

SITE PLAN PANTHER WAY

PL 564 OF 1992

HIGHWOOD DRIVE

LOCUS

PANTHER WAY

EDWARDS STREET

WEST CENTRAL STREET

WAIVER REQUESTS:

1. TO ALLOW LESS THAN 42" OF COVER OVER THE RCP DRAIN PIPE. PROPOSED CLASS V RCP.
2. TO ALLOW THE USE OF HPDE PIPE FOR DRAINAGE POND AND THE ROOF DRAIN COLLECTION SYSTEMS.
3. TO NOT REQUIRE THE CONSTRUCTION OF A SIDEWALK ALONG THE ENTIRE PANTHER WAY FRONTAGE.
4. WAIVER TO ALLOW UNITS 15, 16, AND THE MIXED USE BUILDING TO HAVE A SETBACK OF LESS THAN 50 FEET.
5. WAIVER TO ALLOW THE CURBING TO BE VERTICAL CONCRETE.
6. WAIVER TO REQUIRE ONLY ONE SIDEWALK.
7. WAIVER TO ALLOW THE WETLAND PERCENTAGE IN THE OPEN SPACE TO EXCEED THE WETLAND PERCENTAGE OF THE LOT (LOT 2)
8. WAIVER TO ALLOW A MANAGEMENT PLAN TO BE SUBMITTED FOR APPROVAL AS A CONDITION OF APPROVAL OF THE PROJECT.
9. WAIVER TO NOT REQUIRE STREET TREE PLANTING ALONG PANTHER WAY.
10. WAIVER TO NOT REQUIRE STREET TREE PLANTING AT 20 FOOT INTERVALS.
11. WAIVER TO ALLOW LIGHT SPILLAGE OVER THE PANTHER WAY PROPERTY LINE.

LOCUS MAP
SCALE: 1" = 100'

THE PROPERTY IS LOCATED WITHIN A COMMERCIAL II ZONE		EXISTING	PROPOSED
COMMERCIAL II AREA:	40,000 S.F.	800,948 ± S.F.	654,484 ± S.F.
FRONTAGE:	175'	722.56'	386.39'
DEPTH:	200'	1,150'±	1,150'±
HEIGHT:	3 STORIES — 40'	N/A	2 STORIES
WIDTH:	157.5'	714'±	356'±
COVERAGE —			
STRUCTURES:	70%	0%	13.2%
STRUC. & PAVING:	80%	0%	26.7%
SETBACKS—			
FRONT:	40'	0	200'
SIDE:	30'	0	30.5'
REAR:	30'	0	61'

NO BUILDINGS EXIST ON PROPOSED LOT 2.

SENIOR HOUSING AREA CRITERIA - SECTION 185-48.F(1)(c)
5 ACRES MINIMUM LOT SIZE - 654,484 SQ. FT. OR 15.02 ACRES PROPOSED (LOT 2)
REQUIRED OPEN SPACE 30% OF LOT AREA - 196,345 SQ. FT. OR 4.51 ACRES
OPEN SPACE PROPOSED (LOT 2) - 220,468 SQ. FT. OR 5.06 ACRES
WETLAND AREA WITHIN OPEN SPACE - 22,983.3 SQ. FT. OR 3.5% OF ORIGINAL AREA (LOT 2)
THE WETLAND AREA IS PROPOSED TO BE WITHIN THE OPEN SPACE - WAGNER REQUESTED
TO ALLOW A GREATER PERCENTAGE OF WETLAND WITHIN THE OPEN SPACE THAN WITHIN
THE ORIGINAL LOT. THE OPEN SPACE CONTAINS UPLAND THAT IS 30.2 PERCENT OF THE
ORIGINAL PARCEL (LOT 2)

COVER SHEET - 1
EXISTING CONDITIONS PLANS 2 & 3
SITE LAYOUT PLANS 4 & 5
SITE GRADING AND UTILITY PLANS 6 & 7
DRIVWAY AND SEWER PLAN AND PROFILES 8 - 10
SITE PLANTING PLAN 11
EROSION CONTROL PLANS 12 & 13
CONSTRUCTION DETAILS 14 - 17

DEED BOOK 37290 PAGE 474
DEED BOOK 37152 PAGE 343
DEED BOOK 5602 PAGE 614
DEED BOOK 5804 PAGE 316
DEED BOOK 5844 PAGE 87
DEED BOOK 5924 PAGE 180
DEED BOOK 9471 PAGE 641
DEED BOOK 10499 PAGE 680
DEED BOOK 11341 PAGE 545
PLAN 565 OF 1970
PLAN 386 OF 1979
PLAN 92 OF 1979
PLAN 564 OF 1992
PLANS 261 A - C OF 1994
PLAN 921 OF 1980
COUNTY ENGINEERS PLAN FOR EDWARD STREET
LAST REVISED AUG. 28, 2000
SITE PLAN FOR "THREE" RESTAURANT LAST REVISED 10-17-06
PLAN OF LAND BY PAUL ROBINSON DATED NOVEMBER 14, 1978
PLAN OF KNIGHTS OF COLUMBUS LAST REVISED 3-8-2000
PLAN 1062 OF 1972
PLAN 901 OF 1974

MAP 270 PARCEL 39
HOLMES LAND TRUST
12 MYRTLE STREET
NORFOLK, MASSACHUSETTS

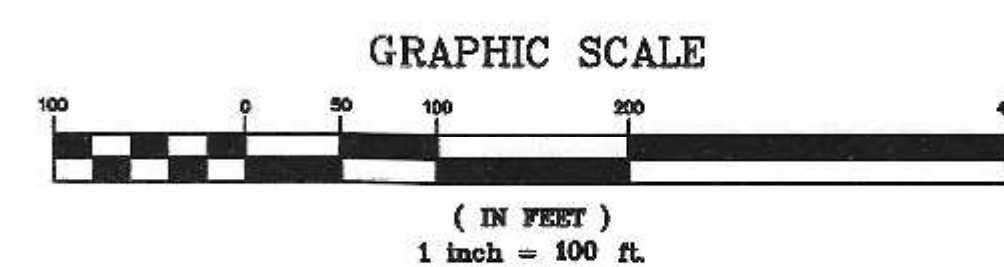
APPLICANT:
CAMFORD PROPERTY GROUP, INC
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS

COVER SHEET
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
NOVEMBER 8, 2024
SCALE: 1" = 100'

1. WATER REQUESTS.
2. 1. TO ALLOW LESS THAN 42" OF COVER OVER THE RCP DRAIN PIPE. PROPOSED CLASS V RCP.
3. 2. TO ALLOW THE USE OF HPDE PIPE FOR DRAINAGE POND AND THE ROOF DRAIN COLLECTION SYSTEMS.
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10. 9. WAIVER TO NOT REQUIRE STREET TREE PLANTING ALONG PANTHER WAY.
11. 10. WAIVER TO NOT REQUIRE STREET TREE PLANTING AT 20 FOOT INTERVALS.
12. 11. WAIVER TO ALLOW LIGHT SPILLAGE OVER THE PANTHER WAY PROPERTY LINE.

LOCUS MAP
SCALE: 1" = 100'

DATE _____



CARLOS A. QUINTAL CIVIL
No. 56912
RECEIVED
JANUARY 7, 2018

NO.	DATE	DESCRIPTION	BY
1	6/20/25	<i>REVIEW COMMENTS</i>	RRG

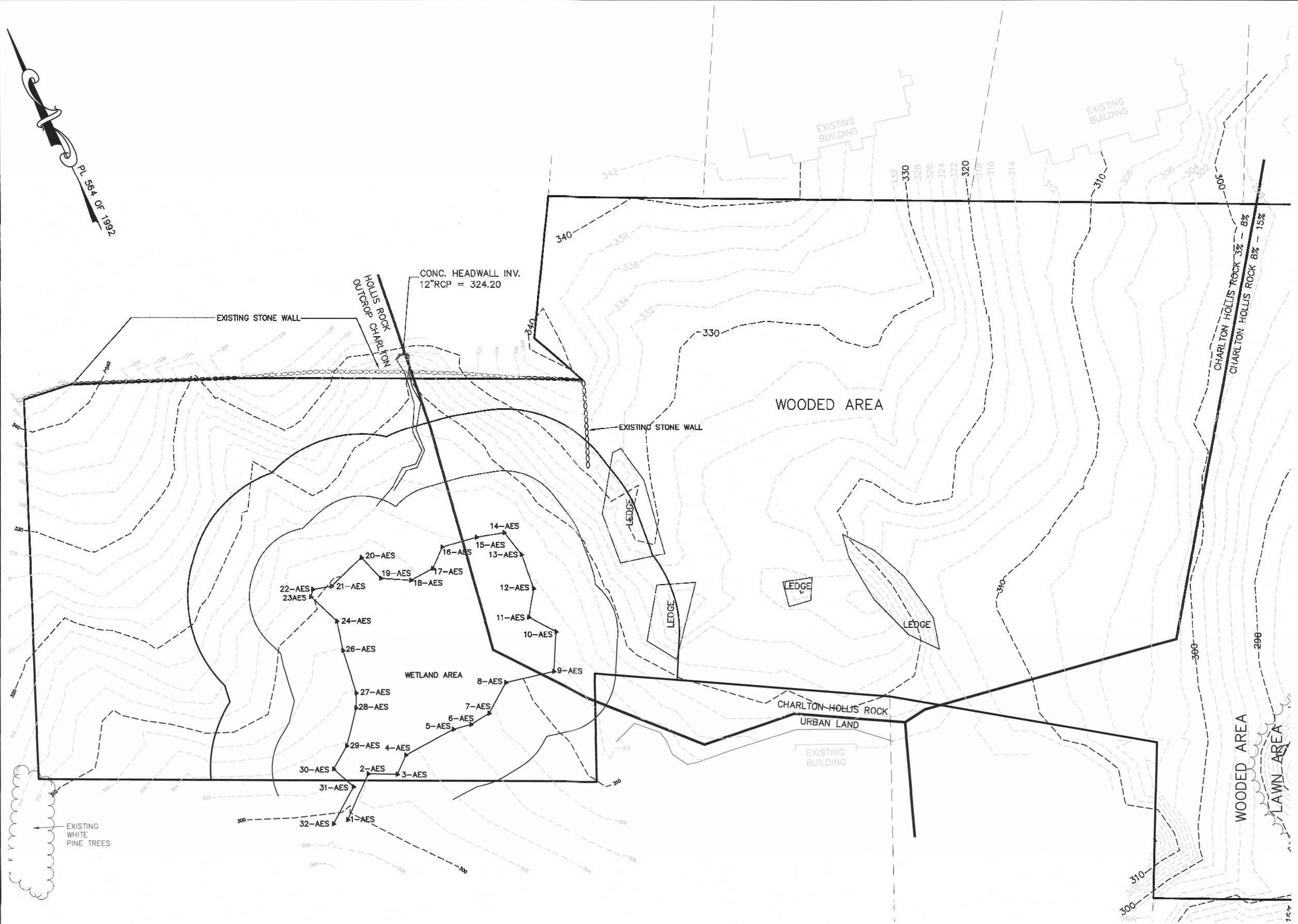
Carlos A. Quintal P.E. #3081

DATE		INT.
12/18	FIELD BY:	BL
BK#	FIELD BOOK	PG#
12/24	CALCS BY:	RRG
12/24	DESIGNED BY:	RRG
12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

**UNITED
CONSULTANTS
INC.**
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6580 FAX 508-384-6586

DATE	DEC. 13, 2024
SCALE	1" = 100'
PROJECT	UC1378
SHEET	1 OF 17

PL 584 OF 1992



VEGETATIVE COVER CONDITIONS

CULTIVATED LAND - NONE PRESENT
MEADOW - NONE PRESENT
PASTURE - NONE PRESENT
WOODLAND - LABELED WOODED AREA WHICH CONTINUE TO THE PROPERTY LINE
WETLAND - LABELED WETLAND AREA
TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) IN EXCESS OF 15 INCHES - TREES WITH A DBH OF 15 INCHES OR GRATER AREA LOCATED WITHIN THE WOODED AREA.
ACTUAL CANOPY LINE OF EXISTING TREES AND WOODLANDS - THE TREE CANOPY LINE SEPARATING THE WOODED AREAS FROM THE LAWN AREAS HAVE BEEN ADDED AND LABELED.

HISTORICALLY SIGNIFICANT SITES OR STRUCTURES

CELLAR HOLES - NO HISTORICAL CELLAR HOLES EXIST ON THE SITE
STONE WALLS - SHOWN
EARTHWORK - EXTENTS OF EARTHWORK FOR THE 100 PANTHER WAY SITE ARE SHOWN AS THE WOODED AREA - GRASS AREA LINE.
GRAVES - NO VISIBLE GRAVES EXIST ON THE SITE

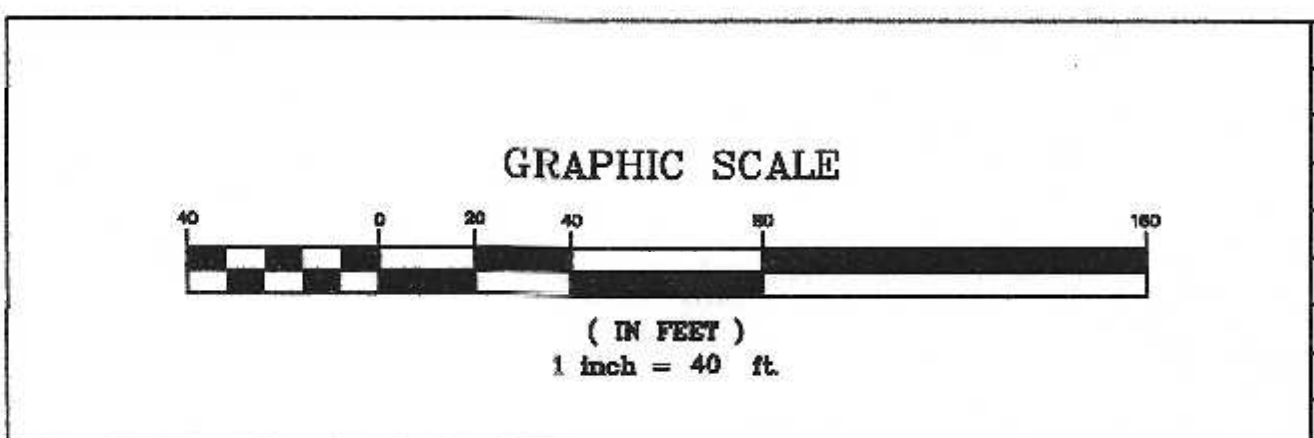
TEST PITS DECEMBER 2023

TEST PIT	GROUND ELEVATION	BOTTOM EXCAVATION
1-25	287.0±	276.0 (WATER AT 276.0)±
3-0	306.06	287.9 (WATER AT 300.06)
4-0	310.81	300.31 (WATER AT 306.81)
5-0	325.10	322.10 FRACTURED ROCK
6-0	326.60	322.60 REFUSAL
7-50	329.24	319.91 (WATER AT 321.74)
3-ON	275.92	263.92 S & G
4-ON	288.41	277.16 ROCK
5-ON	290.36	278.36 S & G
8-ON	316.50	312.50 REFUSAL
9-ON	329.29	325.29 REFUSAL
10-ON	328.43	322.43 REFUSAL

EXISTING CONDITIONS PLAN - 1
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE _____



NO.	DATE	DESCRIPTION	BY
1	6/20/25	REVIEW COMMENTS	RRG

ANDREW C. MURPHY P.L.S. #35042

DATE	FIELD BY:	INT.
12/24	CALCS BY:	RRG
12/24	DESIGNED BY:	RRG
12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

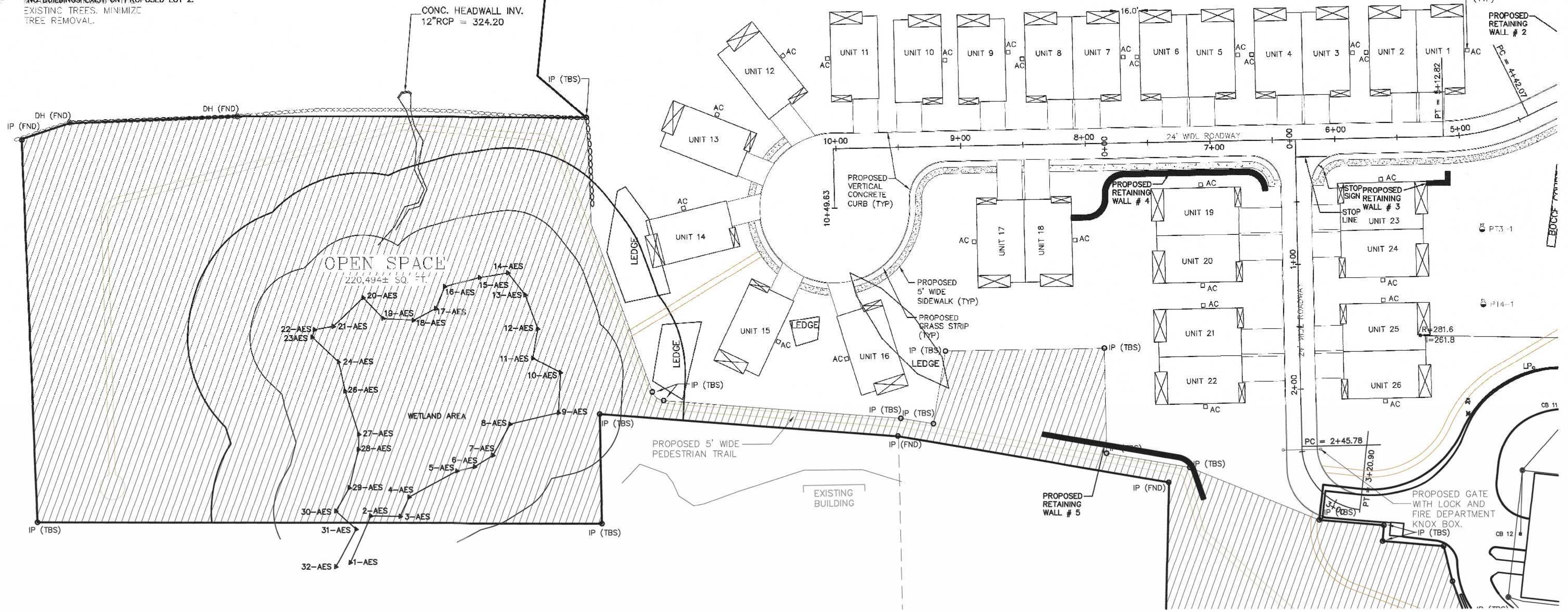
UNITED CONSULTANTS INC.
860 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-6566

DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	2 OF 17

ZONING: THE PROPERTY IS LOCATED WITHIN A COMMERCIAL II ZONE REQUIREMENTS: COMMERCIAL II AREA: 40,000 S.F. FRONTAGE: 175' DEPTH: 200' HEIGHT: 3 STORIES - 40' WIDTH: 157.5' COVERAGE - STRUCTURES: 70% STRUC. & PAVING: 80% SETBACKS- FRONT: 40' SIDE: 30' REAR: 30' EXISTING 800,948 ± S.F. 722.56' 1,150'± N/A 714'+ PROPOSED 654,484 ± S.F. 386.39' 1,150'+ 2 STORIES 356'+ 13.2% 26.7% 200' 30.5' 61'

UNIT COUNT: UNITS 1 THROUGH 8 AND 17 THROUGH 26 ARE DUPLEX BUILDINGS UNITS 9 THROUGH 16 ARE SINGLE FAMILY HOMES MIXED USE BUILDING HAS 18 RESIDENTIAL UNITS 44 TOTAL UNITS PROPOSED OPEN SPACE: TOTAL AREA - 654,484± SQ. FT. OPEN SPACE - 220,468 SQ. FT. PERCENTAGE OF OPEN SPACE - 33.7%

THE PROPERTY IS NOT LOCATED WITHIN A FRANKLIN WATER RESOURCE DISTRICT. THE PROPERTY IS NOT LOCATED WITHIN A ZONE A OR B BASED ON FEMA FIRM MAP 2502100308E DATED JULY 17, 2012. FINAL LOCATION TO NO. BUILDINGS EXIST ON PROPOSED LOT 2. EXISTING TREES. MINIMIZE TREE REMOVAL.



TEST PITS DECEMBER 2023

TEST PIT	GROUND ELEVATION	BOTTOM EXCAVATION
1-25	287.0±	276.0 (WATER AT 276.0)±
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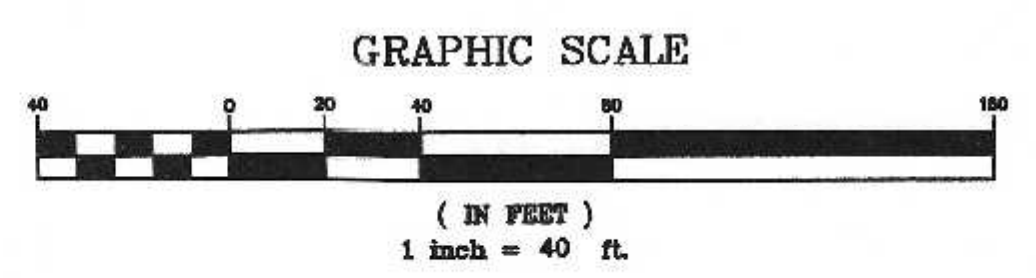
OWNERS: MAP 270 PARCELS 28 & 38 PANTHER WAY 2019 LLC 7 MYRTLE STREET NORFOLK, MASSACHUSETTS MAP 270 PARCEL 39 HOLMES LAND TRUST 12 MYRTLE STREET NORFOLK, MASSACHUSETTS APPLICANT: CAMFORD PROPERTY GROUP, INC 37 EAST CENTRAL STREET FRANKLIN, MASSACHUSETTS

PROJECT NARRATIVE DESCRIPTION

THE PROPOSED SENIOR VILLAGE WILL INCLUDE 44 HOUSING UNITS WHICH WILL BE DISPERSED WITHIN SINGLE UNIT BUILDING, TWO UNIT BUILDINGS AND 18 UNITS WILL BE LOCATED IN A MIXED USE BUILDING. A COMMERCIAL SPACE IS ALSO PROPOSED WITHIN THE MIXED USE BUILDING ALONG WITH A COMMUNITY CLUB HOUSE SPACE. THIS WILL EQUATE TO ONE HOUSING UNIT PER 0.34 ACRES. THE PROPOSED PROJECT IS INTENDED TO COMPLY WITH ALL OF THE TOWN OF FRANKLIN ZONING AND OTHER LAND USE REGULATIONS. THE PROPOSED CONSTRUCTION OF THE BUILDING WILL INCLUDE CONCRETE FOUNDATIONS AND WOOD FRAMED STRUCTURES. NO BUILDING DEMOLITION IS PROPOSED. THE PROJECT WILL ALLOW FOR RESIDENTIAL, CLUB HOUSE, AND A COMMERCIAL USE TO BE DETERMINED. IT IS ANTICIPATED THAT THE RESIDENTIAL UNIT WILL HAVE ONE OR TWO OCCUPANTS. THE COMMERCIAL SPACE WILL PROVIDE FOR EMPLOYMENT OPPORTUNITIES AND THE NUMBER OF EMPLOYEES WILL BE DETERMINED ONCE A TENANT IS SECURED. THE RESIDENTIAL UNITS WILL BE AVAILABLE FOR OCCUPANCY TWENTY FOUR HOURS A DAY. THE COMMERCIAL SPACE HOURS OF OPERATION WILL BE DETERMINED ONCE A TENANT IS SECURED.

