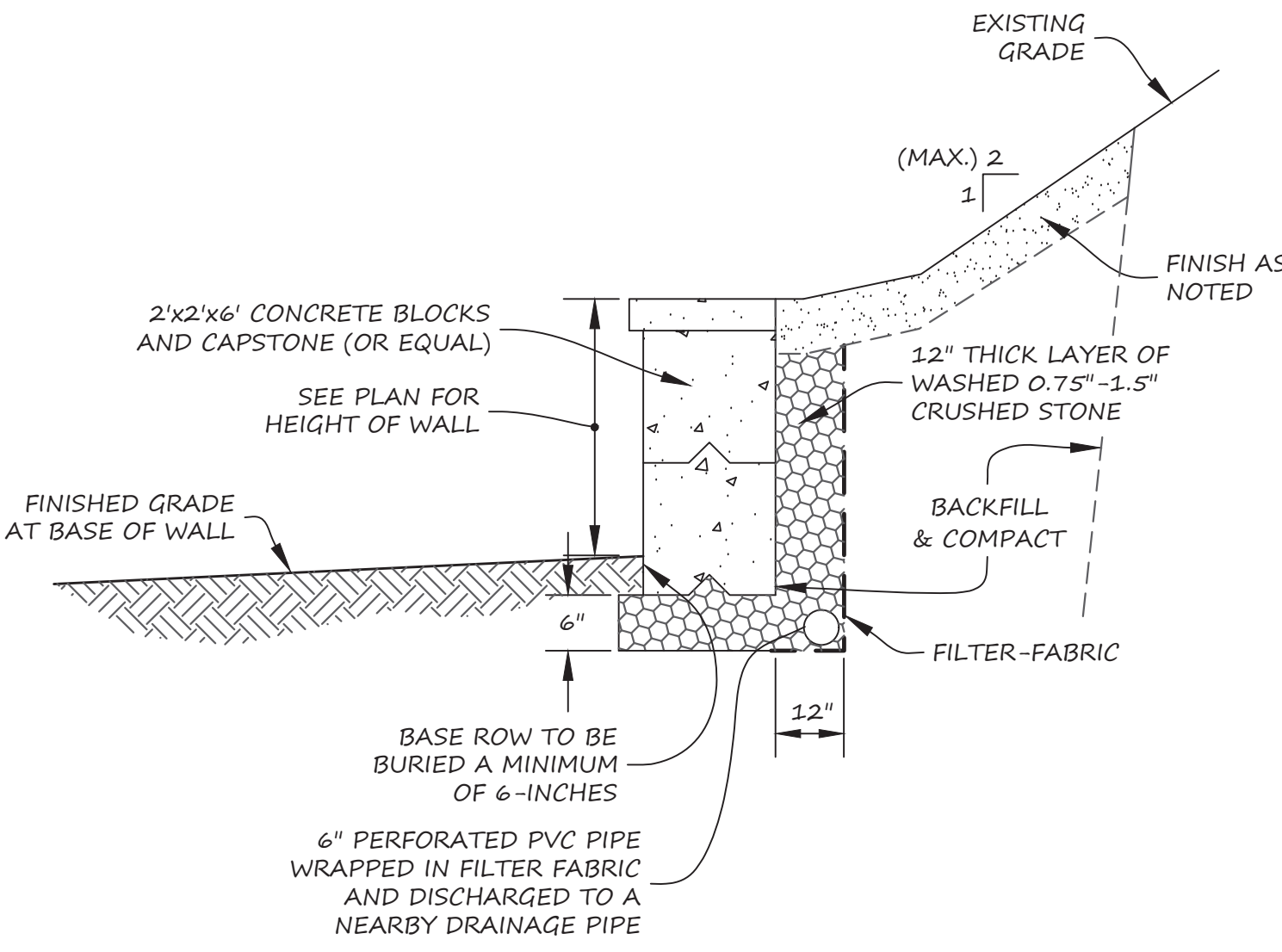
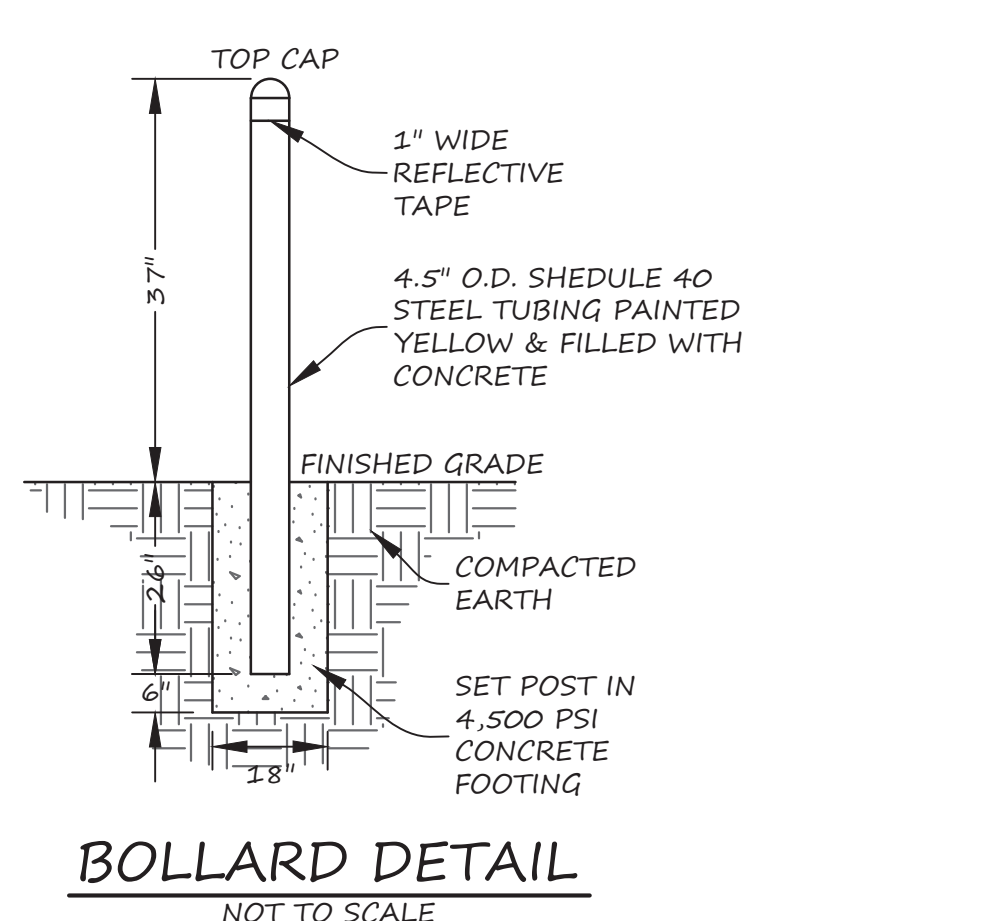
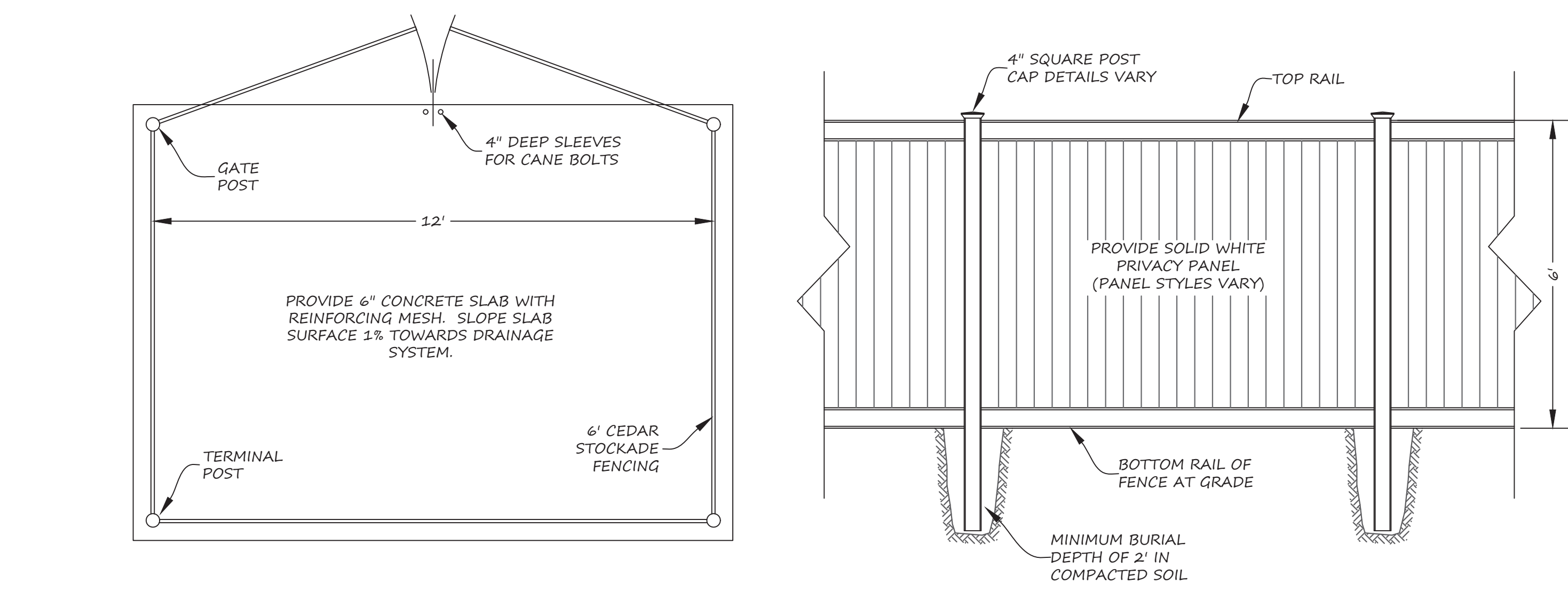
NORTON PLANNING BOARD