LAYOUT PLAN - 1 SENIOR VILLAGE PANTHER WAY FRANKLIN, MASSACHUSETTS PREPARED FOR CAMFORD PROPERTY GROUP, INC. 37 EAST CENTRAL STREET FRANKLIN, MASSACHUSETTS DECEMBER 13, 2024 SCALE: 1" = 40'

SITE PLAN APPROVAL REQUIRED FRANKLIN PLANNING BOARD

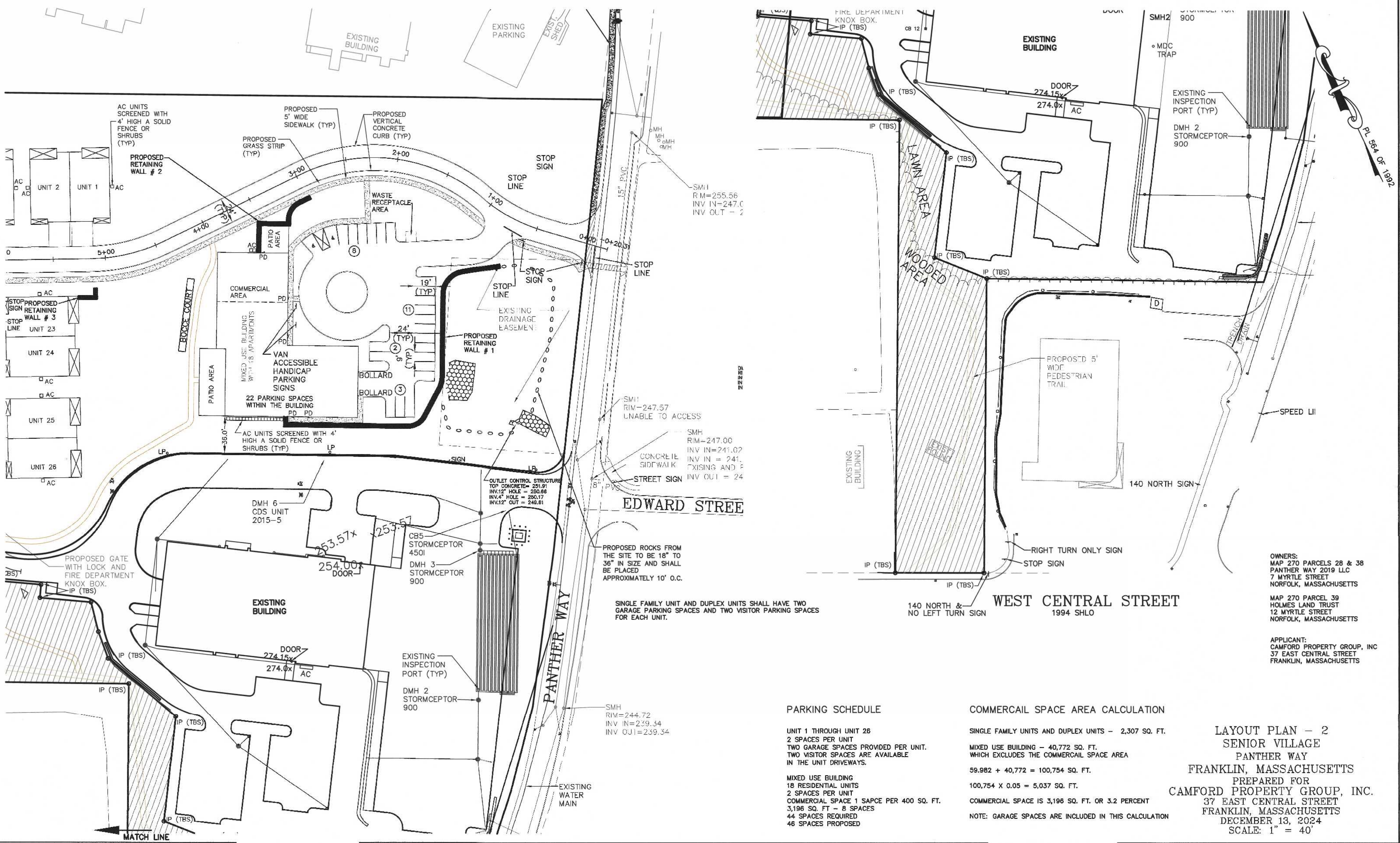


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1	6/20/25	REVIEW COMMENTS	RRG

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12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

UNITED CONSULTANTS INC. 850 FRANKLIN STREET SUITE 11D WRENTHAM, MASSACHUSETTS 02093 508-384-6560 FAX 508-384-6566

DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	4 OF 17



OWNERS:
MAP 270 PARCELS 28 & 38
PANTHER WAY 2019 LLC
7 MYRTLE STREET
NORFOLK, MASSACHUSETTS

MAP 270 PARCEL 39
HOLMES LAND TRUST
12 MYRTLE STREET
NORFOLK, MASSACHUSETTS

APPLICANT:
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS

PARKING SCHEDULE

UNIT 1 THROUGH UNIT 26
2 SPACES PER UNIT
TWO GARAGE SPACES PROVIDED PER UNIT.
TWO VISITOR SPACES ARE AVAILABLE
IN THE UNIT DRIVEWAYS.

MIXED USE BUILDING
18 RESIDENTIAL UNITS
2 SPACES PER UNIT
COMMERCIAL SPACE 1 SPACE PER 400 SQ. FT.
3,196 SQ. FT. = 8 SPACES
44 SPACES REQUIRED
46 SPACES PROPOSED

COMMERCIAL SPACE AREA CALCULATION

SINGLE FAMILY UNITS AND DUPLEX UNITS - 2,307 SQ. FT.

MIXED USE BUILDING - 40,772 SQ. FT.
WHICH EXCLUDES THE COMMERCIAL SPACE AREA

$59,982 + 40,772 = 100,754$ SQ. FT.

$100,754 \times 0.05 = 5,037$ SQ. FT.

COMMERCIAL SPACE IS 3,196 SQ. FT. OR 3.2 PERCENT

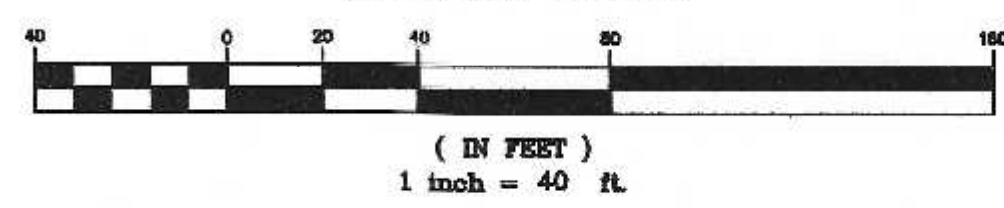
NOTE: GARAGE SPACES ARE INCLUDED IN THIS CALCULATION

LAYOUT PLAN - 2
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE

GRAPHIC SCALE



NO.	DATE	REVIEW COMMENTS	BY
1	6/20/25	REVIEW COMMENTS	RRG

CARLOS A. QUINTA
CIVIL
No. 35812
REGISTERED PROFESSIONAL ENGINEER
MASSACHUSETTS

DATE	FIELD BOOK	INT.
BK#	FIELD BOOK	PG#
12/24	CALCS BY:	RRG
12/24	DESIGNED BY:	RRG
12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

UNITED
CONSULTANTS
INC.
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-6568

DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	5 OF 17

SOIL TESTING INFORMATION

PERMEABILITY TEST 3-1 - ELEVATION = 285.6
 0 - 12" A SANDY LOAM ELEV. = 284.6
 12" - 40" B SANDY LOAM 10YR 4/4 ELEV. = 282.27
 40" - 144" C1 LOAMY SAND AND GRAVEL 2.5Y 6/3 ELEV = 273.6
 144" - 180" C2 LOAMY SAND AND GRAVEL W/12" ROCK ELEV = 270.6
 PERMEABILITY RATE = 52.86 IN/HR

PERMEABILITY TEST 4-1 - ELEVATION = 282.0
 0 - 9" A SANDY LOAM ELEV. = 281.25
 9" - 60" B SANDY LOAM 10YR 4/4 ELEV. = 277.0
 60" - 240" C SAND AND GRAVEL 2.5Y 6/3 ELEV = 262.0
 PERMEABILITY RATE = 27.2 IN/HR

PERMEABILITY TEST 5-1 - ELEVATION = 275.0
 0 - 36" A SANDY LOAM ELEV. = 272.0
 36" - 60" B SANDY LOAM 10YR 4/4 ELEV. = 270.0
 60" - 168" C SAND AND GRAVEL 2.5Y 6/3 ELEV = 261.0
 PERMEABILITY RATE = 35.7 IN/HR

PERMEABILITY TEST 5-2 - ELEVATION = 278.1
 0 - 12" A SANDY LOAM ELEV. = 277.1
 12" - 40" B SANDY LOAM 10YR 4/4 ELEV. = 274.77
 40" - 198" C SAND AND GRAVEL 2.5Y 6/3 ELEV = 261.6
 WATER @ 198" ELEV. = 261.6
 PERMEABILITY RATE = 29.8 IN/HR

WETLAND BUFFER ZONE DISTURBANCE

0 - 50' BUFFER ZONE - 0 SQ. FT.
 50' - 100' BUFFER ZONE - 9,308 SQ. FT.

DRAINAGE STRUCTURE SCHEDULE

CB 30 - RIM = 253.86
 12" DI INV OUT = 251.54
 CB 31 - RIM = 253.86
 12" RCP INV OUT = 251.26
 CB 32 - RIM = 255.9
 12" RCP INV OUT = 251.51
 CB 33 - RIM = 255.4
 12" RCP INV = 251.56

WQU - CASCADE MODEL CS-4
 DMH 30 - RIM = 254.8
 12" RCP INV IN = 251.20
 12" RCP INV OUT = 251.10

DMH 31 - RIM = 255.5
 12" RCP INV IN = 251.35
 12" RCP INV OUT = 251.25
 HW 30 INV = 250.98

CB 34 - RIM = 268.61
 12" RCP INV OUT = 261.58
 CB 35 - RIM = 268.61
 12" RCP INV OUT = 261.34

CB 46 - RIM = 259.0
 12" RCP INV OUT = 252.98
 CB 51 - RIM = 273.0 DOUBLE GRATE
 12" HDPE INV OUT = 269.8

WQU - CASCADE MODEL CS-4
 DMH 32 - RIM = 258.5
 12" RCP INV IN = 252.75
 12" RCP INV OUT = 252.65

DMH 33 - RIM = 258.7
 12" RCP INV IN = 254.26
 12" RCP INV OUT = 254.16

DMH 34 - RIM = 268.33
 12" RCP INV IN = 261.26 CB 34 & CB 35
 12" RCP INV IN = 263.26 DMH 41
 12" RCP INV OUT = 260.26

DMH 35 - RIM = 258.9
 12" RCP INV IN = 254.35
 12" RCP INV OUT = 254.25

DMH 41 - RIM = 272.0
 12" HDPE INV IN = 268.5
 12" RCP INV OUT = 264.62

INV 32 INV = 252.44

DRAINAGE STRUCTURE SCHEDULE TO POND 3

CB 36 - RIM = 290.73
 12" RCP INV = 286.73
 CB 37 - RIM = 290.73
 12" RCP INV = 286.73

CB 38 - RIM = 298.39
 12" RCP INV OUT = 294.39
 CB 39 - RIM = 298.39
 12" RCP INV OUT = 294.08

CB 40 - RIM = 307.91
 12" RCP INV OUT = 303.91

CB 41 - RIM = 307.91 DOUBLE GRATE
 12" RCP INV OUT = 303.48

WQU - CASCADE MODEL CS-4
 DMH 36 - RIM = 284.50
 15" RCP IN = 280.25
 18" HDPE INV OUT = 280.00

DMH 37 - RIM = 290.33
 12" RCP INV IN = 286.33 CB 36 & CB 37
 15" RCP IN = 282.87 DMH 38
 15" RCP INV OUT = 282.77

DMH 38 - RIM = 297.76
 12" RCP INV IN = 293.76 CB 38 & CB 39
 12" RCP INV IN = 291.00 DMH 39
 15" RCP INV OUT = 288.71

DMH 39 - RIM = 299.68
 12" RCP INV IN = 294.40 DMH 40
 12" RCP INV OUT = 292.40

DMH 40 - RIM = 307.12
 12" RCP INV IN = 303.12
 12" RCP INV OUT = 299.44

DRAINAGE STRUCTURE SCHEDULE EXISTING POND

CB 42 - RIM = 276.91
 12" RCP INV = 272.00

CB 43 - RIM = 276.91
 12" RCP INV = 271.23

CB 44 - RIM = 276.0 DOUBLE GRATE
 12" RCP INV OUT = 272.00

DMH 42 - RIM = 278.0
 12" RCP INV IN = 271.64 CB 43 & CB 44
 15" RCP INV OUT = 271.39

WQU - CASCADE MODEL CS-4
 DMH 43 - RIM = 278.5
 15" RCP INV IN = 270.95
 15" RCP INV OUT = 270.85

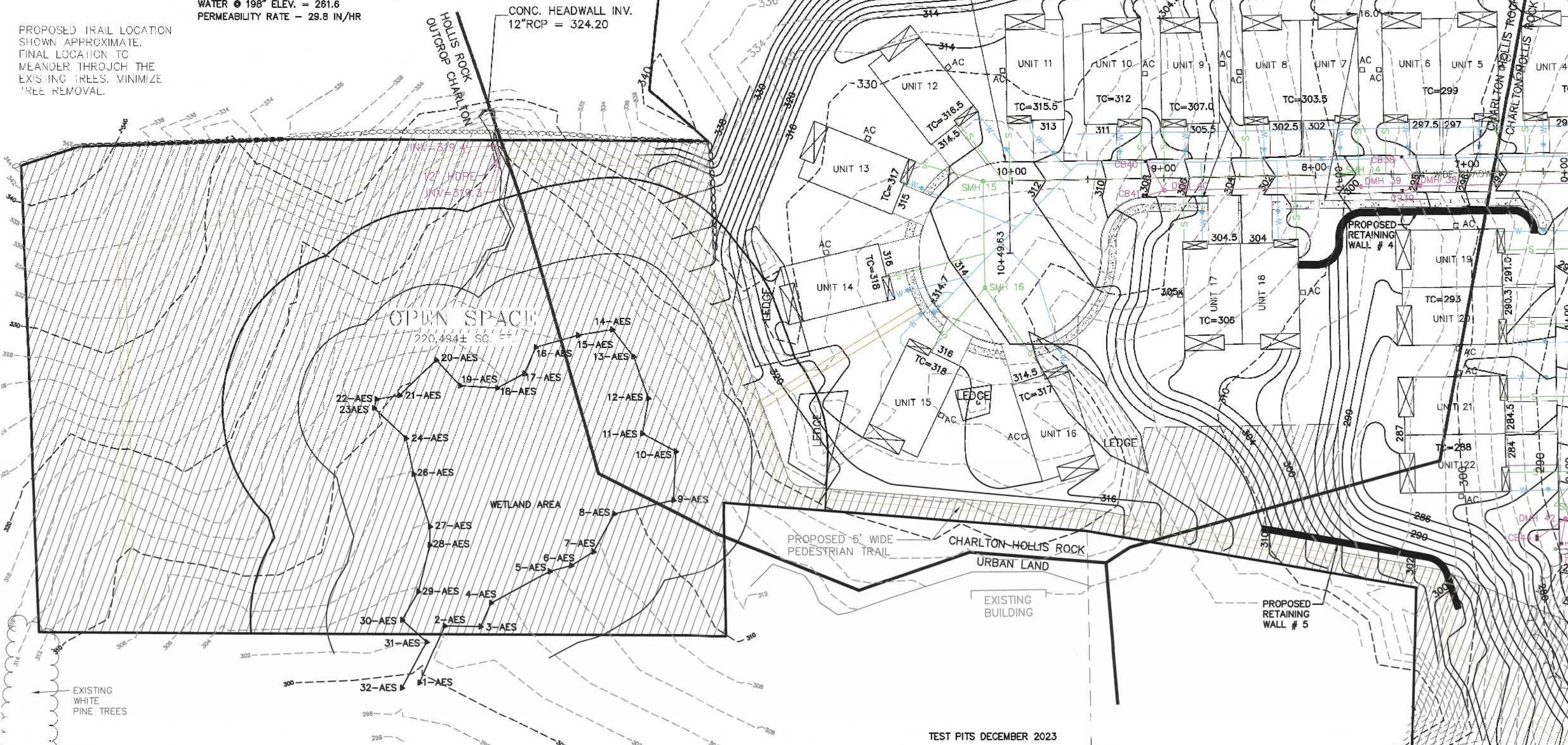
DMH 44 - RIM = 274.0
 15" RCP INV IN = 268.70
 15" RCP INV OUT = 266.70

DMH 45 - RIM = 277.0
 12" RCP INV IN = 271.50 DMH 46
 15" RCP INV IN = 264.93 DMH 44
 15" RCP INV OUT = 264.93

DMH 46 - RIM = 281.0
 12" HDPE INV IN = 278.25
 12" RCP INV OUT = 272.25

GRADING AND UTILITY PLAN - 1
 SENIOR VILLAGE
 PANTHER WAY
 FRANKLIN, MASSACHUSETTS
 PREPARED FOR
 CAMFORD PROPERTY GROUP, INC.
 37 EAST CENTRAL STREET
 FRANKLIN, MASSACHUSETTS
 DECEMBER 13, 2024
 SCALE: 1" = 40'

PROPOSED TRAIL LOCATION
 SHOWN APPROXIMATE.
 FINAL LOCATION TO
 MEANDER THROUGH THE
 EXISTING TREES. MINIMIZE
 TREE REMOVAL.



ROADWAY NOTES:
 1. ALL CURBING TO BE REINFORCED VERTICAL CONCRETE.
 2. SIDEWALKS TO BE 5' WIDE AND CAST IN PLACE CONCRETE.

WATER NOTES:
 1. WATER CONNECTIONS TO THE PROPOSED BUILDING ARE SHOWN AS 2" FOR DOMESTIC AND 4" FOR FIRE PROTECTION. FINAL WATER PIPE SIZING WILL BE COMPLETED BY THE PLUMBING AND OR FIRE PROTECTION ENGINEERS.
 2. (SECTION 300-12) WHEN BUILDING FINISH FLOOR ARE BETWEEN ELEVATION 310 AND 340 BOOSTER PUMPS ARE RECOMMENDED.

MONUMENTATION LEGEND

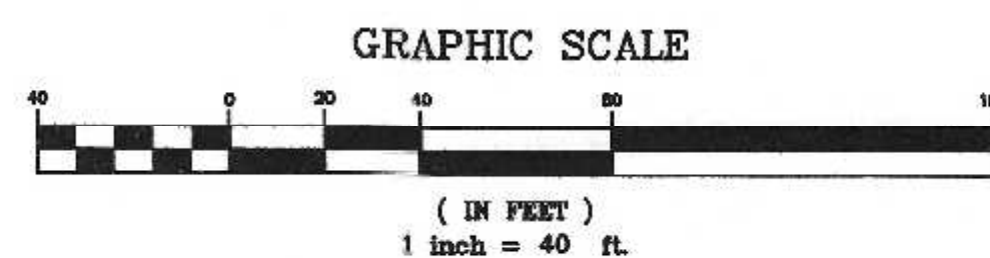
IP (FND) - IRON PIN OR PIPE FOUND
 DH (FND) - DRILL HOLE FOUND
 IP (TBS) - IRON PIN TO BE SET

TEST PITS DECEMBER 2023

TEST PIT	GROUND ELEVATION
1-25	287.04
3-0	306.06
4-0	310.81
5-0	325.10
6-0	326.60
7-50	329.24
3-ON	275.92
4-ON	288.41
5-ON	290.36
8-ON	316.50
9-ON	329.29
10-ON	328.43

BOTTOM EXCAVATION

276.0 (WATER AT 276.0)±
297.9 (WATER AT 300.06)
300.31 (WATER AT 306.81)
322.10 FRACTURED ROCK
322.60 REFUSAL
319.91 (WATER AT 321.74)
263.92 S & G
277.16 ROCK
278.36 S & G
312.50 REFUSAL
325.29 REFUSAL
322.43 REFUSAL



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12/24	DESIGNED BY:	RRG
12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

UNITED CONSULTANTS INC.
 850 FRANKLIN STREET SUITE 11D
 WRENTHAM, MASSACHUSETTS 02093
 508-384-6560 FAX 508-384-6566

DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	6 OF 17

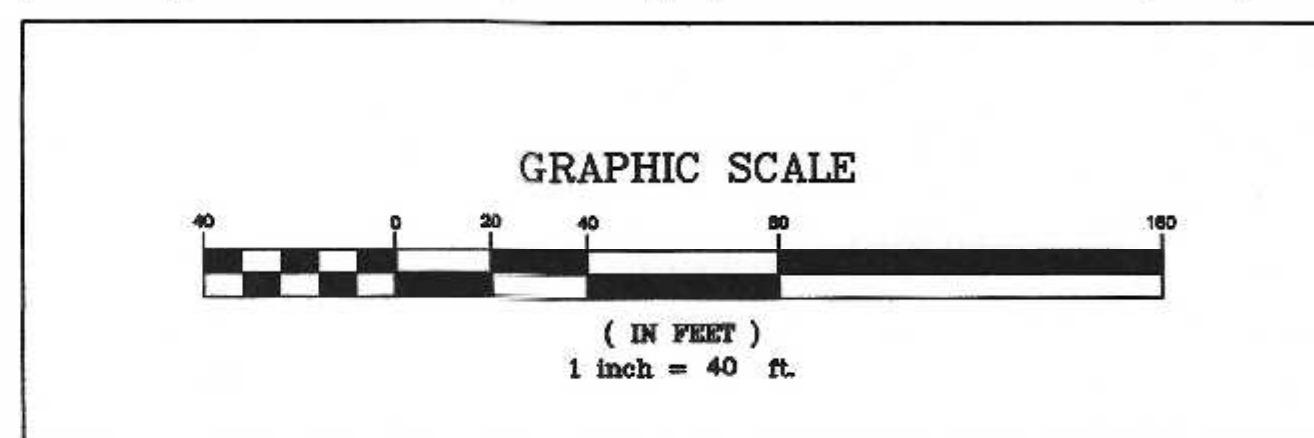
SITE PLAN APPROVAL
 REQUIRED
 FRANKLIN PLANNING BOARD

DATE

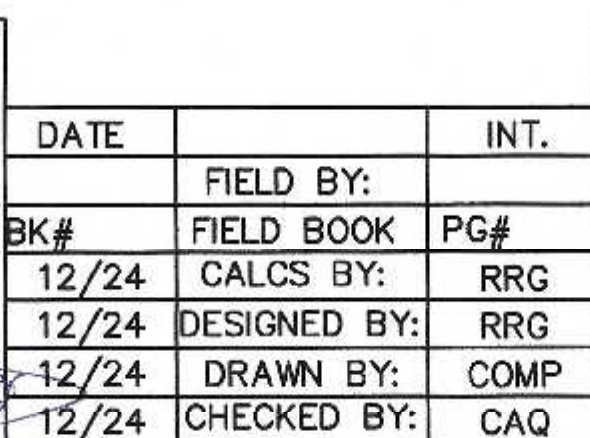
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1	6/20/25		RRG

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REQUIRED
FRANKLIN PLANNING BOARD

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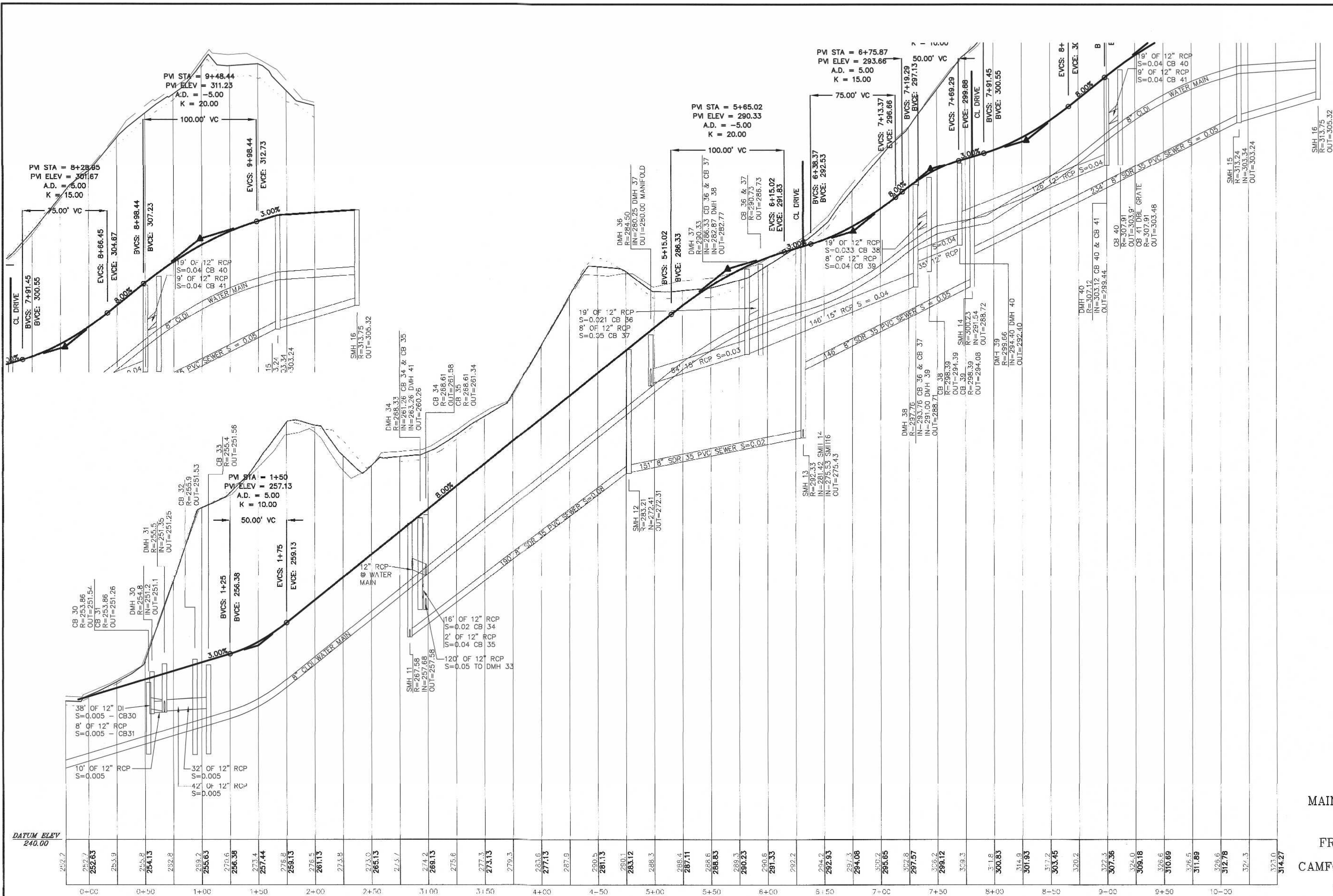


1	6/20/25	REVIEW COMMENTS		RRG		
NO.	DATE	DESCRIPTION		BY	CARLOS A. QUINTAL P.E. #30812	



 UNITED CONSULTANTS INC. 850 FRANKLIN STREET SUITE 11D WRENTHAM, MASSACHUSETTS 02093 508-384-6560 FAX 508-384-6568	DATE
	DEC. 13, 2024
	SCALE
	1" = 40'
	PROJECT
	UC1378
	SHEET
	7 OF 17

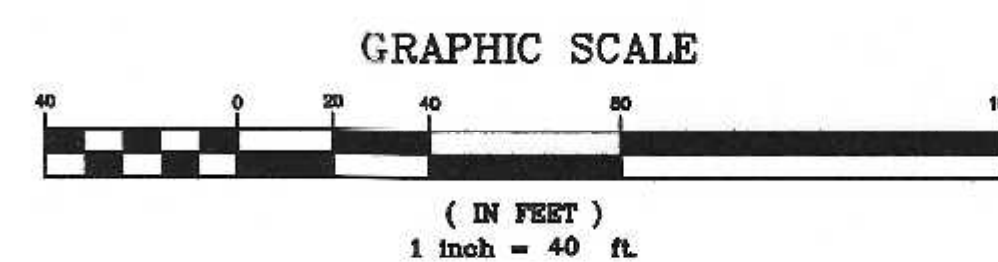
DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	7 OF 17



MAIN DRIVEWAY PROFILE PLAN
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE



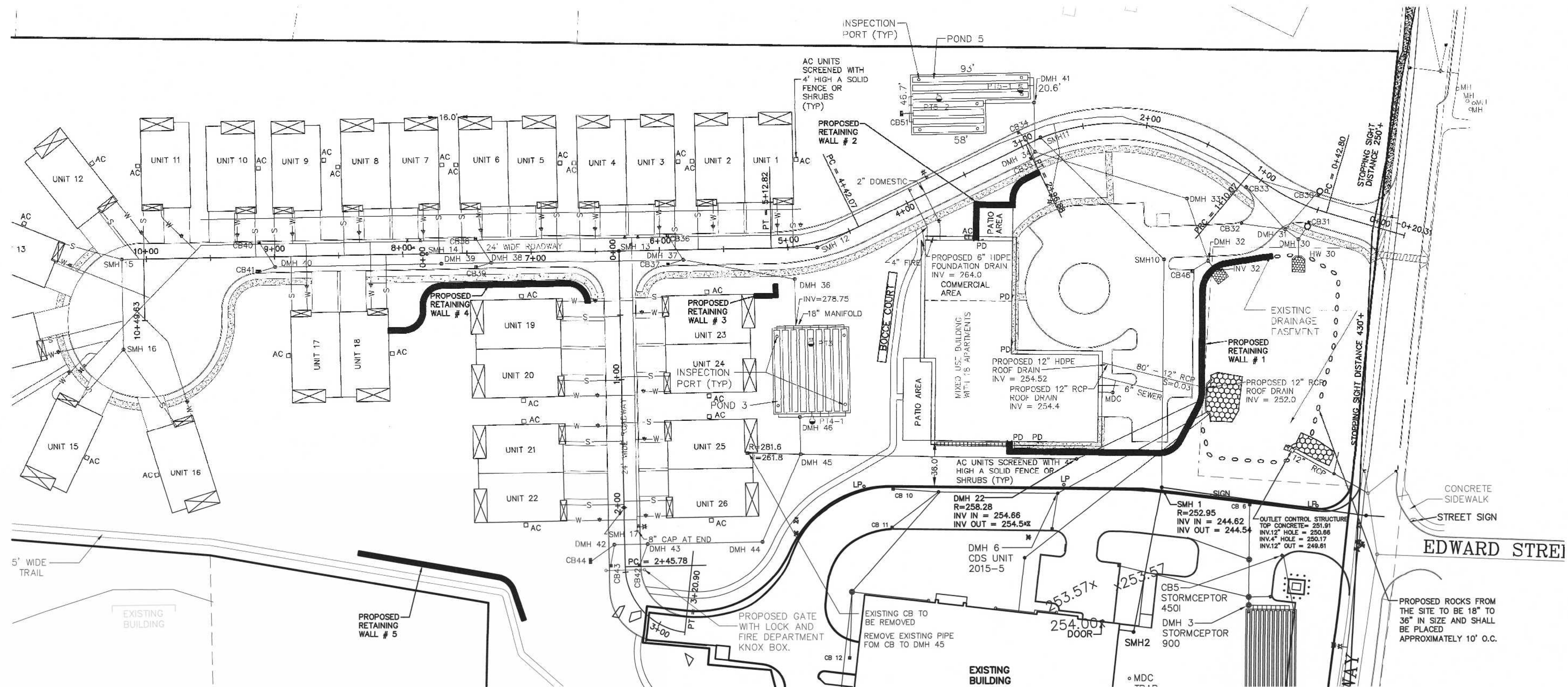
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WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-6568

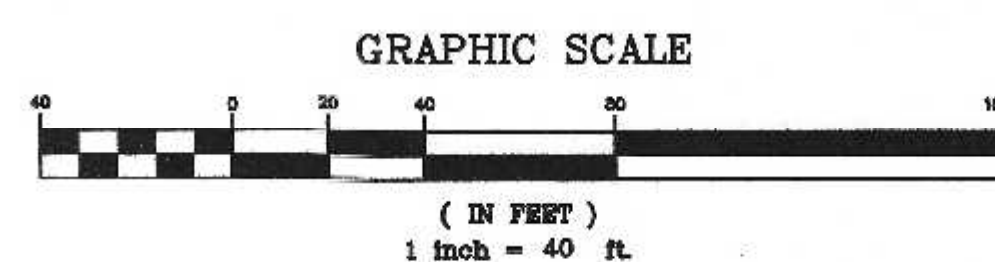
DATE	DEC. 13, 2024
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PROJECT	UC1378
SHEET	8 OF 17



DRIVEWAY PLANS
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

**SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD**

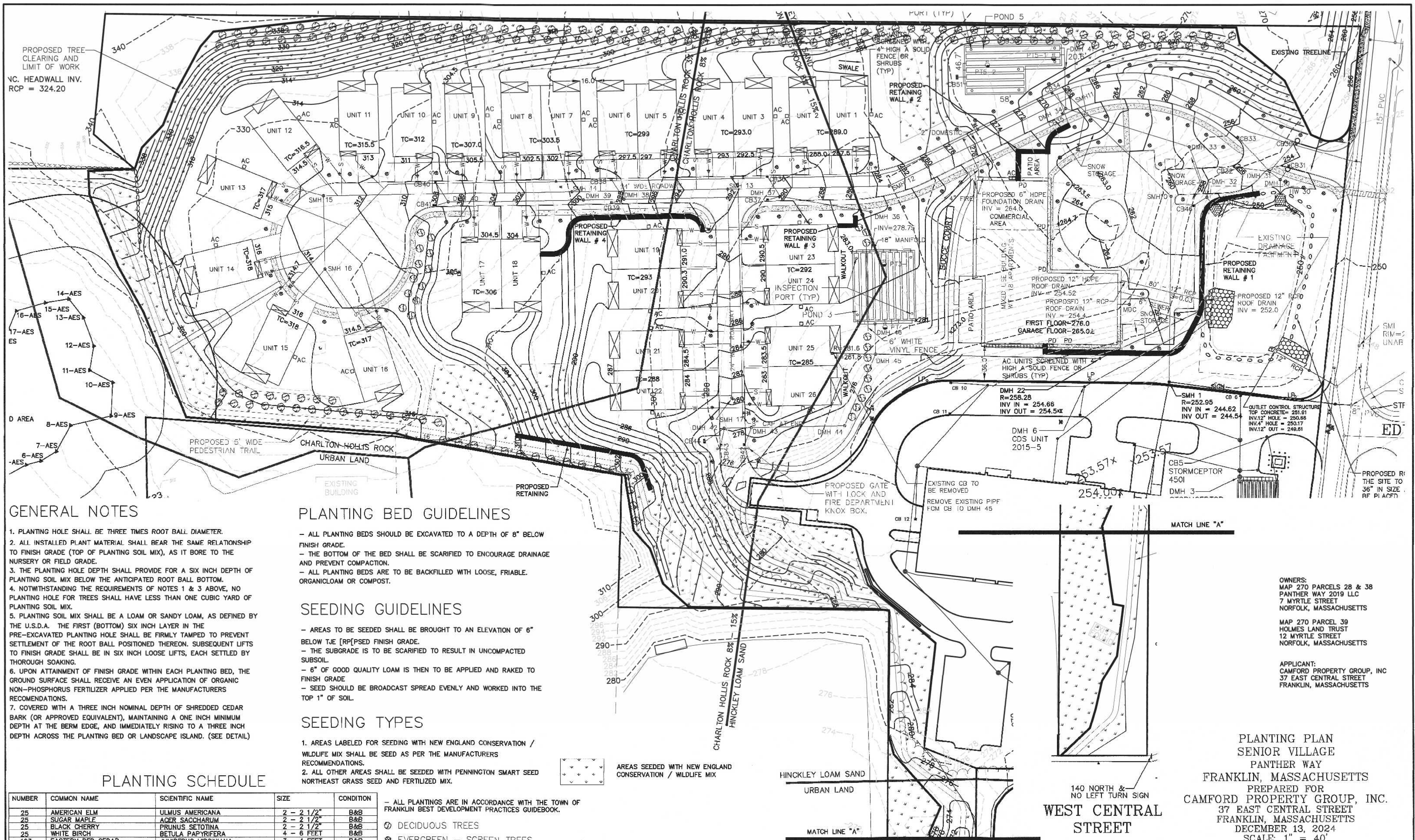
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**UNITED
CONSULTANTS
INC.**
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-8588

DATE	DEC. 13, 2024
SCALE	1" = 40'
PROJECT	UC1378
SHEET	10 OF 17



OWNERS:
MAP 270 PARCELS 28 & 38
PANTHER WAY 2019 LLC
7 MYRTLE STREET
NORFOLK, MASSACHUSETTS

MAP 270 PARCEL 39
HOLMES LAND TRUST
12 MYRTLE STREET
NORFOLK, MASSACHUSETTS

APPLICANT:
CAMFORD PROPERTY GROUP, INC
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS

PLANTING PLAN
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

NUMBER	COMMON NAME	SCIENTIFIC NAME	SIZE	CONDITION
25	AMERICAN ELM	ULMUS AMERICANA	2 - 2 1/2"	B&B
25	SUGAR MAPLE	ACER SACCHARUM	2 - 2 1/2"	B&B
25	BLACK CHERRY	PRUNUS SETOTINA	2 - 2 1/2"	B&B
25	WHITE BIRCH	BETULA PAPIRYFERA	4 - 6 FEET	B&B
193	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3 - 4 FEET	B&B

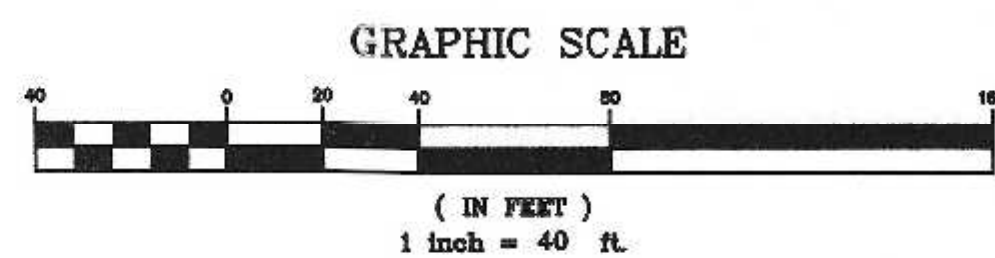
- ALL PLANTINGS ARE IN ACCORDANCE WITH THE TOWN OF FRANKLIN BEST DEVELOPMENT PRACTICES GUIDEBOOK.

☐ DECIDUOUS TREES
☐ EVERGREEN – SCREEN TREES

**SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD**

DATE _____

PER SECTION 185-48.F.3(c.ii) TWO
TREES ARE REQUIRED FOR EVERY 3
PARKING SPACES.
24 PARKING SPACE = 16 TREES

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SHEET	11 OF 17

PROPOSED TRAIL LOCATION SHOWN APPROXIMATE. FINAL LOCATION TO MEANDER THROUGH THE EXISTING TREES. MINIMIZE TREE REMOVAL.

PROPOSED TREE CLEARING AND LIMIT OF WORK

CONC. HEADWALL INV. 12" RCP = 324.20

INSPECTION PORT (TYP)

AC-UNITS SCREENED WITH 4' HIGH A SOLID FENCE OR SHRUBS (TYP)

PROPOSED RETAINING WALL # 2

2" DOMESTIC

PC = 442.00

TC = 289.02

TC = 288.02

TC = 287.02

TC = 286.02

TC = 285.02

TC = 284.02

TC = 283.02

TC = 282.02

TC = 281.02

TC = 280.02

TC = 279.02

TC = 278.02

TC = 277.02

TC = 276.02

TC = 275.02

TC = 274.02

TC = 273.02

TC = 272.02

TC = 271.02

TC = 270.02

TC = 269.02

TC = 268.02

TC = 267.02

TC = 266.02

TC = 265.02

TC = 264.02

TC = 263.02

TC = 262.02

TC = 261.02

TC = 260.02

TC = 259.02

TC = 258.02

TC = 257.02

TC = 256.02

PROJECT PHASING NOTES:
- PHASE ONE SHALL CONSIST OF SITE GRADING, UTILITY INSTALLATION AND THE CONSTRUCTION OF THE MAIN DRIVEWAY. CONSTRUCT AND INSTALL UNITS 1 - 16. ALL AREA AROUND EACH UNIT SHALL BE LOAMED AND SEEDED ONCE THE UNIT IS WEATHER TIGHT. REMOVE THE TEMPORARY STOCKPILES AND SEDIMENTATION POND 1. CONSTRUCT UNITS 17 AND 18.

PHASE TWO SHALL CONSIST OF THE GRADING, UTILITY INSTALLATION AND THE CONSTRUCTION OF THE CONNECTION DRIVEWAY. CONSTRUCT AND INSTALL UNITS 19 - 24. ALL AREA AROUND EACH UNIT SHALL BE LOAMED AND SEEDED ONCE THE UNIT IS WEATHER TIGHT. REMOVE THE TEMPORARY STOCKPILES AND SEDIMENTATION POND 2. CONSTRUCT UNITS 25 AND 26.

PHASE THREE SHALL CONSIST OF THE CONSTRUCTION OF THE MIXED USE BUILDING. UTILITY INSTALLATION AND SITE GRADING SHALL BE COMPLETED WHILE SEDIMENTATION POND 3 IS MAINTAINED. WHEN NECESSARY REMOVE TEMPORARY SEDIMENTATION POND 3 AND COMPLETE THE PARKING AREA CONSTRUCTION.

(REFER TO PERMANENT AND TEMPORARY STABILIZATION AND EROSION CONTROL NOTES ON SHEET 12 AND 13.

NOTE:
PROPOSED EROSION CONTROL SHALL CONSIST OF A 12" DIAMETER COMPOST SOCK.

CONSTRUCTION PHASE SNOW STORAGE:
1. THE MAIN DRIVEWAY AND CONNECTOR DRIVEWAY SHALL HAVE SNOW STORAGE STORED IN WINDROWS ALONG THE EDGE OF THE ROADWAY (EITHER GRAVEL OR PAVEMENT) DEPENDING ON TIMING.
2. SNOW STORAGE FOR THE CONSTRUCTION PHASE OF THE MIXED USE COMMERCIAL BUILDING SHALL BE AS SHOWN ON SHEET 13.

TEMPORARY SEDIMENT BASIN 1
8,098 CUBIC FEET PROPOSED
3.5 x 1800 = 6,300 CUBIC FEET REQUIRED

AREA 2
2.0 ACRES
2.0 ACRES TO SEDIMENT POND

TEMPORARY SEDIMENT BASIN 2
3,981 CUBIC FEET PROPOSED
2.0 x 1800 = 3,600 CUBIC FEET REQUIRED

OWNERS:
MAP 270 PARCELS 28 & 38
PANTHER WAY 2019 LLC
7 MYRTLE STREET
NORFOLK, MASSACHUSETTS

MAP 270 PARCEL 39
HOLMES LAND TRUST
12 MYRTLE STREET
NORFOLK, MASSACHUSETTS

APPLICANT:
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS

EROSION CONTROL PLAN - 1
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

UNITED CONSULTANTS INC.

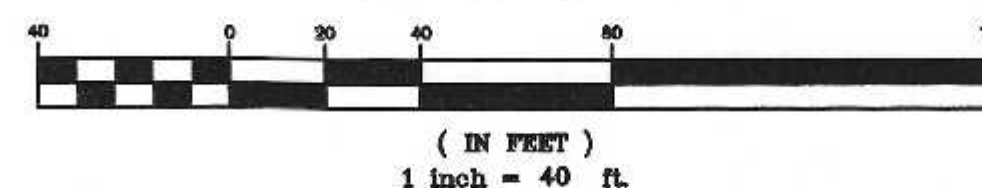
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-6566

DATE
DEC. 13, 2024
SCALE
1" = 40'
PROJECT
UC1378
SHEET
12 OF 17

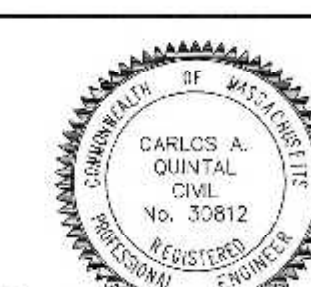
SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE

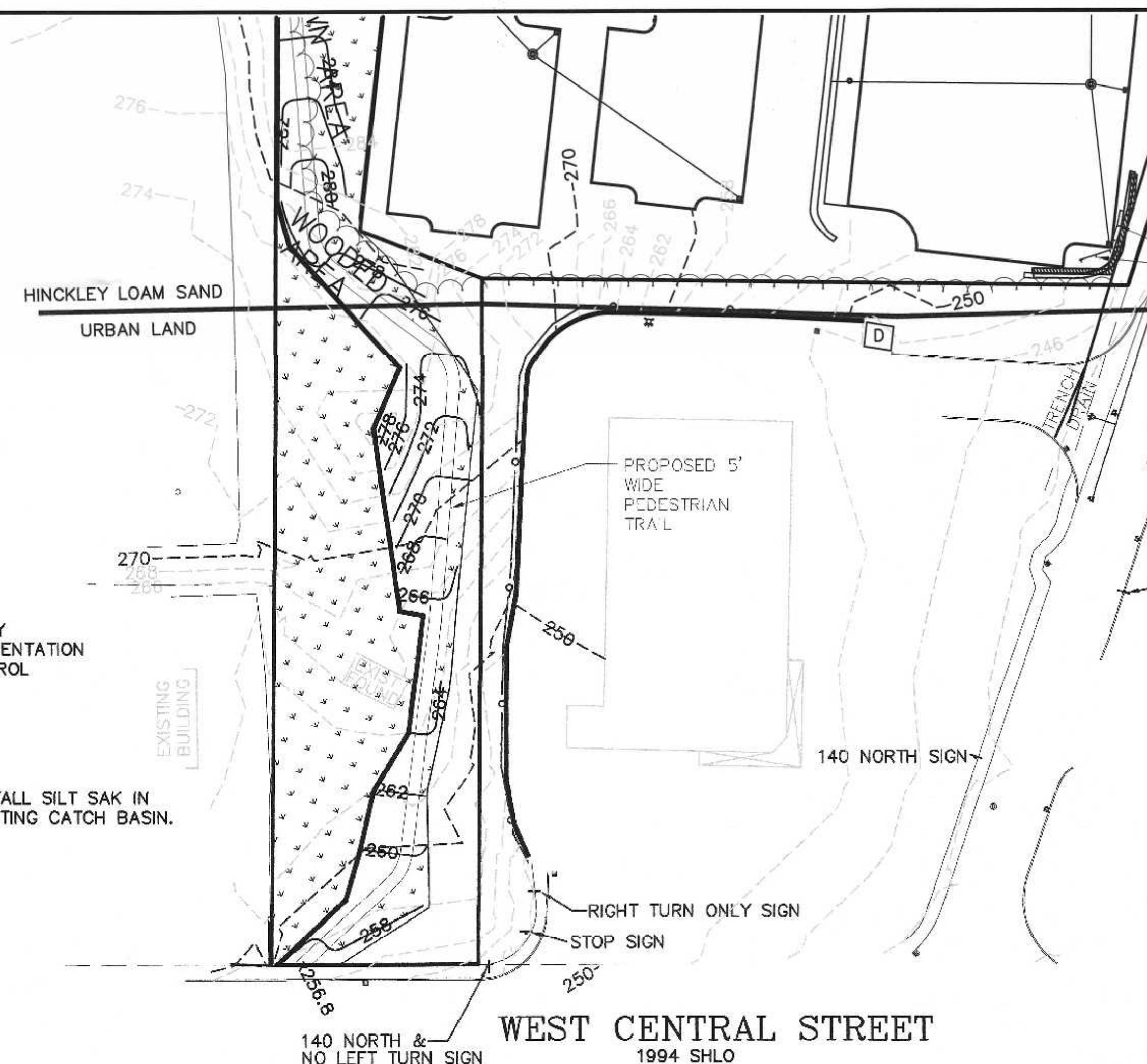
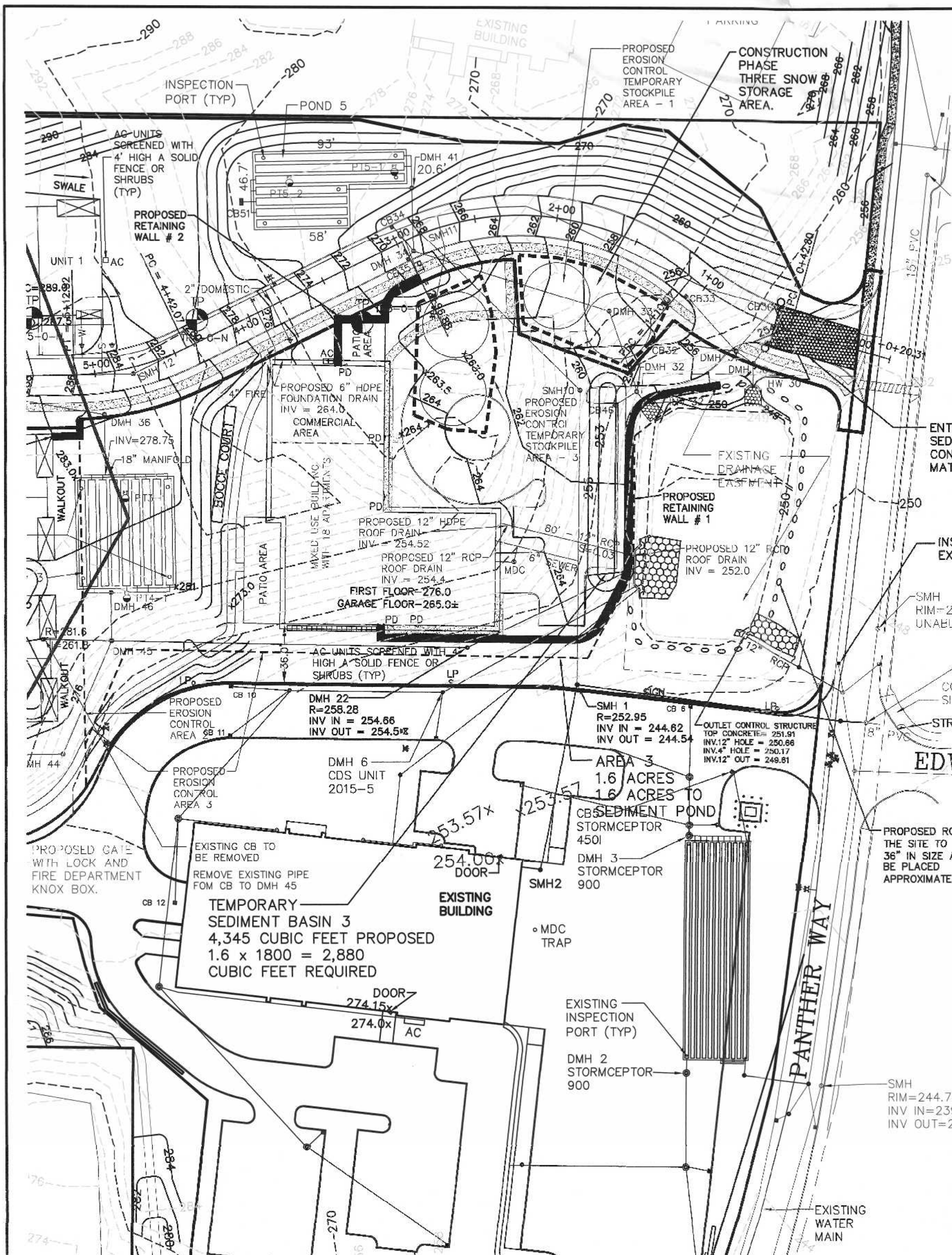
GRAPHIC SCALE



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- CONSTRUCTION SEQUENCE:**
1. INSTALL EROSION CONTROL AND SIGN.
 2. COMPLETE THE CLEARING, STUMP REMOVAL AND REMOVE LOAM AND SUBSOIL.
 3. PERFORM HAMMERING AND OR BLASTING FOR ROCK REMOVAL.
 4. INSTALL SITE UTILITIES, THE STORMWATER SYSTEM SHALL BE INSTALLED WITH EXCESS MATERIAL BEING REMOVED FROM THE SITE AND NECESSARY CONSTRUCTION MATERIALS DELIVERED TO THE SITE. MINIMIZE THE USE OF MATERIAL STOCKPILE AREA.
 5. PAVE THE DRIVEWAY AND SIDEWALKS WITH A BINDER COURSE.
 6. EXCAVATE THE HOUSE FOUNDATIONS, FORM AND POUR THE FOUNDATION AND THEN BACKFILL FOUNDATION FOR EACH HOUSE.
 7. CONSTRUCT RETAINING WALLS.
 8. CURBING SHALL BE INSTALLED.
 9. PAVE THE DRIVEWAYS WITH A TOP COURSE.
 10. LANDSCAPING SHALL BE PLANTED AND ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED.

- EROSION CONTROL NOTES:**
1. COMPOST SOCK SHALL BE INSTALLED PRIOR TO TREE CLEARING OR SITE WORK COMMENCING.
 2. COMPOST SOCK TO REMAIN IN CONTACT WITH THE EARTH. REPAIR OR RESET AS NECESSARY.
 3. REFER TO CONSTRUCTION SEQUENCE FOR SLOPE GREATER THAN 3' HORIZONTAL TO 1' VERTICAL.
 4. CATCH BASINS, UNDERGROUND POND AND PARKING AREA TO BE CLEANED ONCE CONSTRUCTION IS COMPLETED.
 5. ALL SEDIMENT COLLECTED DURING THE CONSTRUCTION PHASE OR POST CONSTRUCTION PHASE SHALL BE DISPOSED OF TO AN APPROVED LOCATION.
 6. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE EROSION CONTROL MEASURES SHALL BE REMOVED.
 7. DAMAGED OR DETERIORATED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AFTER THEY HAVE BEEN IDENTIFIED.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSPECTIONS.
 9. DUST CONTROL WILL BE BY SPRAYING WATER AS NECESSARY. THE USE OF OILS, PETROLEUM PRODUCTS OR TOXIC LIQUIDS FOR DUST CONTROL IS PROHIBITED.