LEGACY
ENGINEERING

C-5



- NOTES:
1. REFER TO THE LAYOUT PLAN FOR THE LOCATION, LAYOUT, AND NUMBER OF HANDICAP PARKING SPACES IN RELATION TO ADJOINING WALKWAYS.
 2. HANDICAP PARKING SPACES AND ACCESSIBLE ROUTES (CURB CUTS, RAMPS, WALKWAYS, ETC...) SHALL BE IN ACCORDANCE WITH 521 CMR.



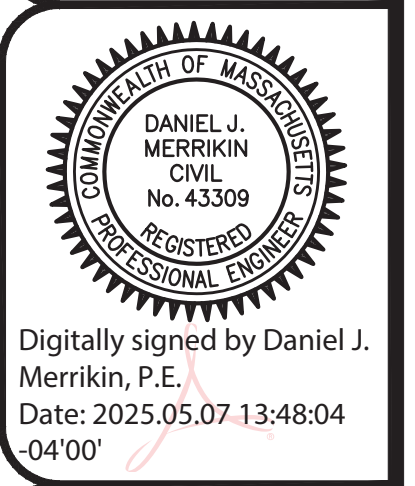
- NOTES:
1. ALL METAL COMPONENTS TO BE GALVANIZED OR VINYL COATED
 2. FENCE TO BE INSTALLED WITH FINISHED SIDE FACING ABUTTING PROPERTIES.