OPERATION AND MAINTENANCE PLAN

- CONSTRUCTION PHASE**
1. THE OWNERS REPRESENTATIVE, CAMFORD PROPERTY GROUP, INC, 1-508-507-9020 SHALL BE THE RESPONSIBLE PARTY FOR THE STORMWATER MAINTENANCE PLAN.
 2. THE SITE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER ALL RAIN EVENTS.
 3. SEDIMENT SHALL BE REMOVED FROM COMPOST SOCK WHEN A MAXIMUM DEPTH OF 6" IS OBSERVED OR AS NEEDED.
 4. CONSTRUCTION ENTRY MAT SHALL BE INSPECTED WEEKLY AND AFTER ALL RAIN EVENTS. SEE DETAIL FOR MAINTENANCE REQUIREMENTS.
 5. DAMAGED OR DETERIORATED COMPOST SOCK AND/OR SILT FENCE AREAS SHALL BE REPLACED IMMEDIATELY.
 6. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND ALL DISTURBED AREAS ARE STABILIZED.
 7. SILT SAKS SHALL BE INSTALLED AT ALL PROPOSED CATCH BASINS AND EXISTING CATCH BASINS 10, 12 AND THE CATCH BASIN IN PANTHER WAY (SEE LABELED CB PANTHER WAY) AND SHALL BE INSPECTED WEEKLY AND AFTER ALL RAIN EVENTS.
 8. CLEANING OF SILT SAKS SHALL BE COMPLETED AS NECESSARY.

- INSPECTION AND MAINTENANCE SCHEDULE:**
1. INSPECTIONS SHALL BE CONDUCTED BY THE APPLICANTS ENGINEER, CONTRACTOR AND / OR REPRESENTATIVES OF THE TOWN AS NECESSARY. AT A MINIMUM INSPECTIONS SHALL BE CONDUCTED ON A MONTHLY BASIS.
 2. MONTHLY INSPECTIONS SHALL INCLUDE THE DRIVEWAY(S) AND PARKING LOT SURFACES TO DETERMINE IF ACCUMULATED SEDIMENTS ARE TO BE REMOVED.
 3. INSPECTION OF THE PROPOSED CATCH BASINS TO DETERMINE THE DEPTH OF SEDIMENT AND REQUIRED CLEANING.
 4. INSPECTION OF PONDS 2, 3, AND 5 TO DETERMINE IF CLEANING IS NECESSARY.
 5. THE HEADWALL OUTLET RIPRAP SHALL BE INSPECTED WEEKLY AND ANY SEDIMENT OBSERVED SHALL BE IMMEDIATELY REMOVED.

- OPERATION AND MAINTENANCE SCHEDULE**
- CONSTRUCTION PHASE:**
1. THE EROSION CONTROL BARRIERS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER ALL STORM EVENTS.
 2. THE EXISTING PAVED PARKING AREAS AS WELL THE PROPOSED PARKING AREA ONCE PAVED WILL REQUIRE DAILY INSPECTIONS TO BE CONDUCTED TO DETERMINE THE NECESSITY TO REMOVE ANY ACCUMULATED SEDIMENT. THE REMOVAL OF THE ACCUMULATED SEDIMENT SHALL BE COMPLETED ON THE DAY THE DETERMINATION IS MADE.
 3. SILT SAKS SHALL BE INSTALLED AT ALL CATCH BASINS. SILT SAKS, ONCE INSTALLED SHALL BE INSPECTED ON A WEEKLY BASIS AND CLEANED AS NECESSARY.
 4. THE WATER QUALITY UNITS SHALL BE INSPECTED ON A WEEKLY BASIS AND CLEANED WHEN THE SEDIMENT DEPTH REACHES 8"

5. THE PONDS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED WHEN 2" OF SEDIMENT HAS ACCUMULATED AT THE INLET. ANY TRASH OR CONSTRUCTION DEBRIS SHALL BE IMMEDIATELY REMOVED.
6. ALL SLOPE AREAS (SHOWN ON SHEET 11) TO BE SEEDED WITH NEW ENGLAND CONSERVATION AND WILDLIFE MIX SHALL BE LOAMED AND SEED WITHIN 1 WEEK OF COMPLETING OF EXCAVATION IN THE AREA. SLOPES TO BE COVERED WITH EGS-1 SINGLE NET STRAW ROLLED EROSION CONTROL BLANKET.
7. ALL OTHER AREA OF SITE GRADING SHALL BE TEMPORARILY LOAMED AND SEEDED WITH A NEW ENGLAND EROSION CONTROL / RESTORATION MIX WITHIN ONE WHEEL OF AREAS BEING BROUGHT TO SUB-GRADE.
8. ALL MATERIAL STOCKPILES THAT ARE NOT BEING ACTIVELY USED FOR A PERIOD OF 2 WEEKS SHALL BE COVERED WITH A TARP(S) OR VEGETATED WITH NEW ENGLAND EROSION CONTROL / RESTORATION MIX.

- ADDITIONAL EROSION CONTROLS MAY BE REQUIRED DEPENDING ON ACTUAL FIELD CONDITIONS DURING CONSTRUCTION.**
- LONG TERM:**
1. THE DRIVEWAY AND PARKING LOT SHALL BE SWEEP FOUR TIMES PER YEAR WITH ONE BEING AFTER THE LAST WINTER SANDING.
 2. THE CATCH SHALL BE INSPECTED 4 TIMES PER YEAR AND SEDIMENT REMOVED WHEN THE DEPTH REACHES 24 INCHES.
 3. THE PONDS SHALL BE INSPECTED AND PREVENTIVE MAINTENANCE PERFORMED TWICE PER YEAR. THE PONDS SHALL BE INSPECTED AFTER EVERY STORM EVENT EXCEEDING 1 INCH OF RAINFALL FOR THE FIRST 3 MONTHS AND THEN TWICE PER YEAR THEREAFTER AND WHEN THERE ARE DISCHARGES THROUGH THE HIGH OUTLET.
 4. DURING INSPECTIONS OF STORM-WATER FACILITIES ANY TRASH OR DEBRIS DISCOVERED SHALL BE IMMEDIATELY REMOVED.

EROSION CONTROL PLAN - 2
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

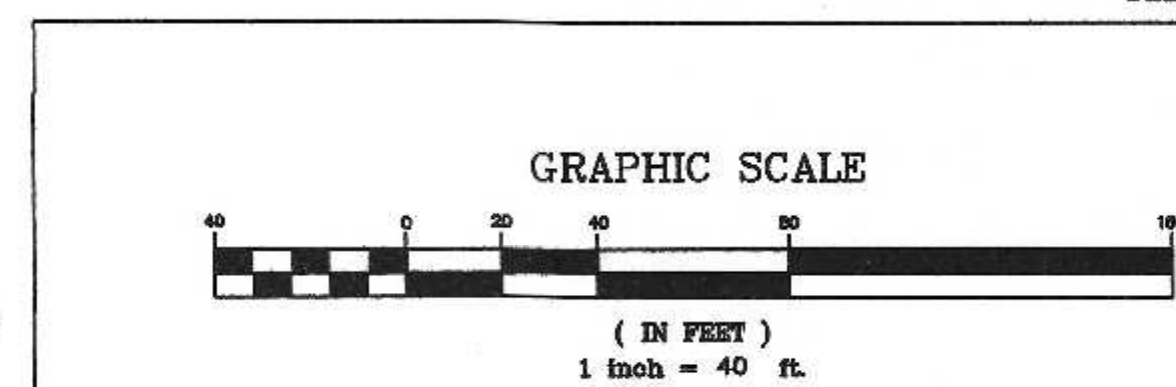
NOTE:
PROPOSED EROSION CONTROL SHALL CONSIST OF A 12" DIAMETER COMPOST SOCK.

OWNERS:
MAP 270 PARCEL 38
PANTHER WAY 2019 LLC
7 MYRTLE STREET
NORFOLK, MASSACHUSETTS

APPLICANT:
CAMFORD PROPERTY GROUP, INC
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS

SITE PLAN APPROVAL REQUIRED
FRANKLIN PLANNING BOARD

DATE _____



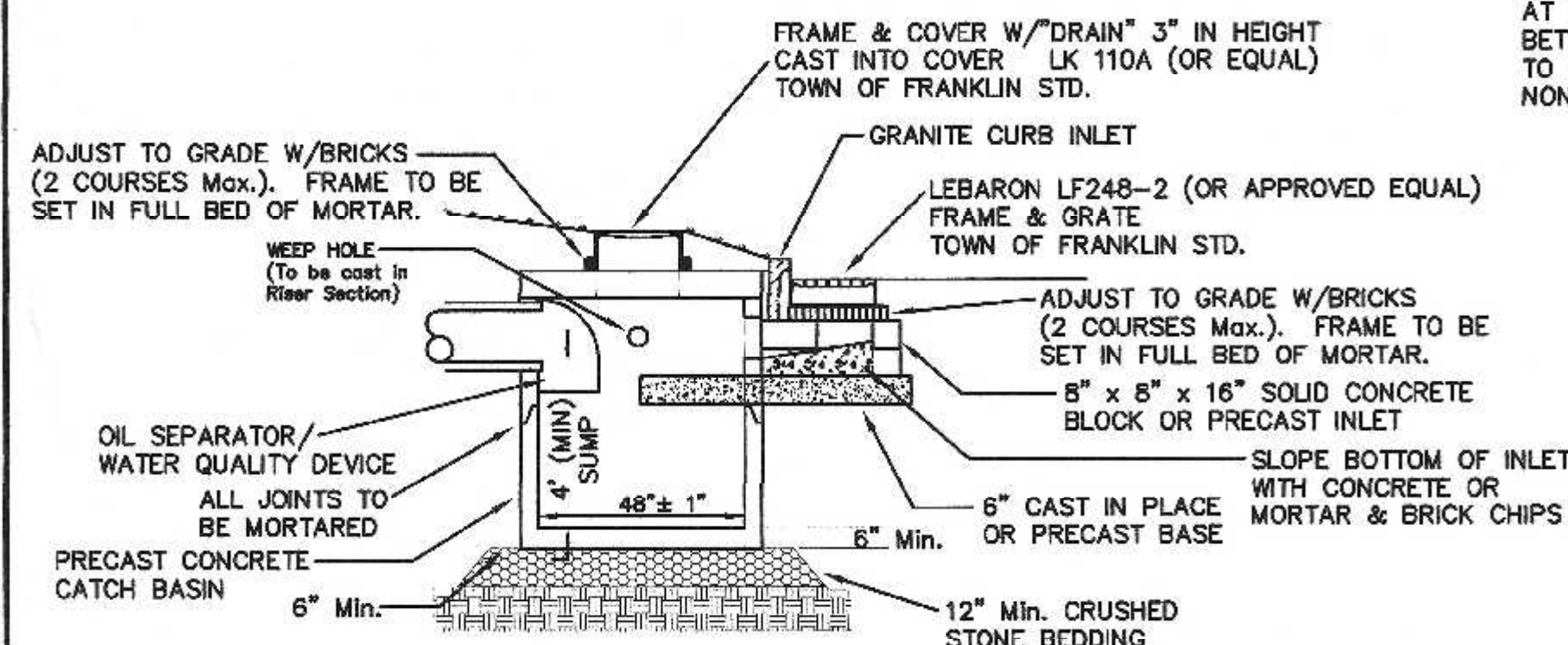
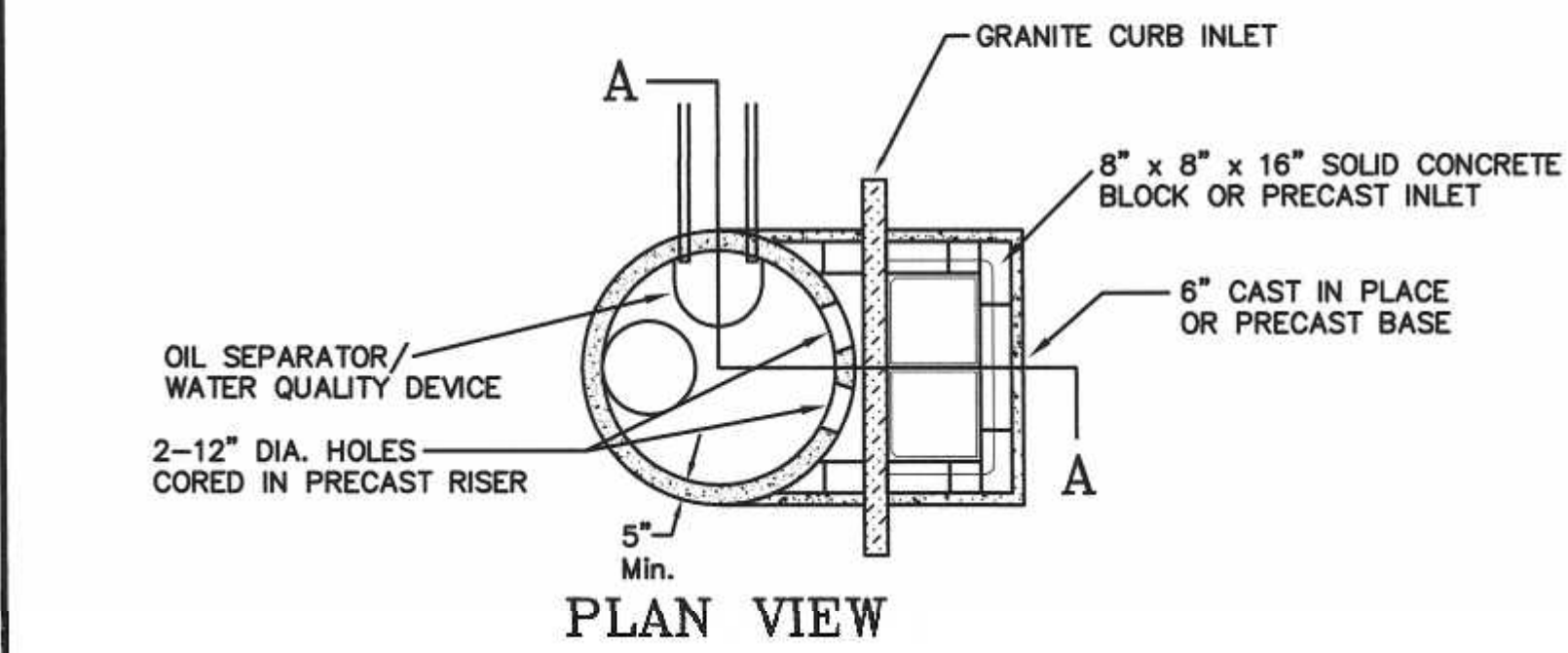
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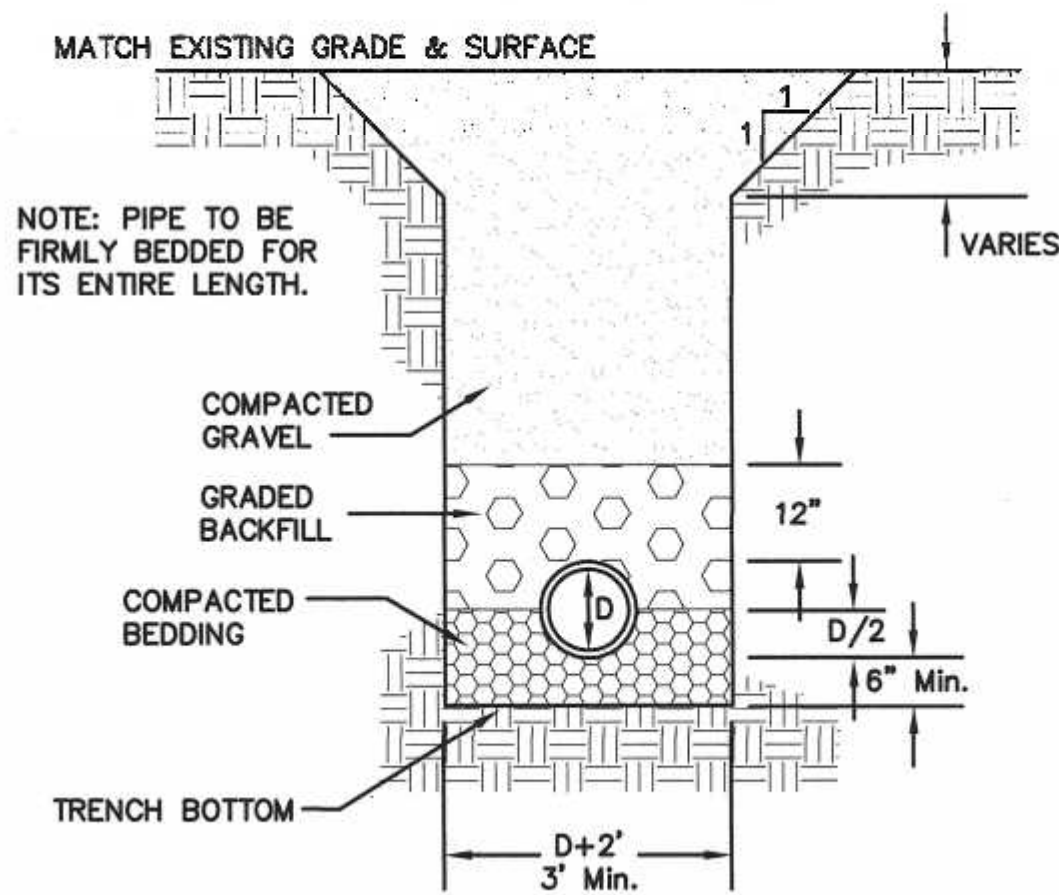
UNITED CONSULTANTS INC.

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SHEET 13 OF 17

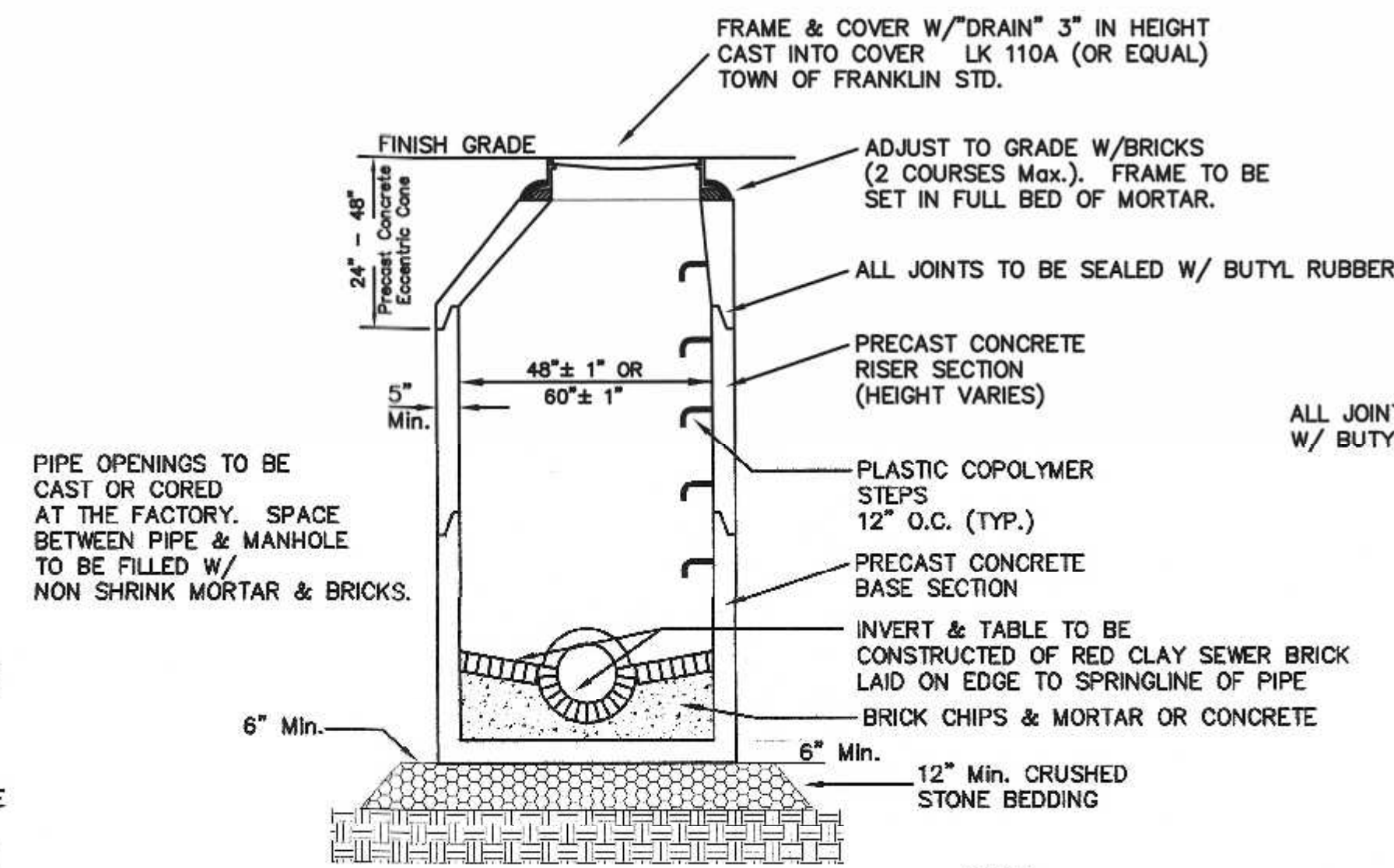


DOUBLE GRATE
PRECAST GUTTER INLET
W/ DEEP SUMP
CB - 30 AND CB - 31

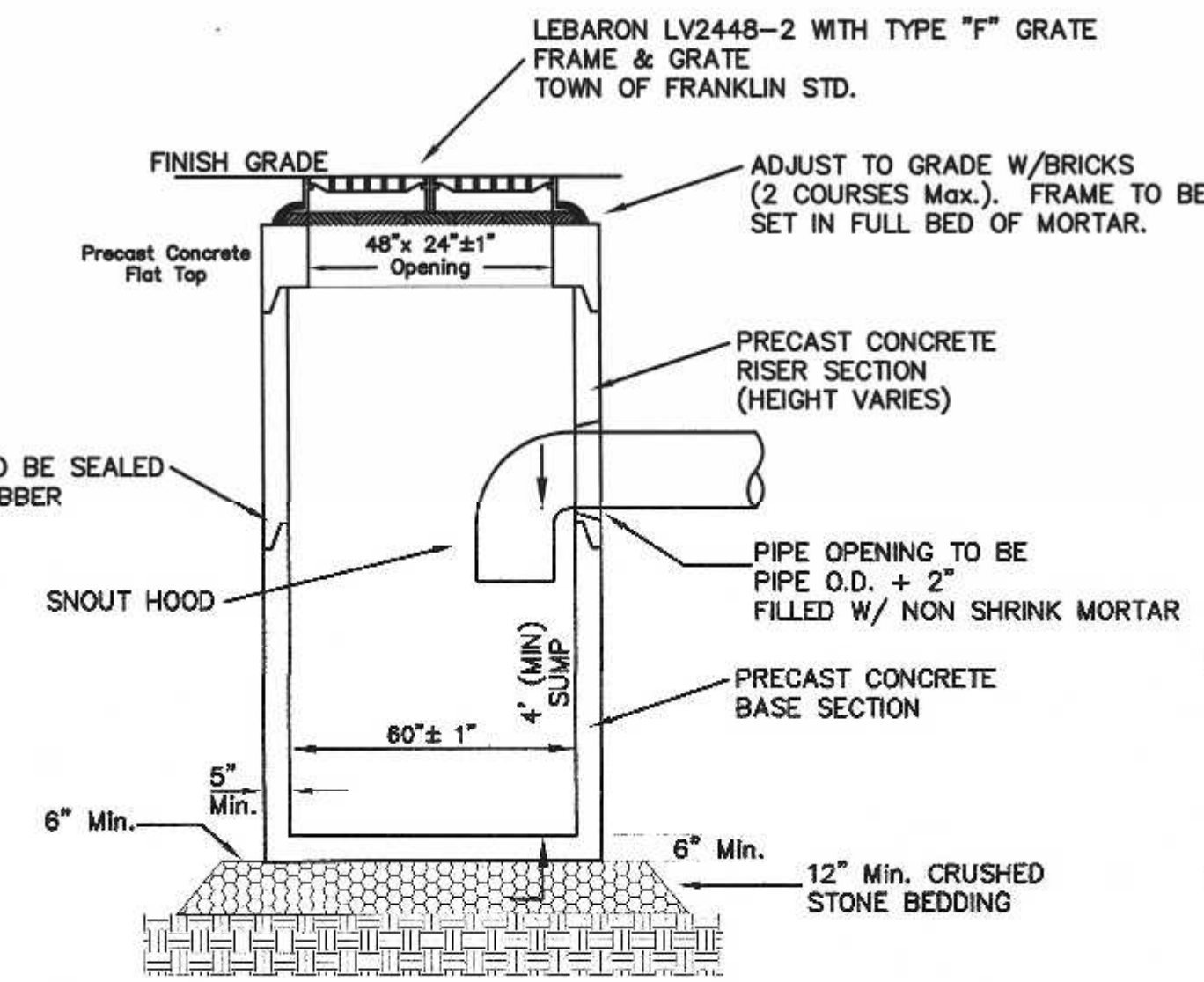


TYPE OF PIPE	RCP DRAIN	CLDI WATER	PVC SEWER	D.I. SEWER
BEDDING MATERIAL	PROC. GRAVEL	SAND	3/4" STONE	3/8" STONE
BACKFILL MATERIAL	ORD. FILL	SAND	3/4" STONE	3/8" STONE

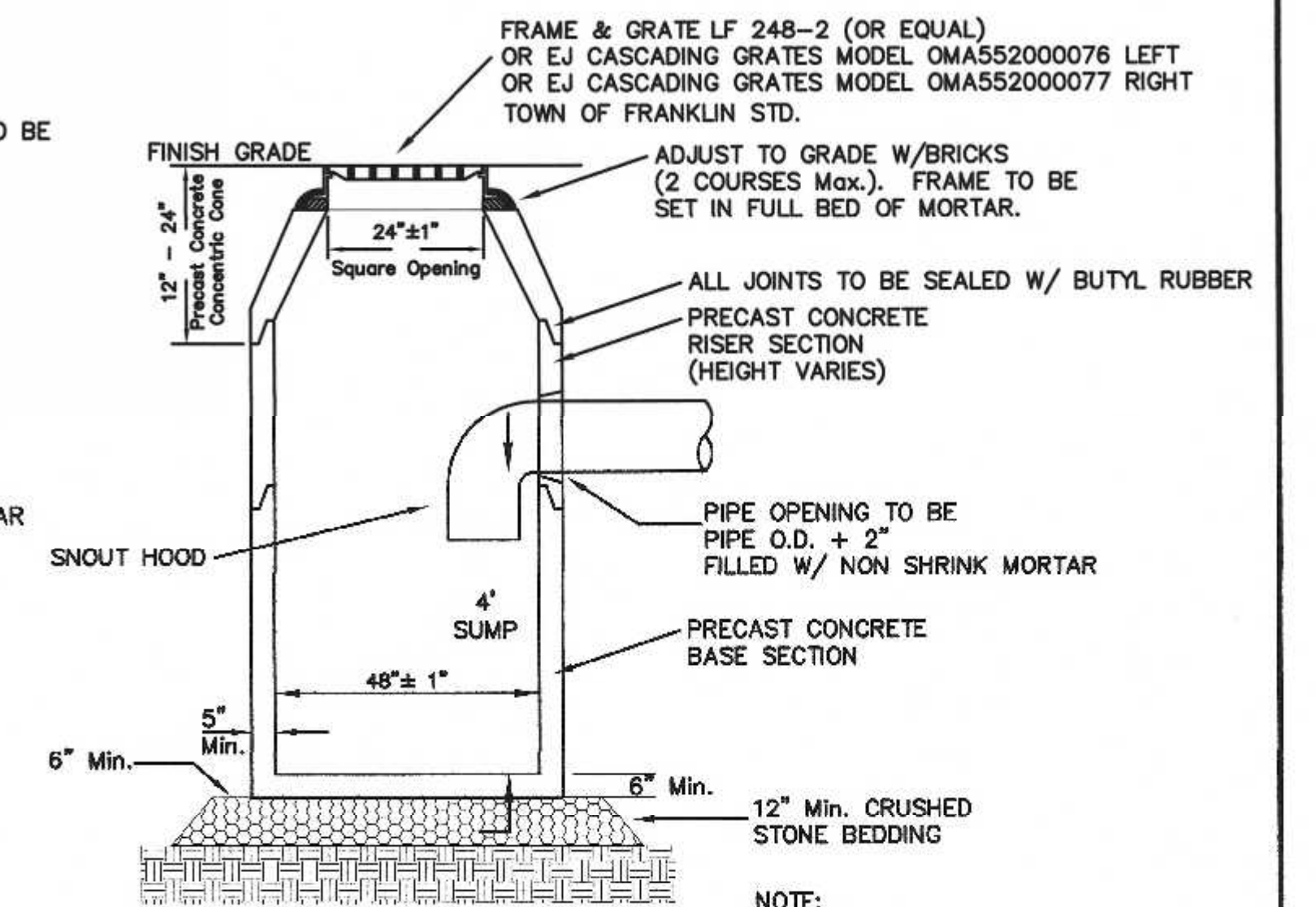
UTILITY TRENCH DETAIL



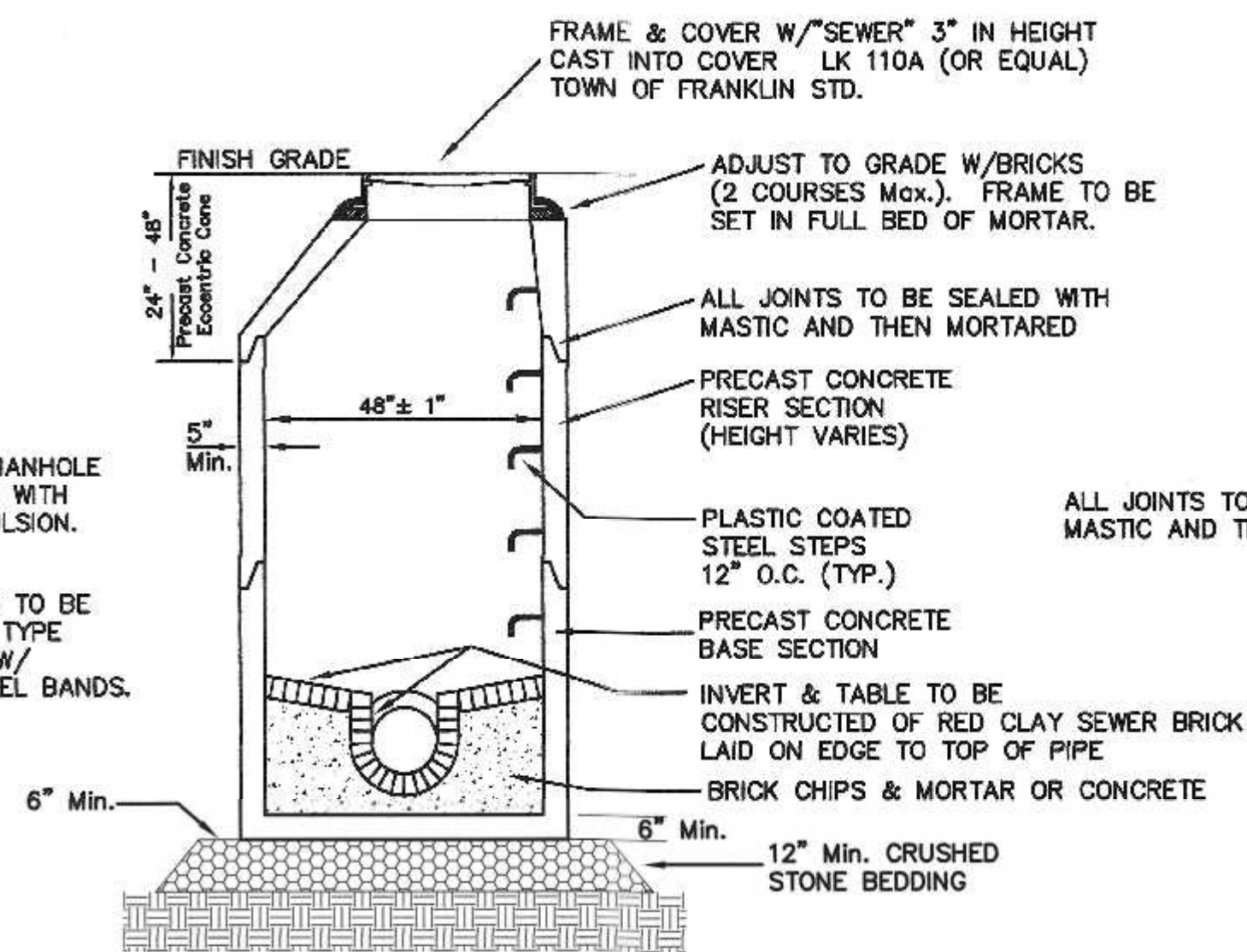
NOTE:
DMH'S 7, 8 AND 9
SHALL BE 5' DIAMETER



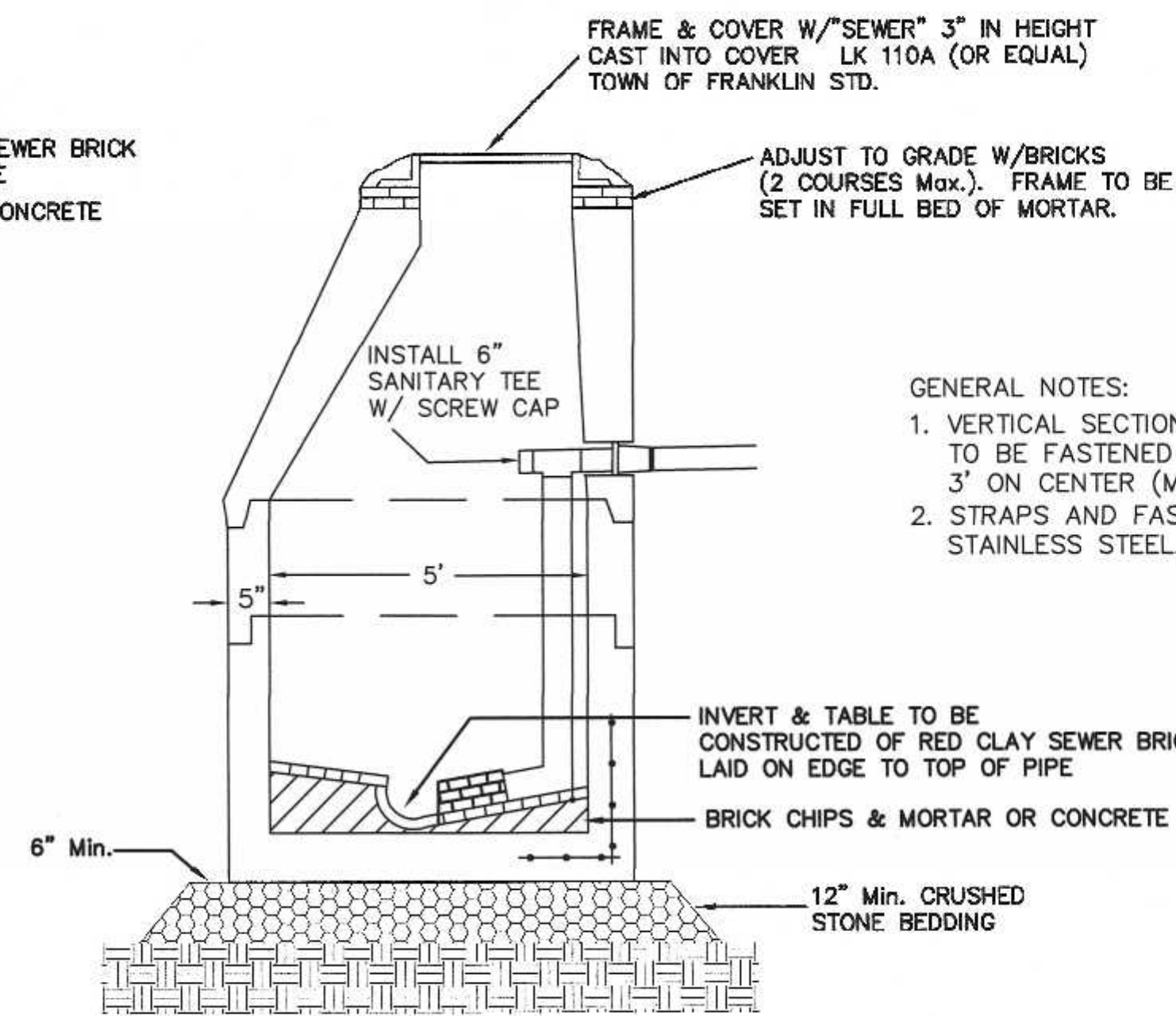
CB - 41 CB - 43 AND CB - 51



NOTE:
CATCH BASINS 4, 5, 6, 7, 8, 13, 14,
15 AND 16 SHALL HAVE CASCADING
GRATES.

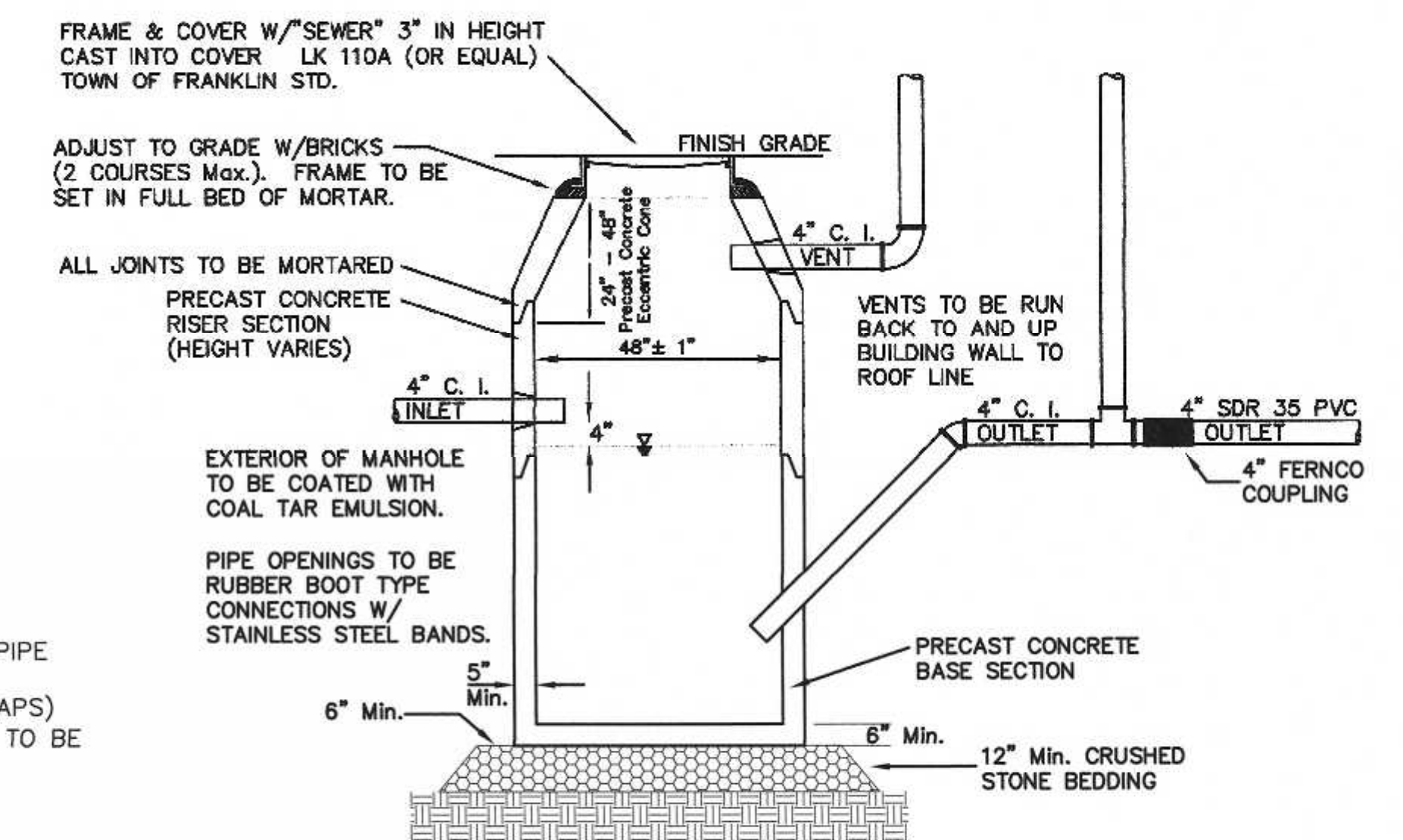


ALL JOINTS TO BE SEALED WITH
MASTIC AND THEN MORTARED



DROP SEWER MANHOLE

NTS
SMH 13 AND SMH 14



CONTRACTOR TO CONFIRM EXISTING
ELEVATIONS AT CONNECTION POINT
AND NOTIFY THE DESIGN ENGINEER.

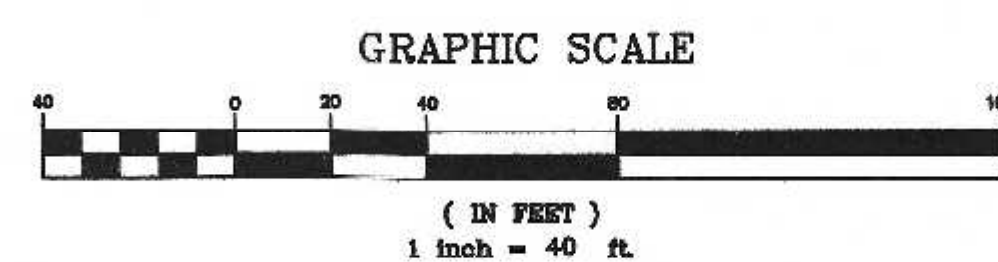
SEWER PIPE TO BE 8" SDR 35.
SEWER PIPE SIZE AND TYPE WITHIN
10 FEET OF THE BUILDING SHALL BE
PROVIDED BY THE PLUMBING
ENGINEER.

MDC MANHOLE VENTING TO BE
CONNECTED TO THE BUILDING AT
THE DISCRETION OF THE PLUMBING
ENGINEER.

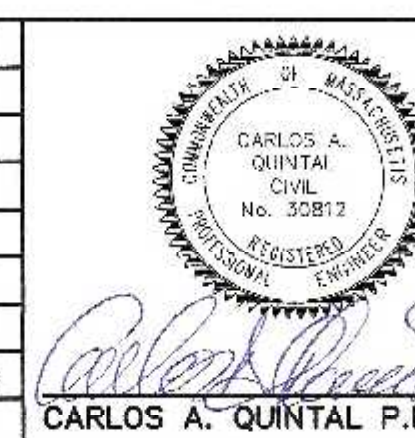
CONSTRUCTION DETAILS - 1
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE



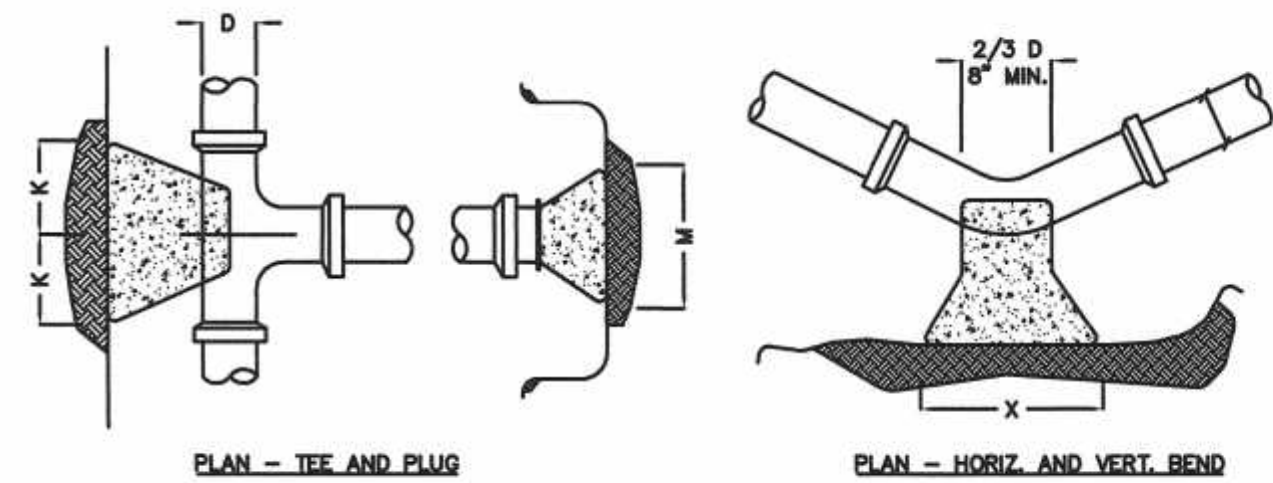
NO.	DATE	REVIEW COMMENTS	BY
1	6/20/25	REVIEW COMMENTS	RRG
		DESCRIPTION	



DATE	FIELD BY:	INT.
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12/24	DRAWN BY:	COMP
12/24	CHECKED BY:	CAQ

UNITED
CONSULTANTS
INC.
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-364-8560 FAX 508-364-8566

DATE	DEC. 13, 2024
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PROJECT	UC1378
SHEET	14 OF 17



SIZE OF BRANCH		J	K	L	M	N	O
4" TO 6"	10"	10"	1'-0"	2'-0"	1'-8"	10"	
10" TO 16"	1'-0"	1'-8"	1'-8"	3'-10"	2'-10"	1'-8"	
24"	1'-4"	2'-0"	2'-6"	5'-0"	3'-8"	1'-8"	

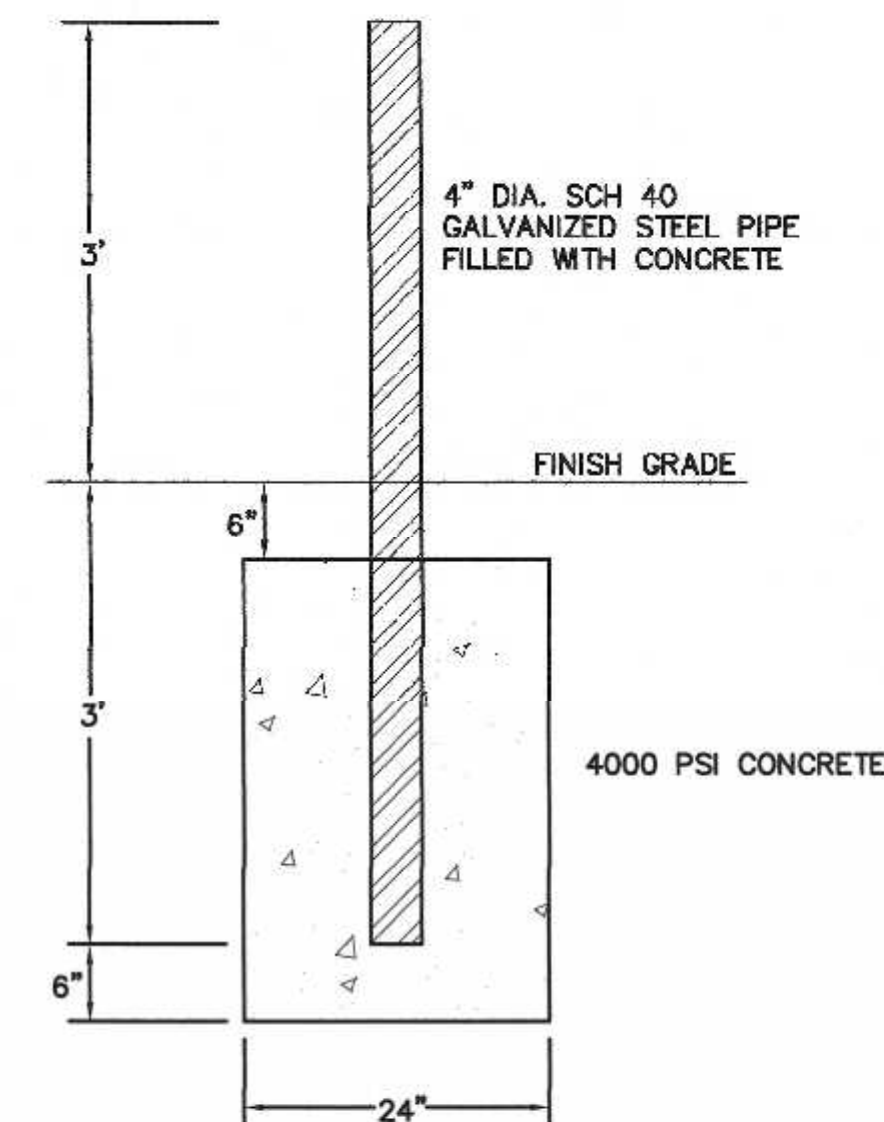
TEES AND PLUGS

90 & 45 BENDS		22 1/2 & 11 1/4	
D	4" TO 6"	10" TO 16"	24"
X	1'-8"	3'-4"	3'-8"
Y	1'-2"	1'-8"	2'-4"

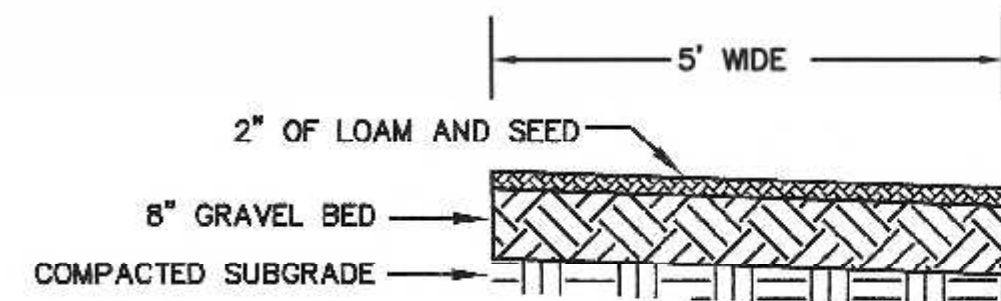
BENDS

THRUST BLOCK DETAILS

- NOTES:
- CONTRACTOR TO CONTACT DIGSAFE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - CONTRACTOR TO VERIFY LOCATIONS OF EXISTING UTILITIES ANY REPORT ANY DISCREPANCIES TO UNITED CONSULTANTS, INC.
 - ALL WORK SHALL CONFORM TO THE TOWN OF FRANKLIN DPW STANDARDS.
 - MAINTAIN A MINIMUM OF 10' SEPARATION FROM THE WATER SERVICE TO THE SEWER SERVICE.