OWNER/APPLICANT
CHICO, LLC
184 S. WASHINGTON STREET
NORTON, MA 02766

ZONING DISTRICT
ZONE I
MARIJUANA OVERLAY

ASSESSORS PARCEL
MAP 24 PARCEL 62

PLAN & DEED REFERENCE
BK 27723 PG 48
BK 27826 PG 158
BK 28679 PG 24
BK 28671 PG 331



PLAN SCALE: NOT TO SCALE

REVISION	DATE	BY
REVISIONS PER COMMENTS	2025-02-18	DJM
REVISIONS PER COMMENTS	2025-03-31	DJM
REVISIONS PER PLANNING BOARD DECISION	2025-03-07	DJM

NORTH EAST
SHORING YARD 2
DETAIL
PLAN OF LAND IN
NORTON, MA

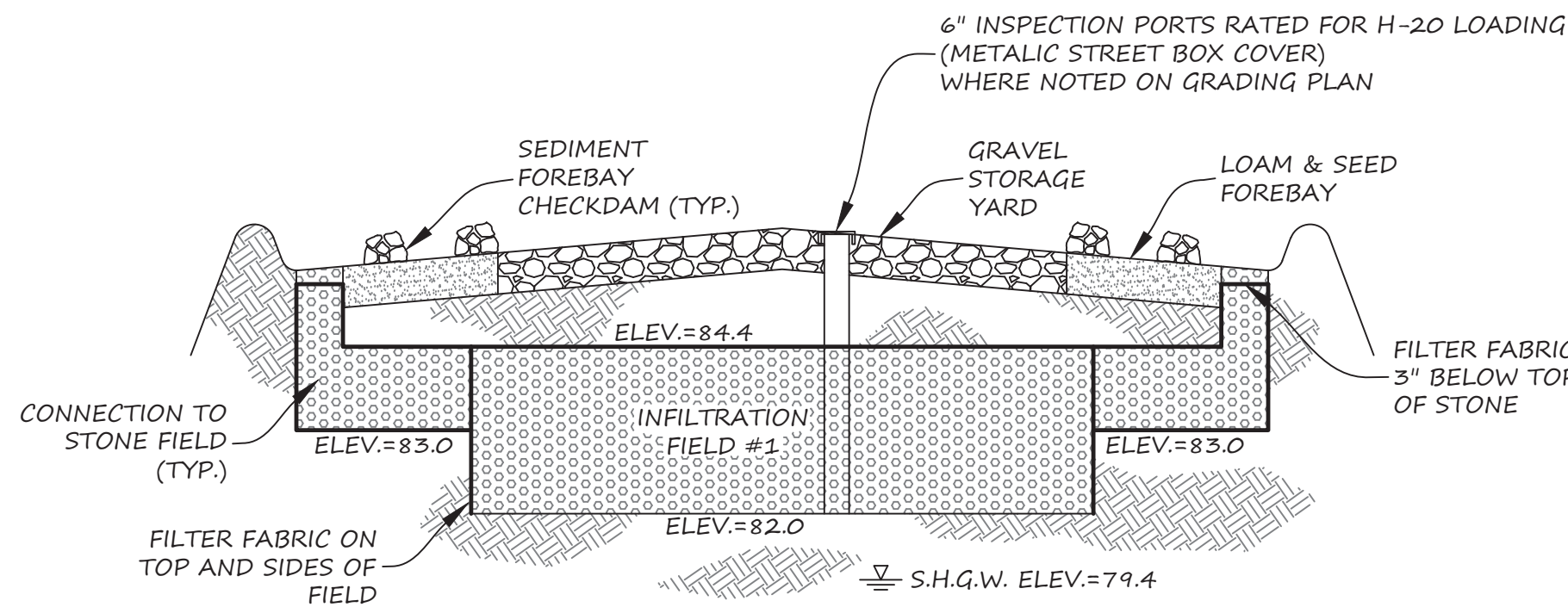
DATE APPROVED: _____
DATE ENDORSED: _____

NORTON PLANNING BOARD

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)

C-6

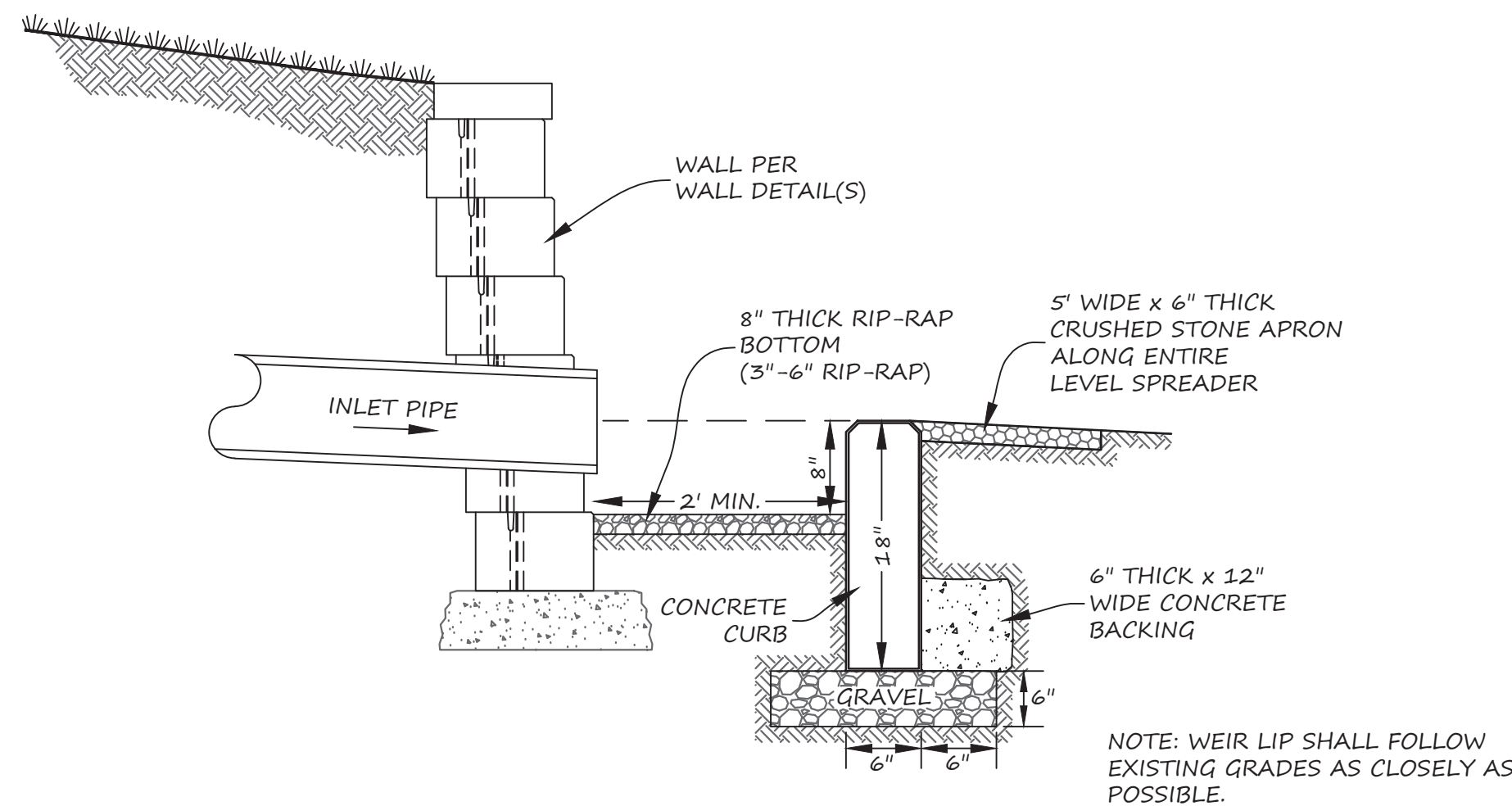




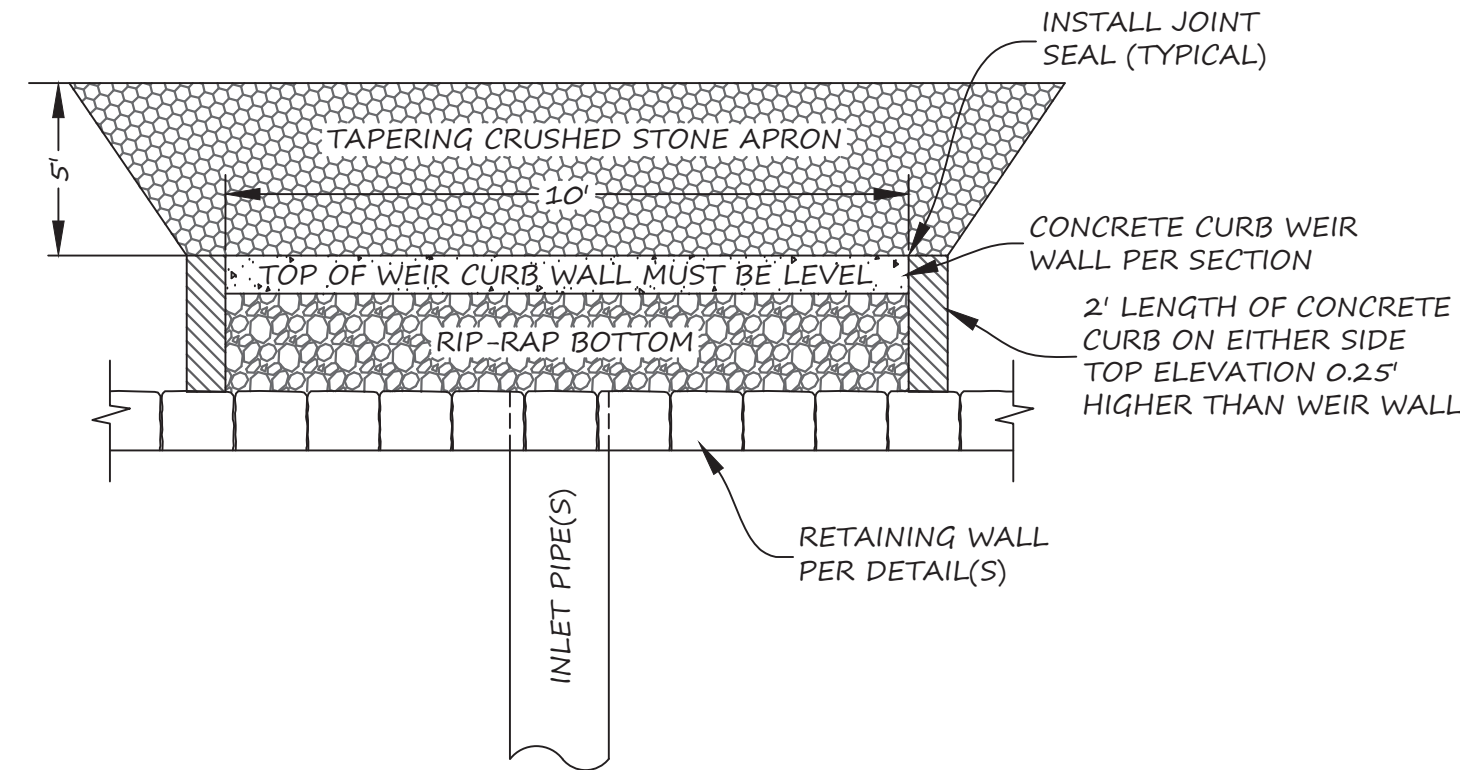
- NOTES:
1. THE INFILTRATION FIELD IS TO BE AT LEAST 21,495 S.F.
 2. CRUSHED STONE TO BE 1.5" - 2".
 3. FIELD BOTTOM IS TO BE FLAT TO ENCOURAGE INFILTRATION.
 4. ALL TOPSOIL AND SUBSOIL BELOW THE BOTTOM OF THE FIELD SHALL BE REMOVED PRIOR TO BASIN CONSTRUCTION. FILL MATERIALS UNDER THE FIELD BOTTOM SHALL BE CLEAN GRAVEL.