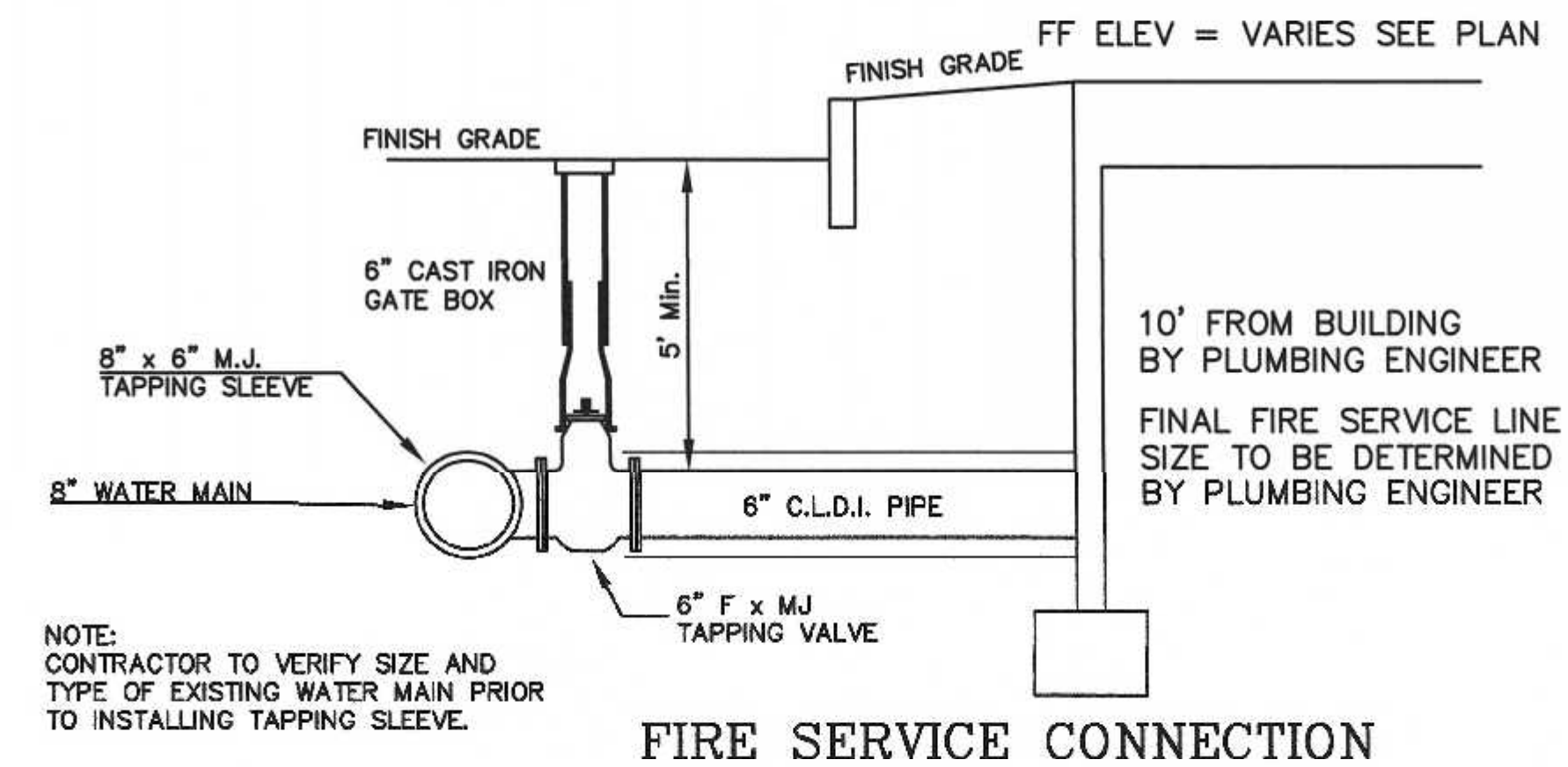
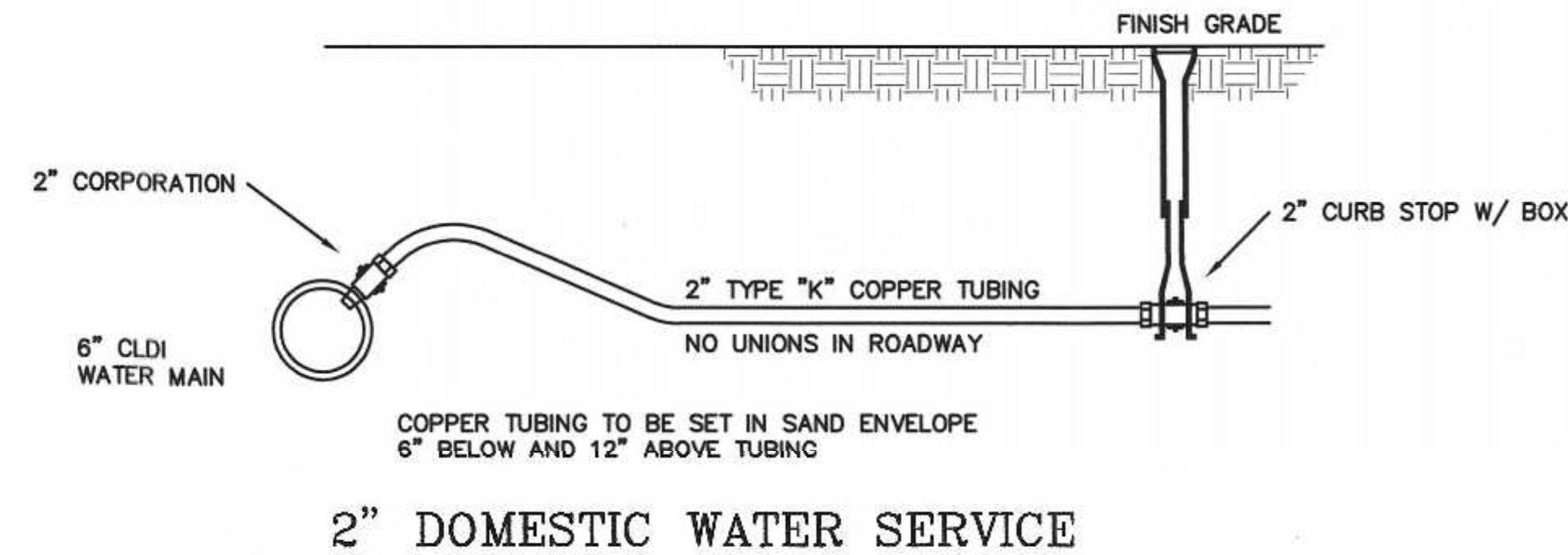


BOLLARD DETAIL

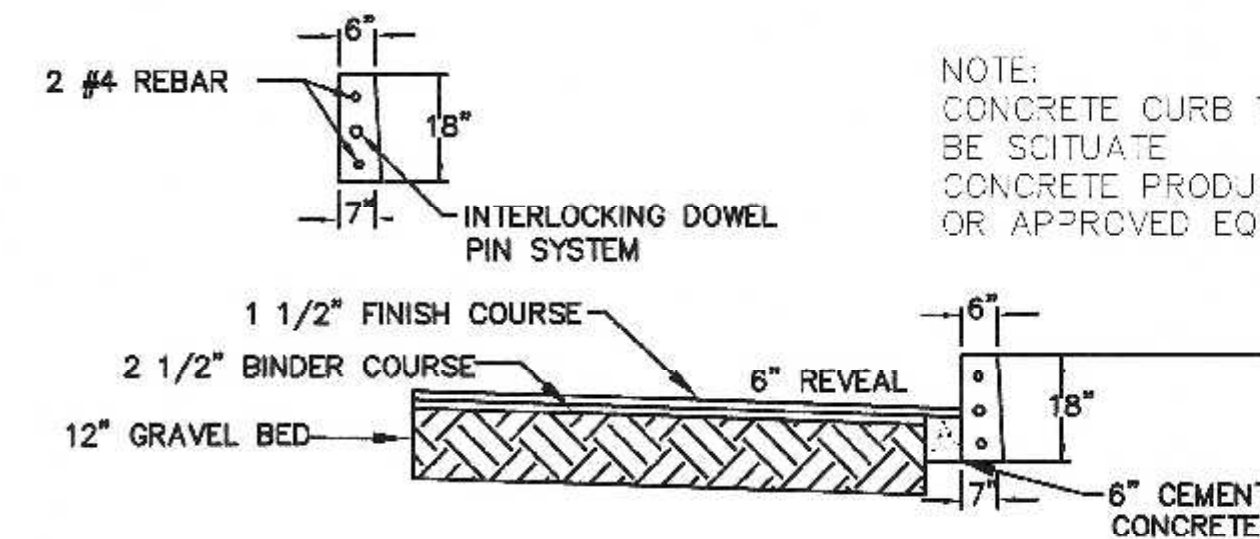


PEDESTRIAN TRAIL DETAIL

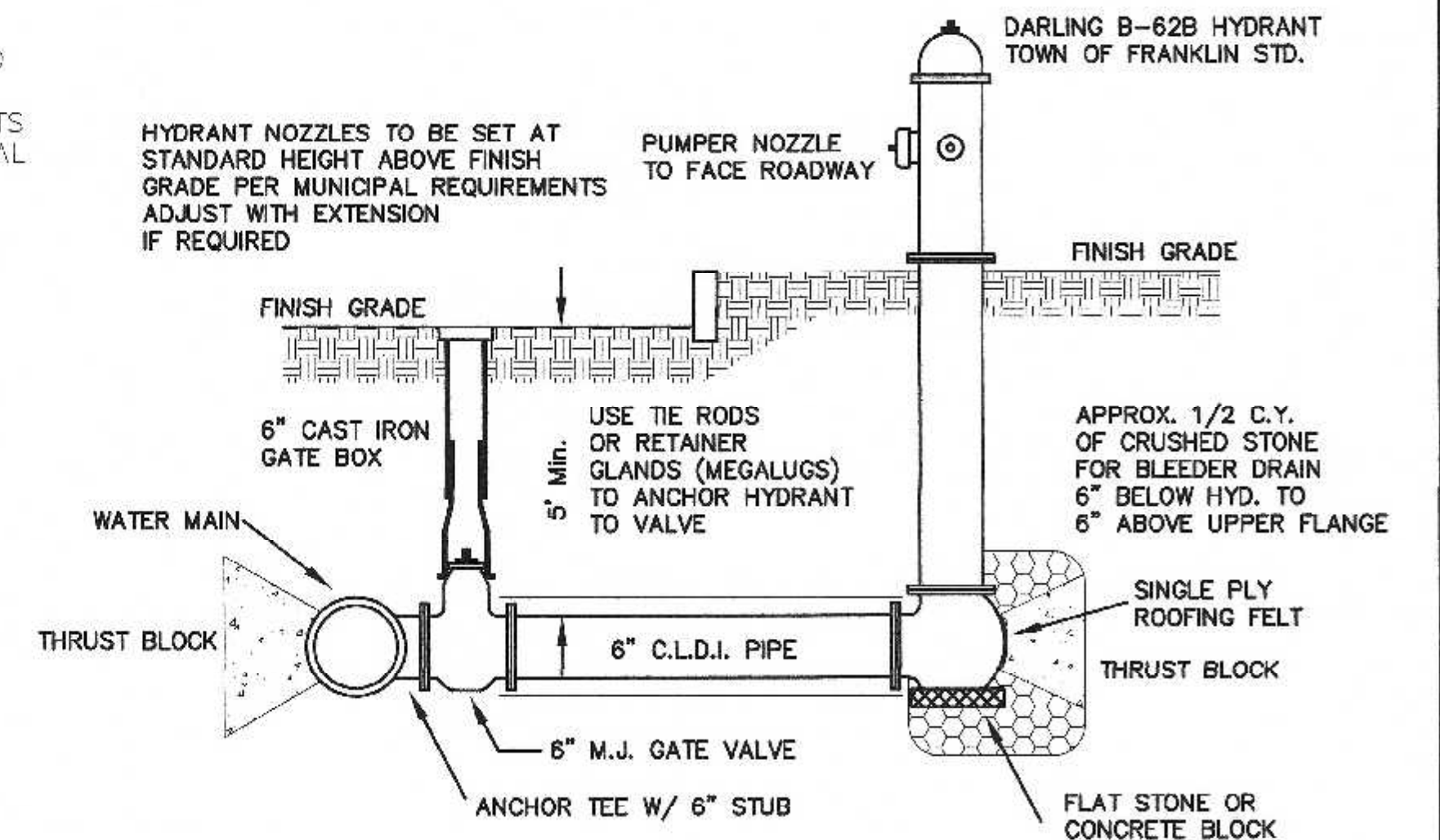
- PEDESTRIAN TRAIL NOTES:
- PROPOSED TRAIL CROSS SLOPE SHALL NOT EXCEED 1.5%.
 - PROPOSED TRAIL LONGITUDINAL SLOPE NOT TO EXCEED 1 IN 12.



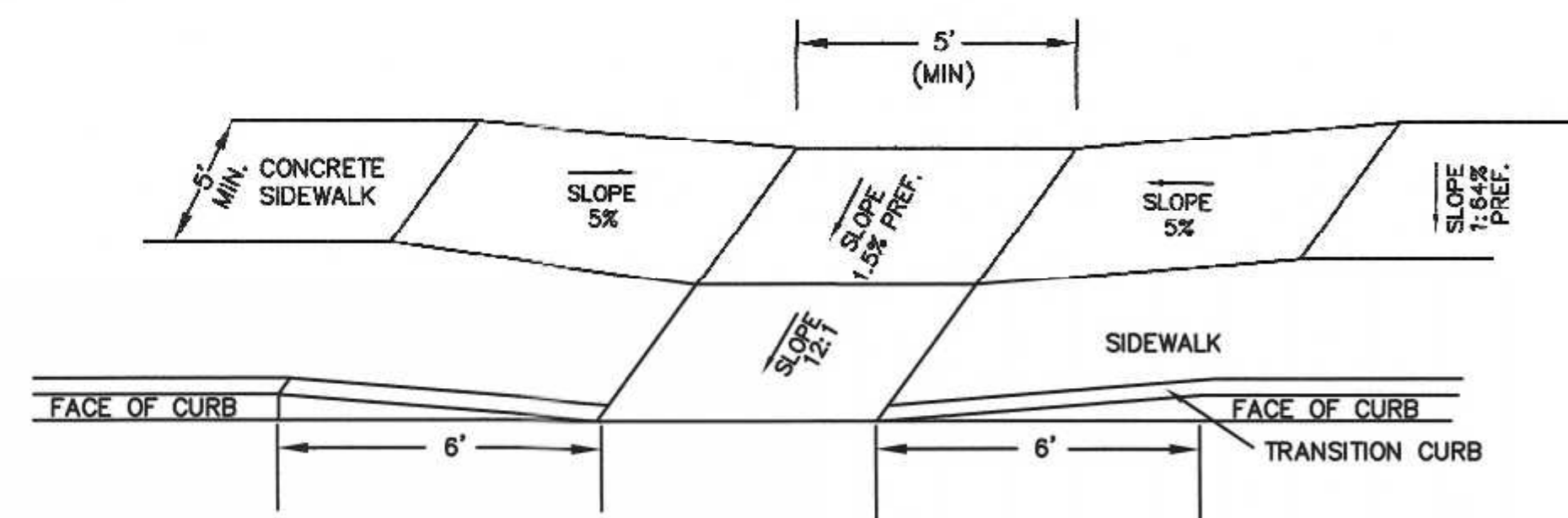
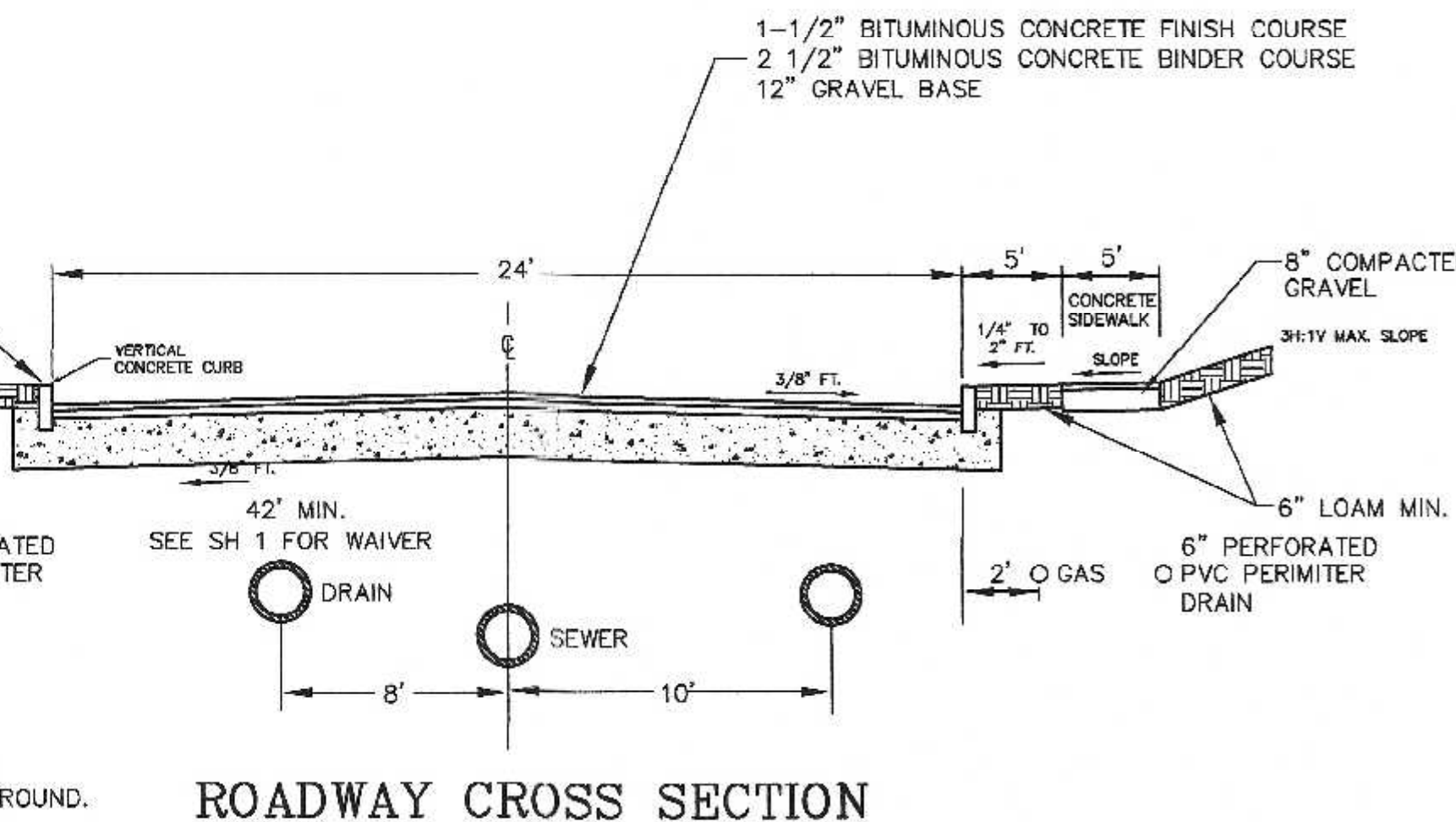
NOTE: CONTRACTOR TO VERIFY SIZE AND TYPE OF EXISTING WATER MAIN PRIOR TO INSTALLING TAPPING SLEEVE.



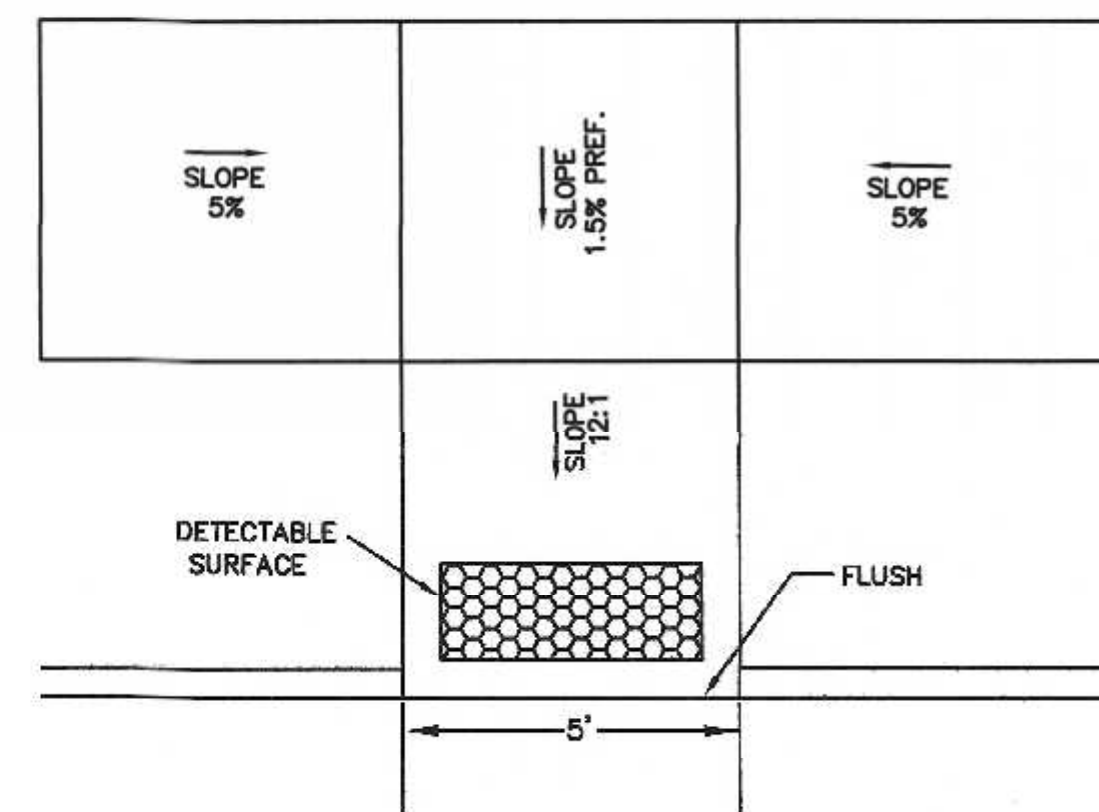
NOTE: CONCRETE CURB TO BE SITUATE CONCRETE PRODUCTS OR APPROVED EQUAL



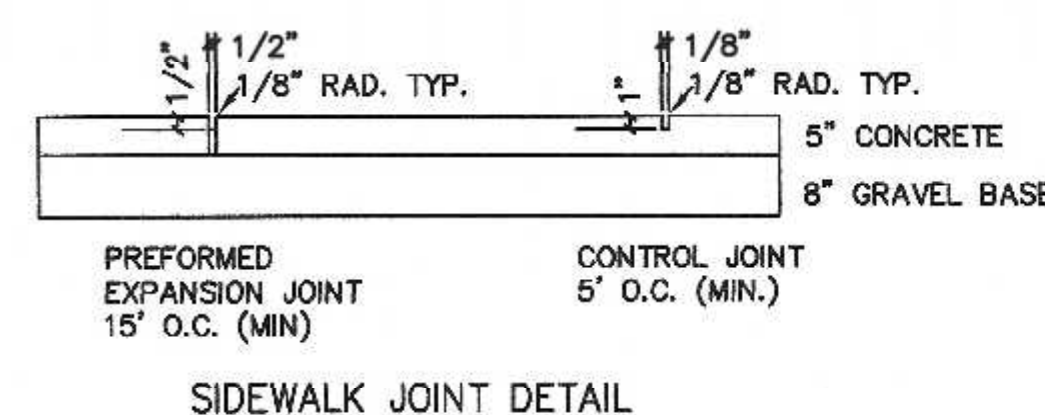
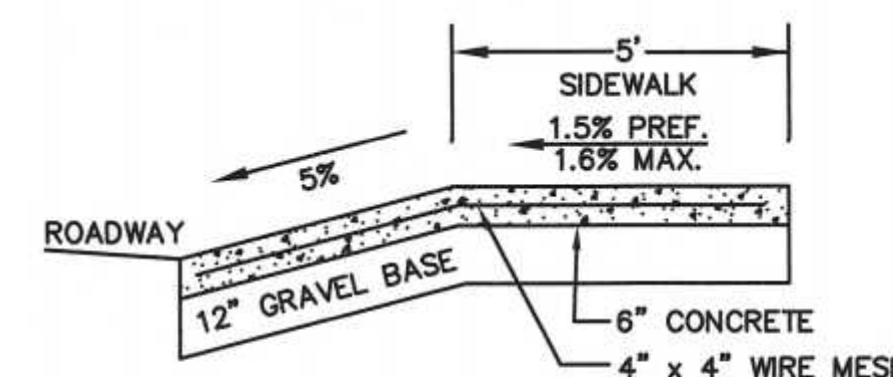
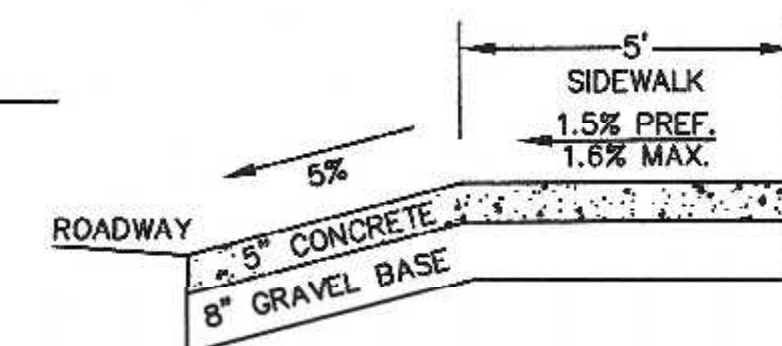
- GENERAL NOTES:
- ALL BLASTING OPERATIONS SHALL BE PERFORMED IN COMPLIANCE WITH ALL TOWN, STATE AND FEDERAL REGULATIONS.
 - ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE TOWN OF FRANKLIN SUBDIVISION RULES AND REGULATIONS AND MASS DOT STANDARDS.
 - LOTS TO BE SERVICED BY ON TOWN WATER AND SEWER.
 - ALL DRAIN PIPE SHALL BE CLASS V REINFORCED CONCRETE PIPE WHERE THERE IS GREATER THAN 3.5' OF COVER. SEE PROFILES FOR PIPE CLASS.
 - MINIMUM DRAIN PIPE DIAMETER IS 12".
 - IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN EROSION CONTROL DEVICES DURING CONSTRUCTION.
 - EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCING WITH CONSTRUCTION.
 - TALL PIPE GASKETS SHALL BE PRE-MOLDED NEOPRENE O-RING TYPE IN ACCORDANCE WITH SUBDIVISION REGULATION 300-11B(2)(a).