PROPOSED INFILTRATION FIELD

NOT TO SCALE



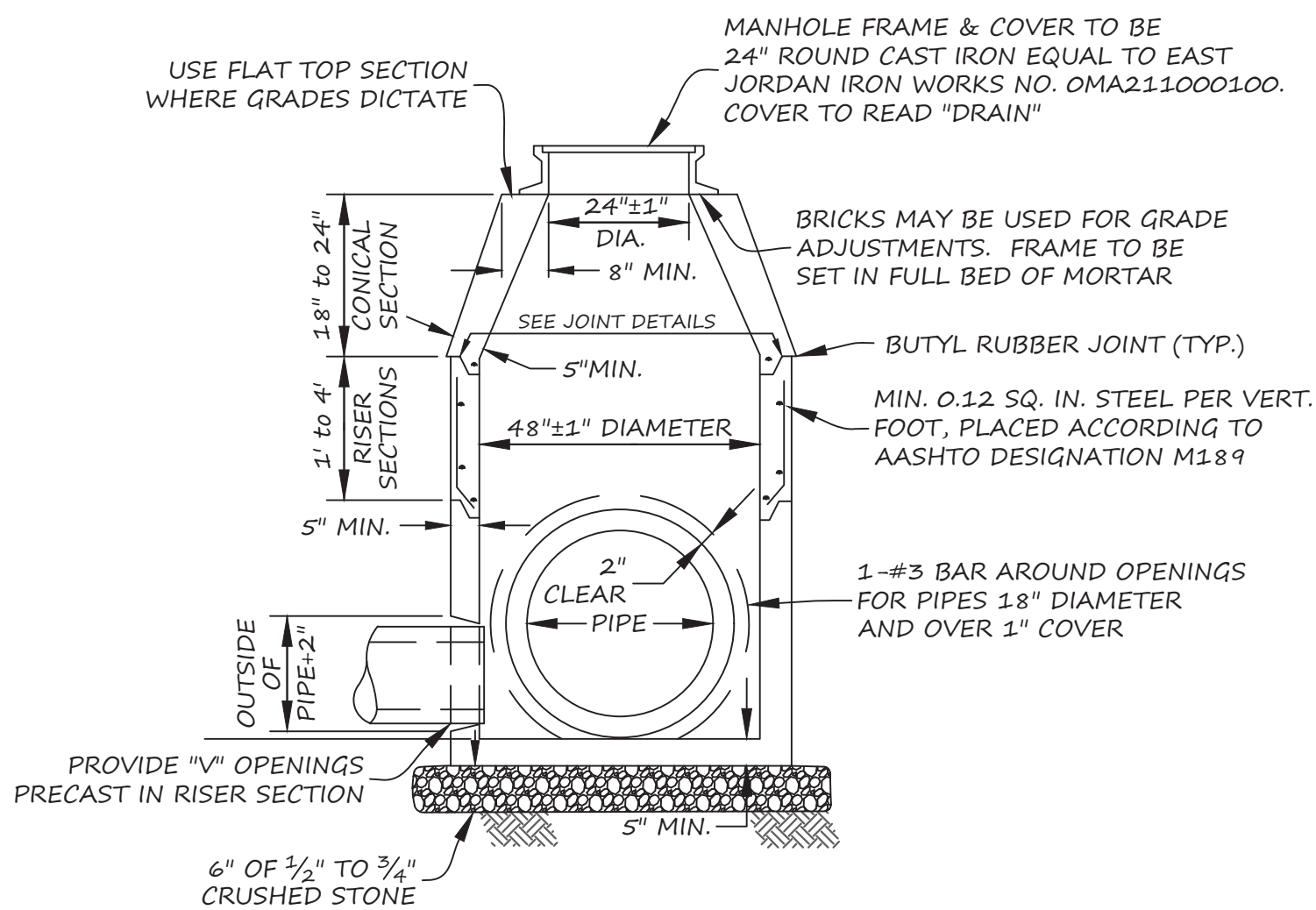
TYPICAL SECTIONAL VIEW



PLAN VIEW

LEVEL SPREADER DETAIL

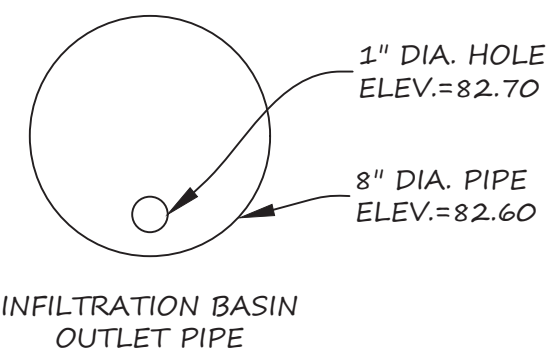
NOT TO SCALE



- NOTES:
1. DRAIN MANHOLES SHALL BE DESIGNED FOR HS20 LOADING.
 2. MANHOLE DIAMETER SHALL BE INCREASED IF NUMBER, SIZE, AND CONFIGURATION OF INLET/OUTLET PIPING NECESSITATES A LARGER MANHOLE DIAMETER.
 3. SUBSTITUTE FRAME AND COVERS SHALL BE MADE IN USA AND SHALL BE APPROVED BY THE ENGINEERING DEPARTMENT OR PLANNING BOARD PRIOR TO CONSTRUCTION.

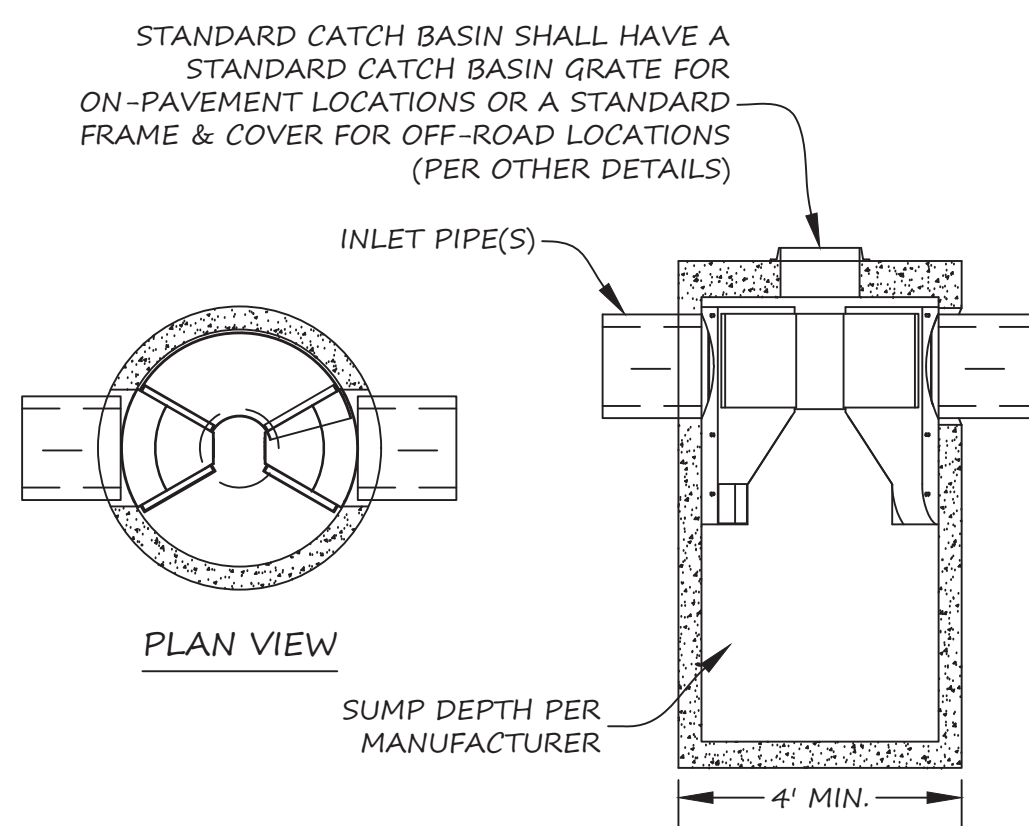
PRECAST CONCRETE DRAIN MANHOLE

NOT TO SCALE



NOTE: JOINT AND CAP ARE TO BE WATERTIGHT.

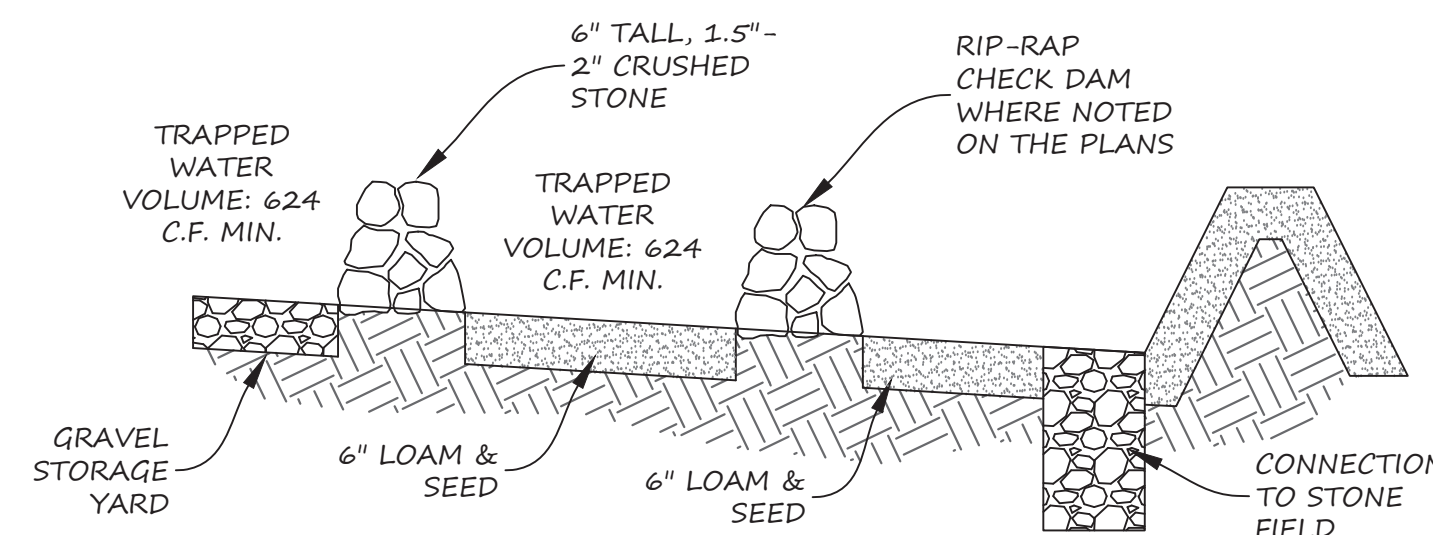
OUTLET PIPE CAP DETAILS



- NOTES:
1. FIRST DEFENSE UNITS SHALL BE DESIGNED FOR HS20 LOADING.
 2. ALL FIRST DEFENSE UNITS EQUIPPED WITH CATCH BASIN GRATES SHALL BE EQUIPPED WITH THROATSTONES.