- CROSS SLOPE ON ANY RAMP, LANDING OR ACCESSIBLE ROUTE SHALL NOT EXCEED 3/16" PER FOOT.
- DETECTABLE SURFACES TO BE INSTALLED AT SIDEWALK RAMP ONLY.



TYP. SIDEWALK RAMP

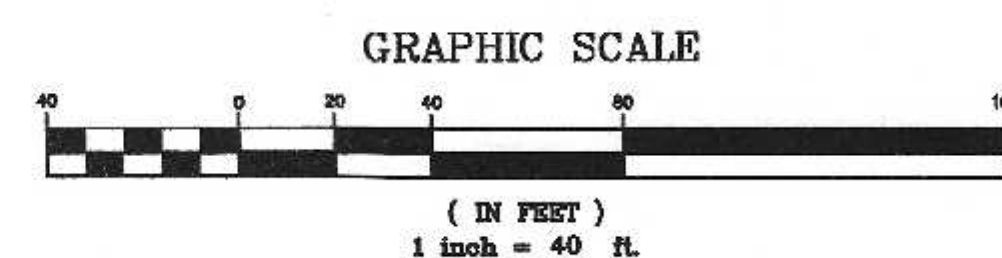


- CONCRETE TO BE 4,000 PSI.
- CONCRETE SHALL BE PLANT MIXED, PLACED, FLOATED, TROWELED AND BROOM FINISHED.
- CURING AND SEALING COMPOUND SHALL BE APPLIED.

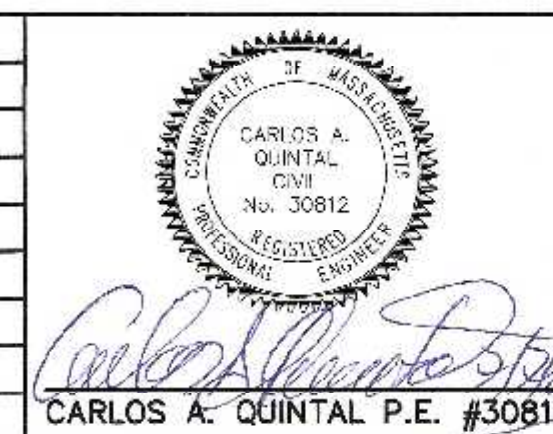
CONSTRUCTION DETAILS - 2
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

SITE PLAN APPROVAL
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UNITED CONSULTANTS INC.

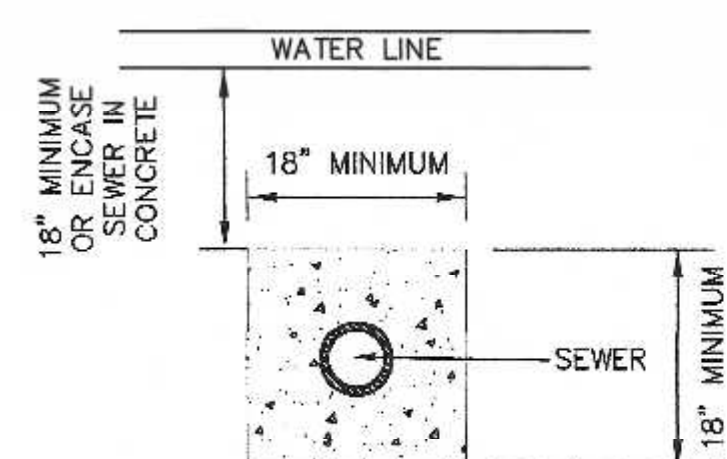
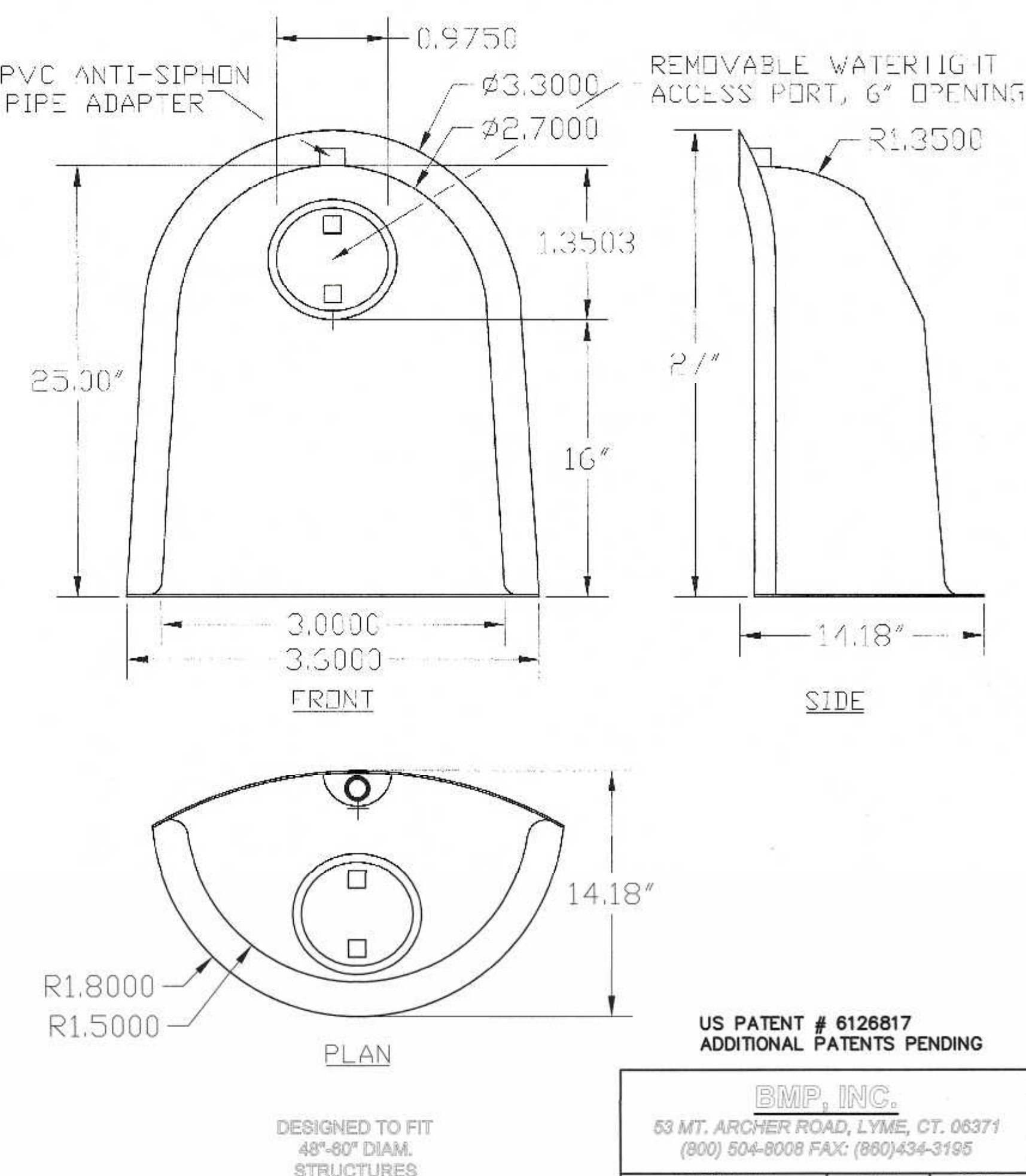
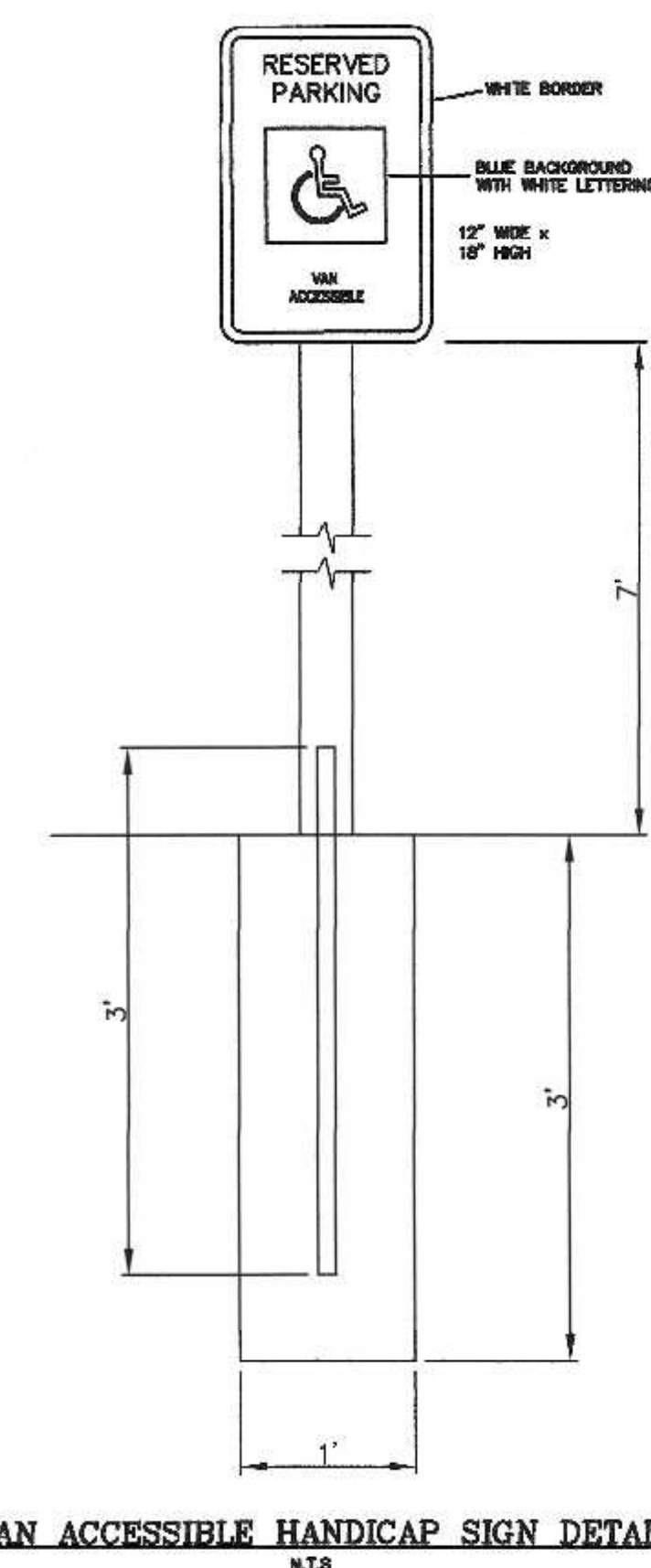
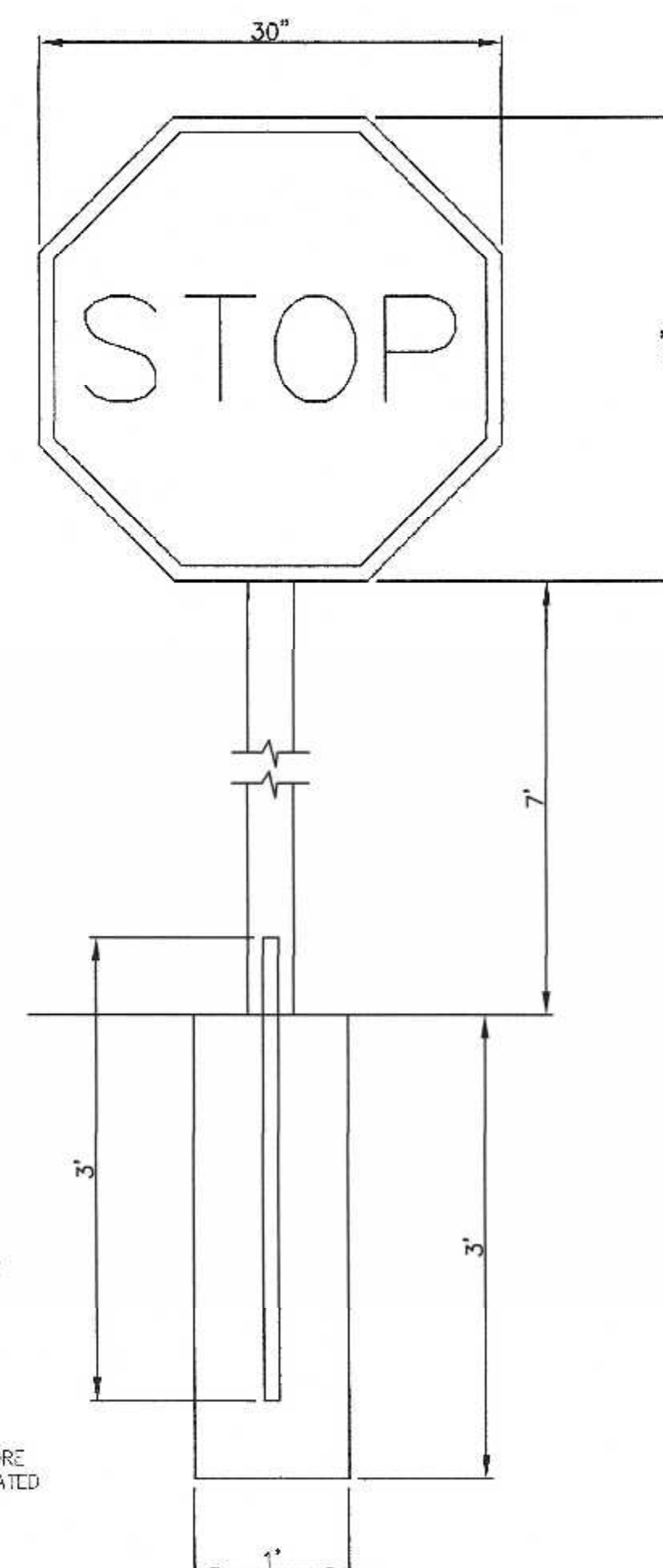
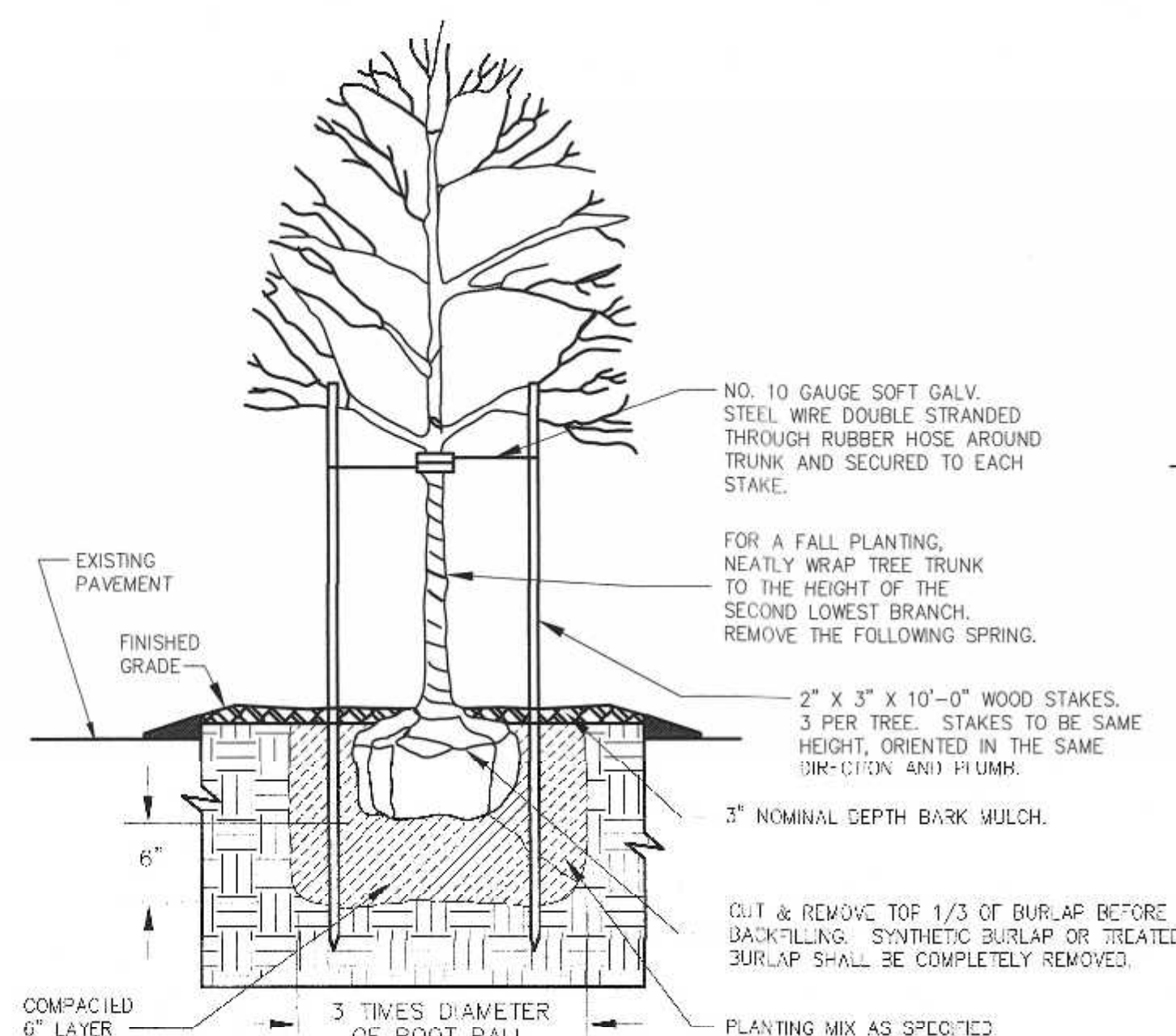
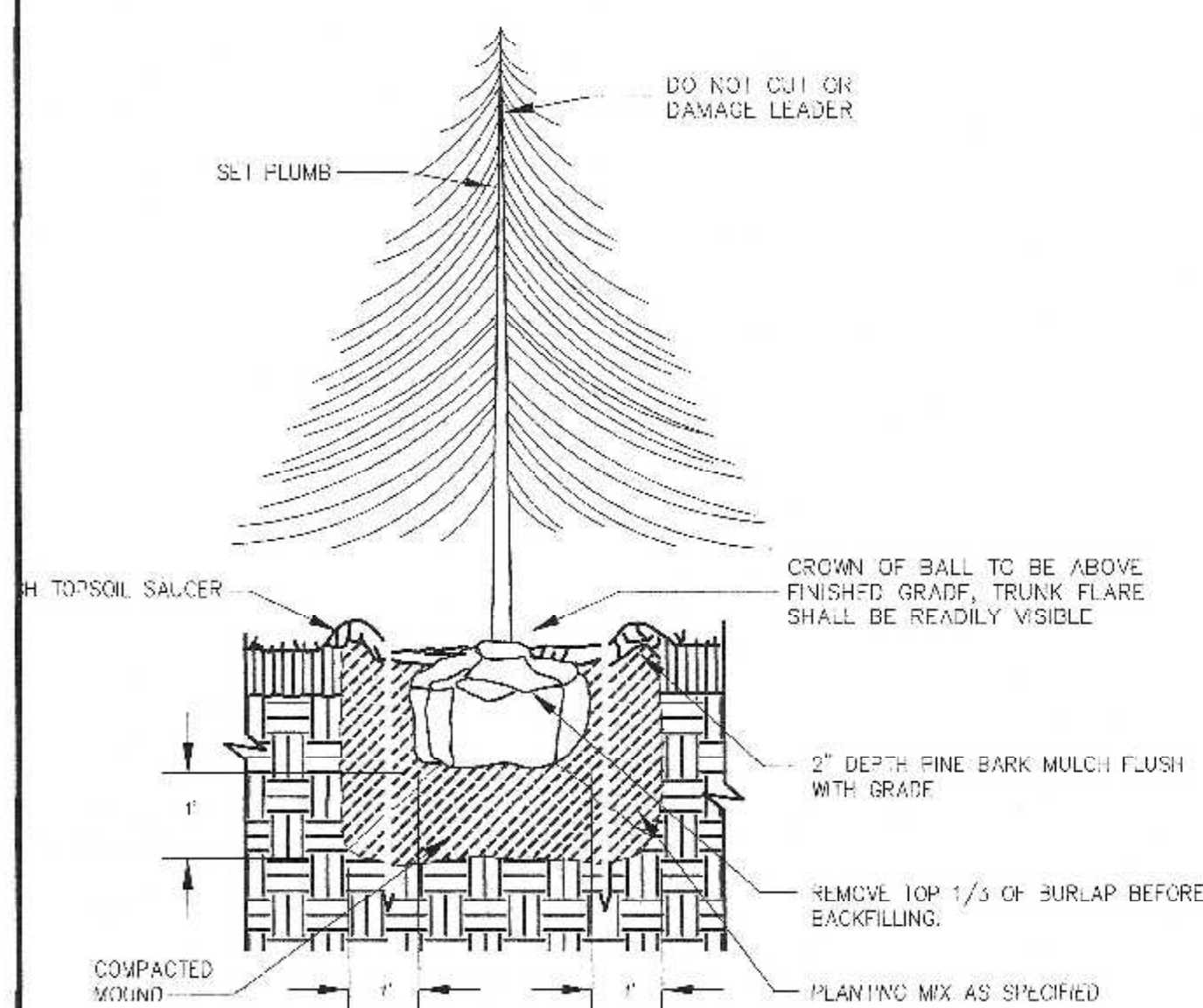
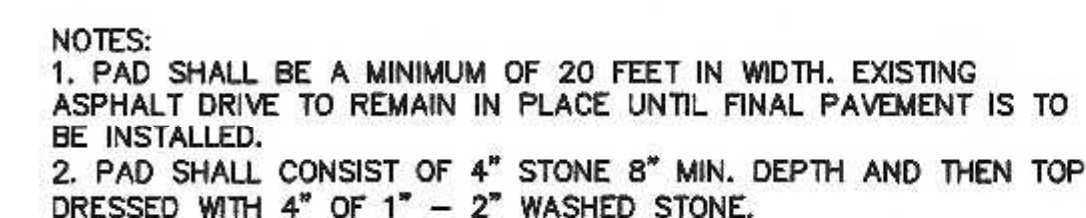
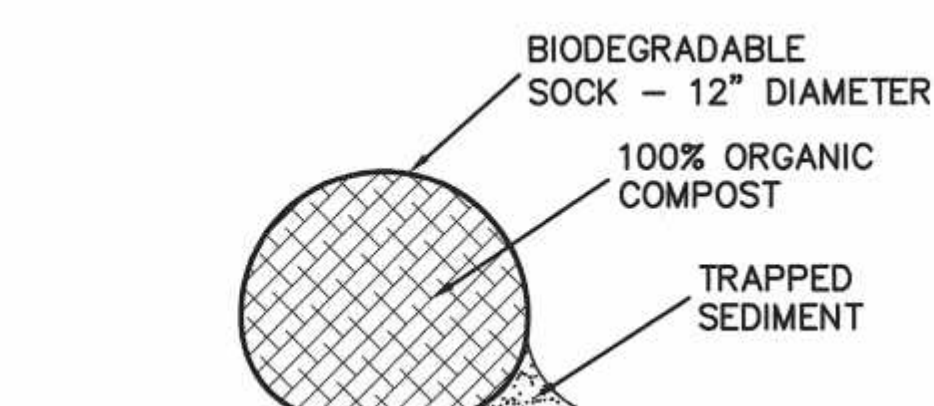
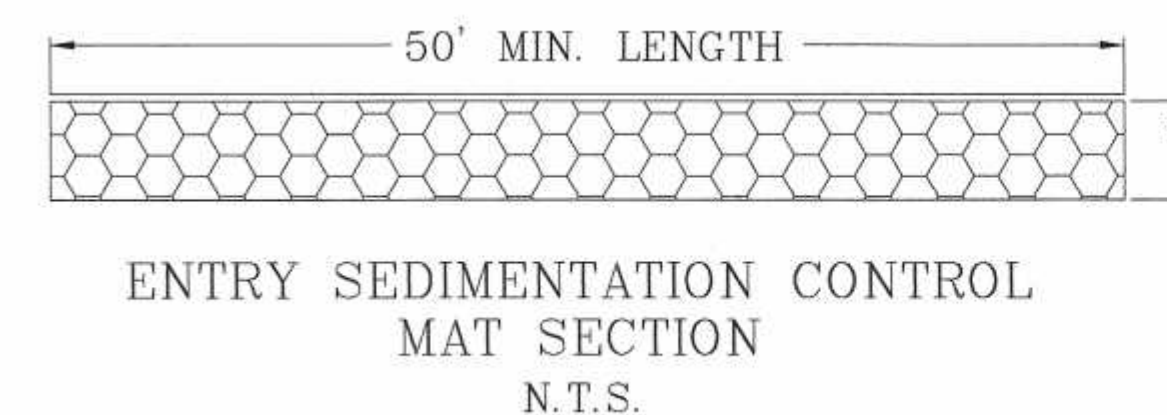
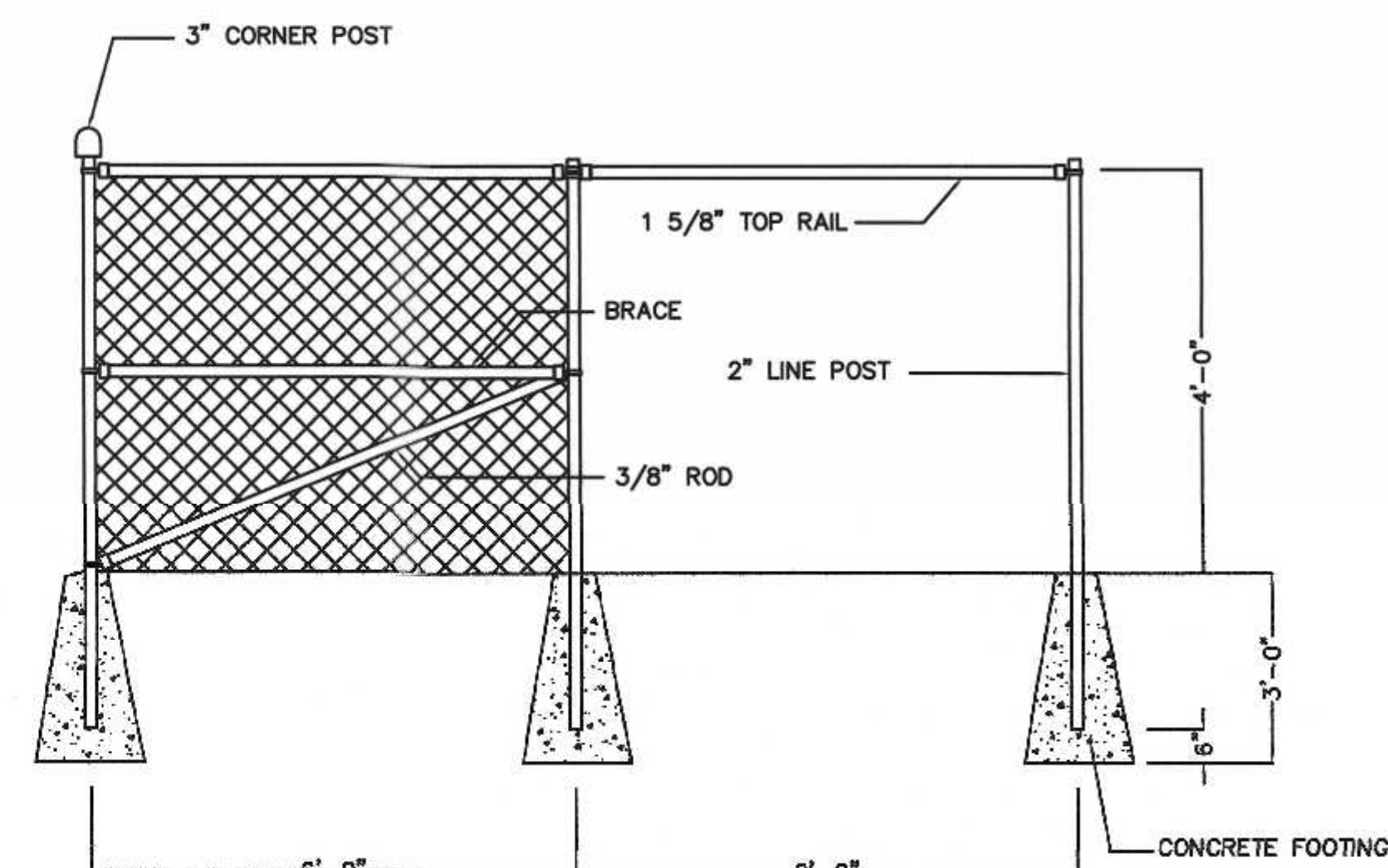
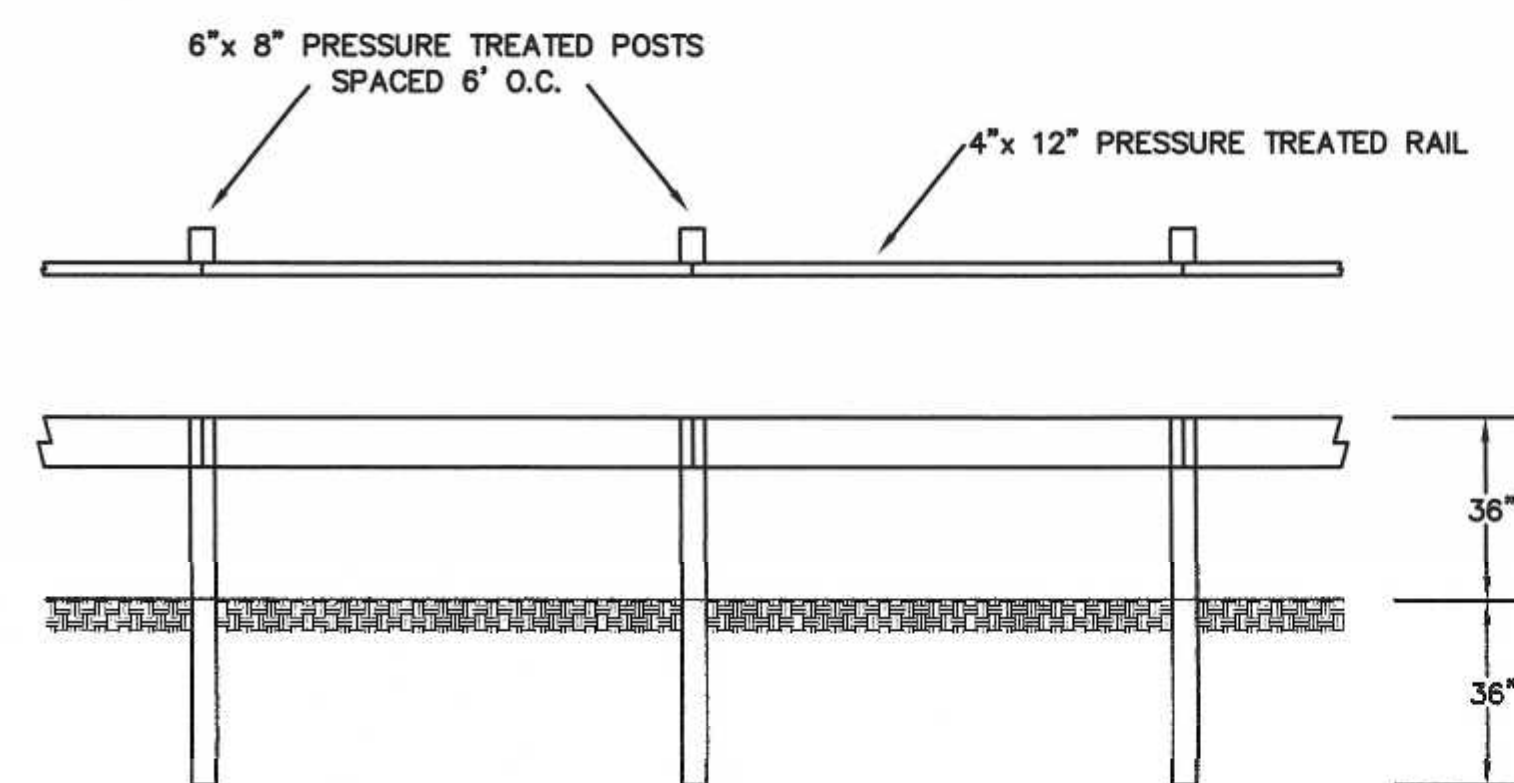
850 FRANKLIN STREET SUITE 11D
WRENTHAM, MASSACHUSETTS 02093
508-384-6560 FAX 508-384-6566