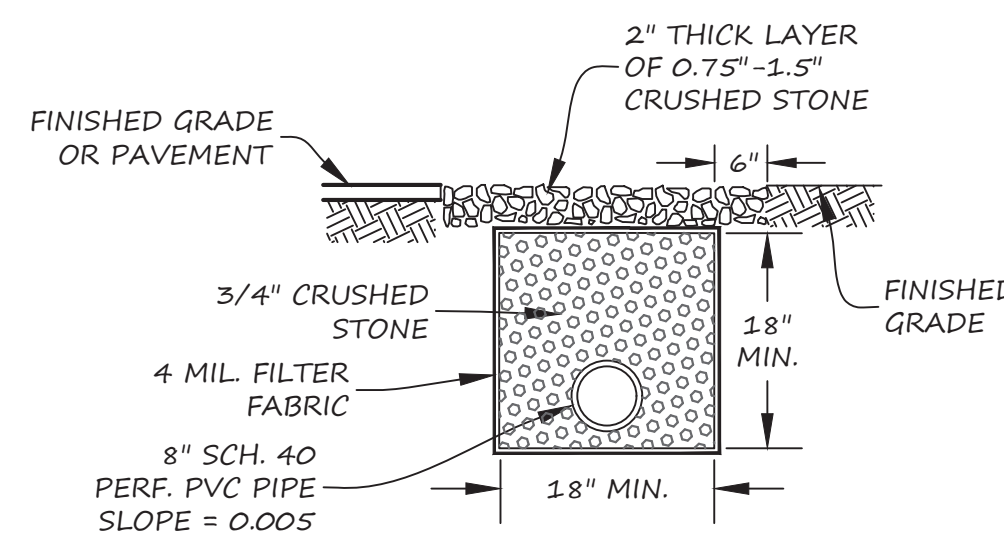
FIRST DEFENSE TREATMENT UNIT

NOT TO SCALE



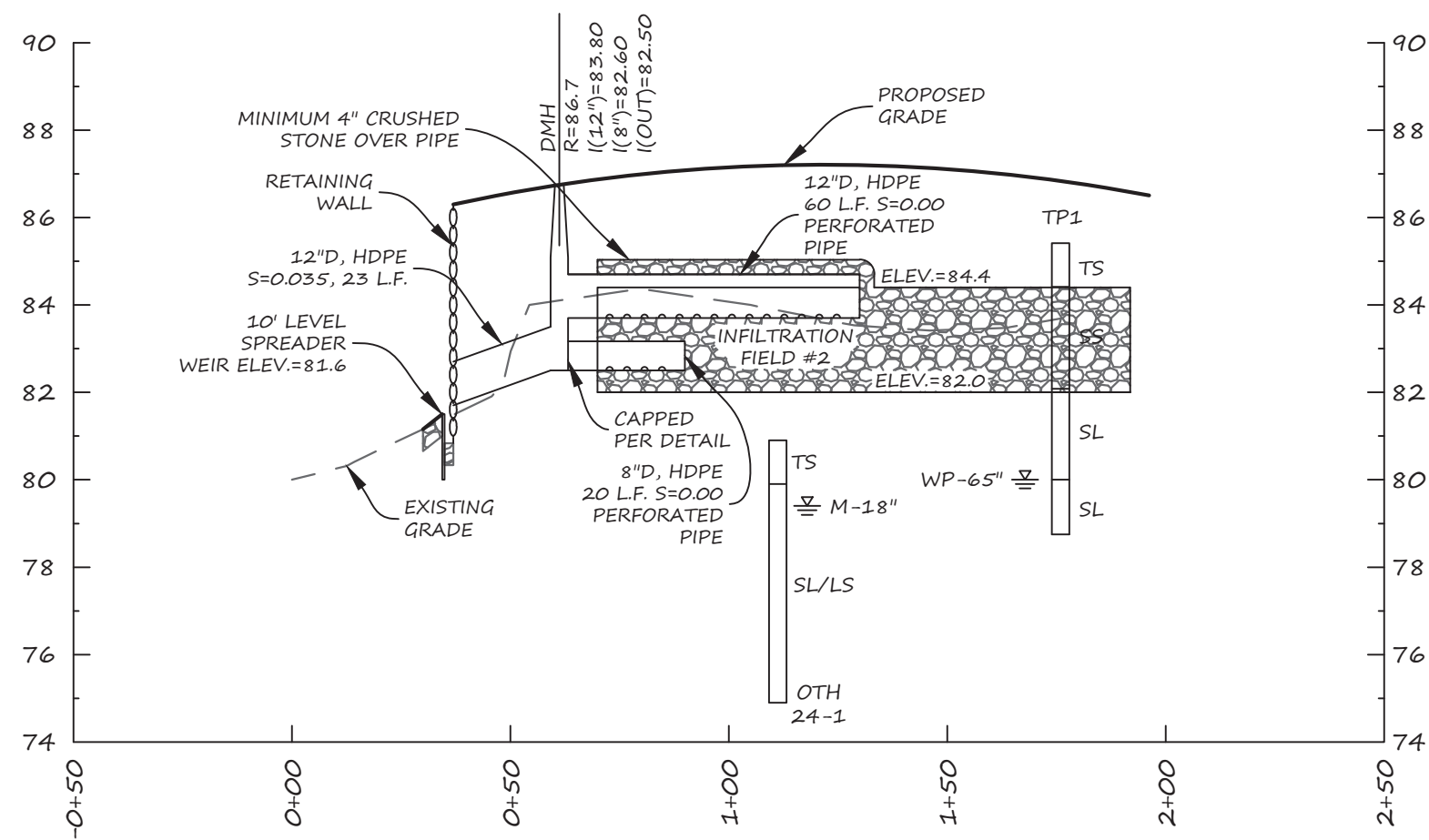
SEDIMENT FOREBAY DETAIL

NOT TO SCALE



FRENCH DRAIN

NOT TO SCALE



INFILTRATION FIELD #1 PROFILE

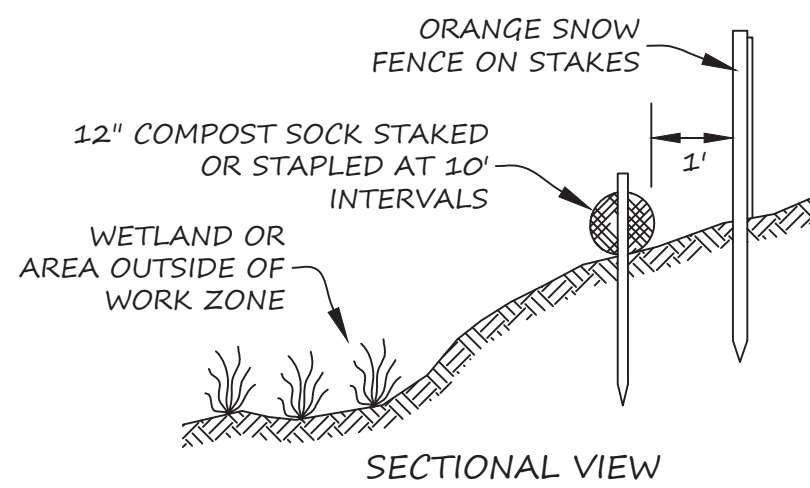
SCALE: 1"=40' HORIZONTAL
1"=4' VERTICAL

PROFILE LEGEND

ABBREV.

DESCRIPTION

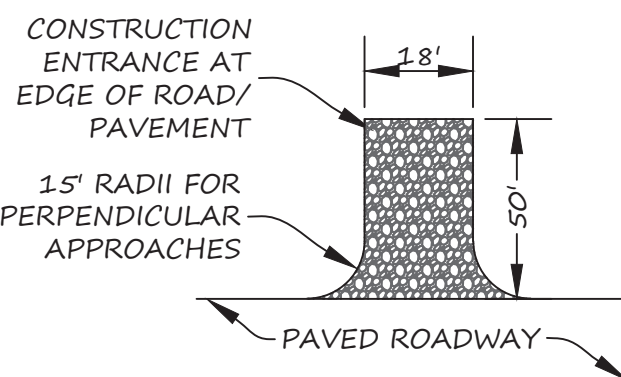
M-XX" REDOX (MOTTLES) AT XX-INCHES
WT-XX" STANDING WATER AT XX-INCHES
WP-XX" WEEPING WATER AT XX-INCHES
NW-XX" NO GROUNDWATER INDICATORS
R-XX" REFUSAL AT XX-INCHES
TS TOPSOIL
SS SUBSOIL
S SAND
LS LOAMY SAND
SL SANDY LOAM
MS MEDIUM SAND



NOTE: NON-BIODEGRADABLE SOCK SHELL FILLED WITH COMPOST MEDIA. JOINTS SHALL BE OVERLAPPED BY AT LEAST TWO FEET. ORANGE SNOW FENCE IS ONLY NEEDED IF THERE IS EVIDENCE OF THE COMPOST SOCK BEING BURIED BY CONSTRUCTION ACTIVITIES.

EROSION CONTROL DETAIL (COMPOST SOCK)

NOT TO SCALE

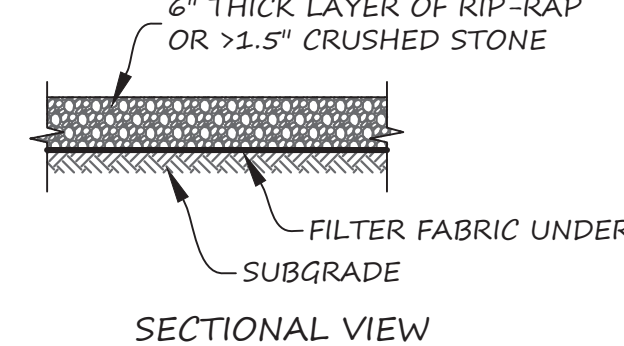


PLAN VIEW

- NOTES:
1. ENTRANCE SHALL BE INSTALLED BEFORE ANY EXCAVATION WORK OCCURS ON-SITE.
 2. ENTRANCE SHALL BE MAINTAINED IN GOOD CONTITION UNTIL A PAVED DRIVEWAY IS INSTALLED. REPLACE ENTRANCE IF FILLED WITH SOILS OR IF SOILS ARE BEING TRACKED ONTO ADJACENT ROADWAYS.

CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



SECTIONAL VIEW

OWNER/APPLICANT
CHICO, LLC
184 S. WASHINGTON STREET
NORTON, MA 02766

ZONING DISTRICT
ZONE 1
MARIJUANA OVERLAY

ASSESSORS PARCEL
MAP 24 PARCEL 62

PLAN & DEED REFERENCE
BK 27723 PG 48
BK 27826 PG 158
BK 28679 PG 24
BK 28671 PG 331



Digitally signed by Daniel J. Merrikin, P.E.
Date: 2025.05.07 13:48:21 -04'00'

PLAN SCALE: NOT TO SCALE

REVISION	DATE	BY
REVISIONS PER COMMENTS	2025-02-18	DJM
REVISIONS PER COMMENTS	2025-03-31	DJM
REVISIONS PER PLANNING BOARD DECISION	2025-05-07	DJM

NORTH EAST
SHORING YARD 2
DETAIL
PLAN OF LAND IN
NORTON, MA

DATE APPROVED: _____
DATE ENDORSED: _____

NORTON PLANNING BOARD

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)



LEGACY
ENGINEERING

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