DATE
DEC. 13, 2024

SCALE
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PROJECT
UC1378

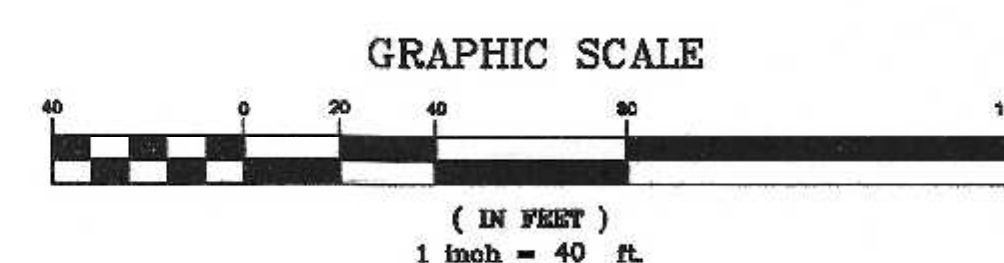
SHEET
15 OF 17



SEWER AND WATER CROSSING DETAIL

SITE PLAN APPROVAL
REQUIRED
FRANKLIN PLANNING BOARD

DATE _____

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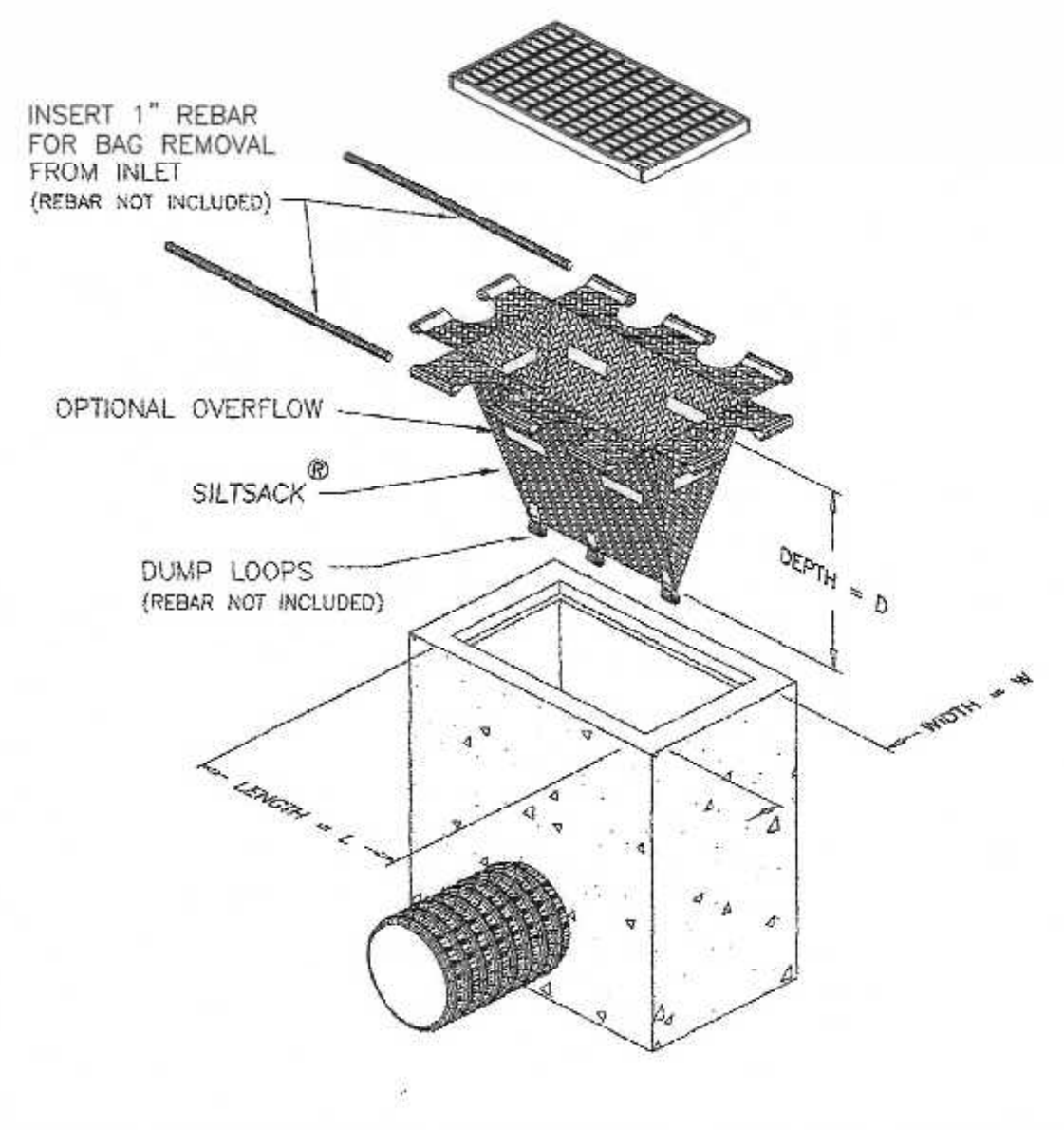
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12/24	DRAWN BY:	COM
12/24	CHECKED BY:	CAC

**UNITED
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INC.**
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508-384-6560 FAX 508-384-6566

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SHEET	16 OF 17

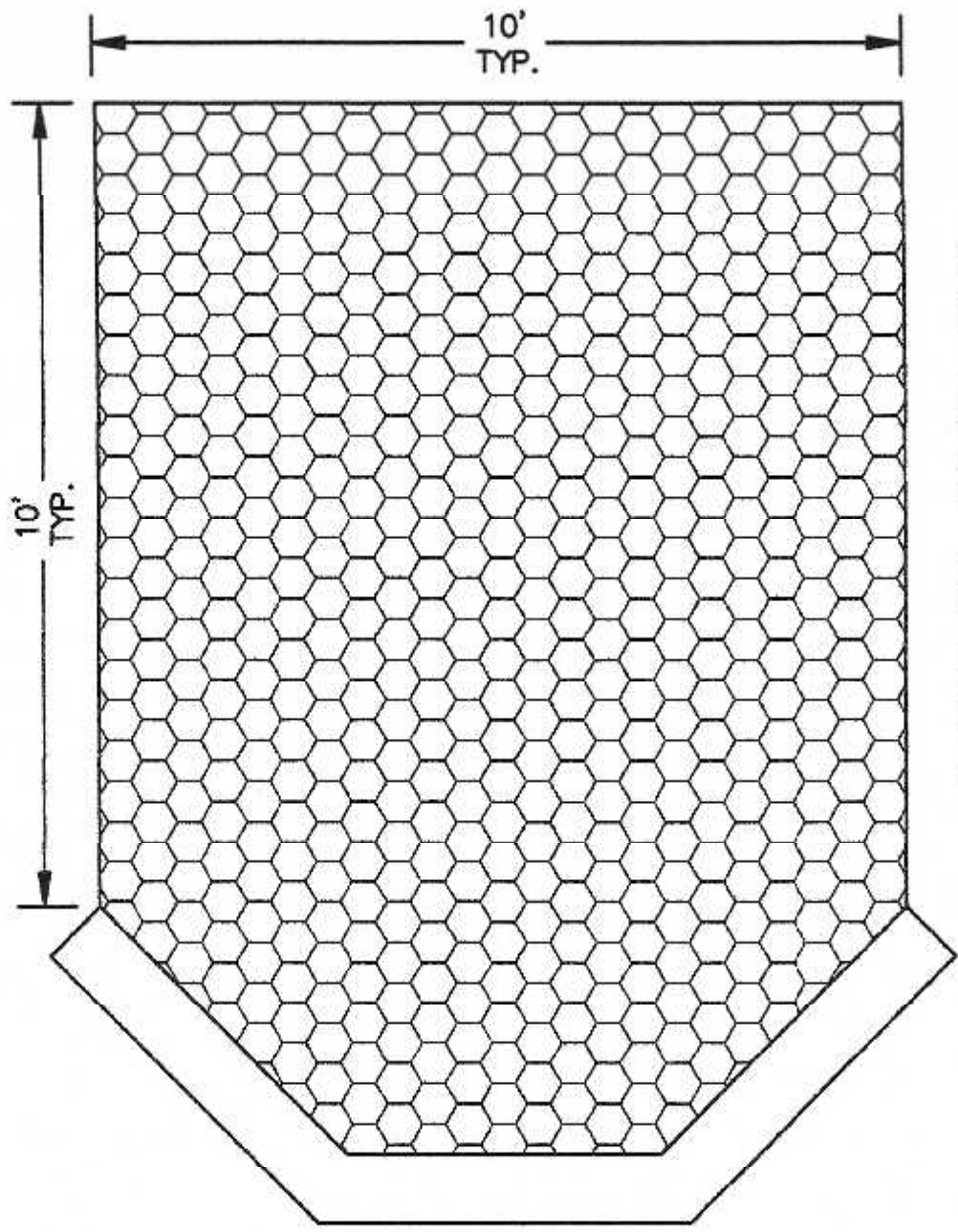
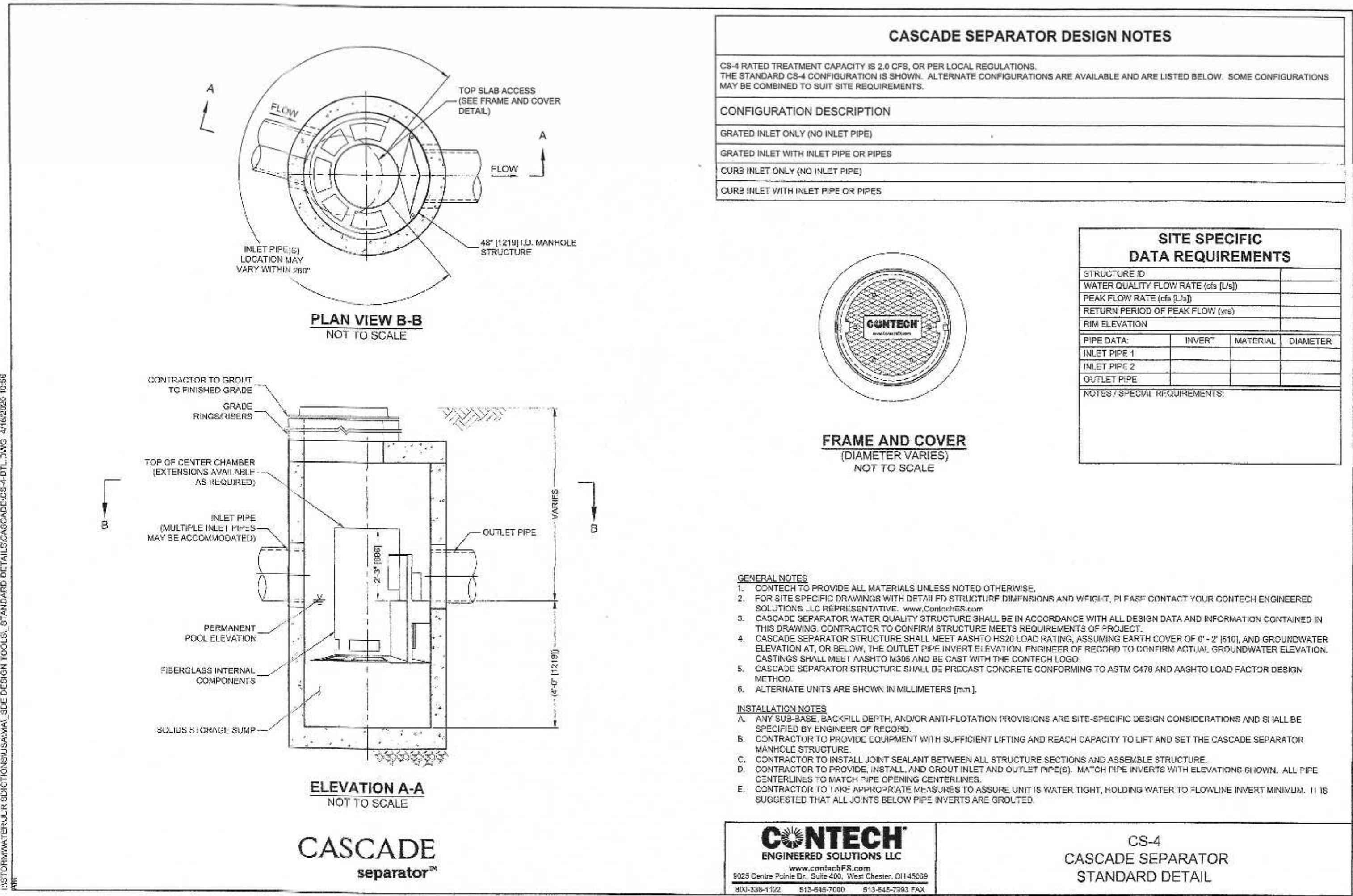
CONSTRUCTION DETAILS - 3
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
DECEMBER 13, 2024
SCALE: 1" = 40'

Typical Siltsack® Construction - Type B



SILT SAK DETAIL
N.T.S.

1. STANDARD DETAIL SECTION (SEE DETAIL) 2. STANDARD DETAIL SECTION (SEE DETAIL) 3. STANDARD DETAIL SECTION (SEE DETAIL) 4. STANDARD DETAIL SECTION (SEE DETAIL) 5. STANDARD DETAIL SECTION (SEE DETAIL) 6. STANDARD DETAIL SECTION (SEE DETAIL) 7. STANDARD DETAIL SECTION (SEE DETAIL) 8. STANDARD DETAIL SECTION (SEE DETAIL) 9. STANDARD DETAIL SECTION (SEE DETAIL) 10. STANDARD DETAIL SECTION (SEE DETAIL) 11. STANDARD DETAIL SECTION (SEE DETAIL) 12. STANDARD DETAIL SECTION (SEE DETAIL) 13. STANDARD DETAIL SECTION (SEE DETAIL) 14. STANDARD DETAIL SECTION (SEE DETAIL) 15. STANDARD DETAIL SECTION (SEE DETAIL) 16. STANDARD DETAIL SECTION (SEE DETAIL) 17. STANDARD DETAIL SECTION (SEE DETAIL) 18. STANDARD DETAIL SECTION (SEE DETAIL) 19. STANDARD DETAIL SECTION (SEE DETAIL) 20. STANDARD DETAIL SECTION (SEE DETAIL) 21. STANDARD DETAIL SECTION (SEE DETAIL) 22. STANDARD DETAIL SECTION (SEE DETAIL) 23. STANDARD DETAIL SECTION (SEE DETAIL) 24. STANDARD DETAIL SECTION (SEE DETAIL) 25. STANDARD DETAIL SECTION (SEE DETAIL) 26. STANDARD DETAIL SECTION (SEE DETAIL) 27. STANDARD DETAIL SECTION (SEE DETAIL) 28. STANDARD DETAIL SECTION (SEE DETAIL) 29. STANDARD DETAIL SECTION (SEE DETAIL) 30. STANDARD DETAIL SECTION (SEE DETAIL) 31. STANDARD DETAIL SECTION (SEE DETAIL) 32. STANDARD DETAIL SECTION (SEE DETAIL) 33. STANDARD DETAIL SECTION (SEE DETAIL) 34. STANDARD DETAIL SECTION (SEE DETAIL) 35. STANDARD DETAIL SECTION (SEE DETAIL) 36. STANDARD DETAIL SECTION (SEE DETAIL) 37. STANDARD DETAIL SECTION (SEE DETAIL) 38. STANDARD DETAIL SECTION (SEE DETAIL) 39. STANDARD DETAIL SECTION (SEE DETAIL) 40. STANDARD DETAIL SECTION (SEE DETAIL) 41. STANDARD DETAIL SECTION (SEE DETAIL) 42. STANDARD DETAIL SECTION (SEE DETAIL) 43. STANDARD DETAIL SECTION (SEE DETAIL) 44. STANDARD DETAIL SECTION (SEE DETAIL) 45. STANDARD DETAIL SECTION (SEE DETAIL) 46. STANDARD DETAIL SECTION (SEE DETAIL) 47. STANDARD DETAIL SECTION (SEE DETAIL) 48. STANDARD DETAIL SECTION (SEE DETAIL) 49. STANDARD DETAIL SECTION (SEE DETAIL) 50. STANDARD DETAIL SECTION (SEE DETAIL) 51. STANDARD DETAIL SECTION (SEE DETAIL) 52. STANDARD DETAIL SECTION (SEE DETAIL) 53. STANDARD DETAIL SECTION (SEE DETAIL) 54. STANDARD DETAIL SECTION (SEE DETAIL) 55. STANDARD DETAIL SECTION (SEE DETAIL) 56. STANDARD DETAIL SECTION (SEE DETAIL) 57. STANDARD DETAIL SECTION (SEE DETAIL) 58. STANDARD DETAIL SECTION (SEE DETAIL) 59. STANDARD DETAIL SECTION (SEE DETAIL) 60. STANDARD DETAIL SECTION (SEE DETAIL) 61. STANDARD DETAIL SECTION (SEE DETAIL) 62. STANDARD DETAIL SECTION (SEE DETAIL) 63. STANDARD DETAIL SECTION (SEE DETAIL) 64. STANDARD DETAIL SECTION (SEE DETAIL) 65. STANDARD DETAIL SECTION (SEE DETAIL) 66. STANDARD DETAIL SECTION (SEE DETAIL) 67. STANDARD DETAIL SECTION (SEE DETAIL) 68. STANDARD DETAIL SECTION (SEE DETAIL) 69. STANDARD DETAIL SECTION (SEE DETAIL) 70. STANDARD DETAIL SECTION (SEE DETAIL) 71. STANDARD DETAIL SECTION (SEE DETAIL) 72. STANDARD DETAIL SECTION (SEE DETAIL) 73. STANDARD DETAIL SECTION (SEE DETAIL) 74. STANDARD DETAIL SECTION (SEE DETAIL) 75. STANDARD DETAIL SECTION (SEE DETAIL) 76. STANDARD DETAIL SECTION (SEE DETAIL) 77. STANDARD DETAIL SECTION (SEE DETAIL) 78. STANDARD DETAIL SECTION (SEE DETAIL) 79. STANDARD DETAIL SECTION (SEE DETAIL) 80. STANDARD DETAIL SECTION (SEE DETAIL) 81. STANDARD DETAIL SECTION (SEE DETAIL) 82. STANDARD DETAIL SECTION (SEE DETAIL) 83. STANDARD DETAIL SECTION (SEE DETAIL) 84. STANDARD DETAIL SECTION (SEE DETAIL) 85. STANDARD DETAIL SECTION (SEE DETAIL) 86. STANDARD DETAIL SECTION (SEE DETAIL) 87. STANDARD DETAIL SECTION (SEE DETAIL) 88. STANDARD DETAIL SECTION (SEE DETAIL) 89. STANDARD DETAIL SECTION (SEE DETAIL) 90. STANDARD DETAIL SECTION (SEE DETAIL) 91. STANDARD DETAIL SECTION (SEE DETAIL) 92. STANDARD DETAIL SECTION (SEE DETAIL) 93. STANDARD DETAIL SECTION (SEE DETAIL) 94. STANDARD DETAIL SECTION (SEE DETAIL) 95. STANDARD DETAIL SECTION (SEE DETAIL) 96. STANDARD DETAIL SECTION (SEE DETAIL) 97. STANDARD DETAIL SECTION (SEE DETAIL) 98. STANDARD DETAIL SECTION (SEE DETAIL) 99. STANDARD DETAIL SECTION (SEE DETAIL) 100. STANDARD DETAIL SECTION (SEE DETAIL)

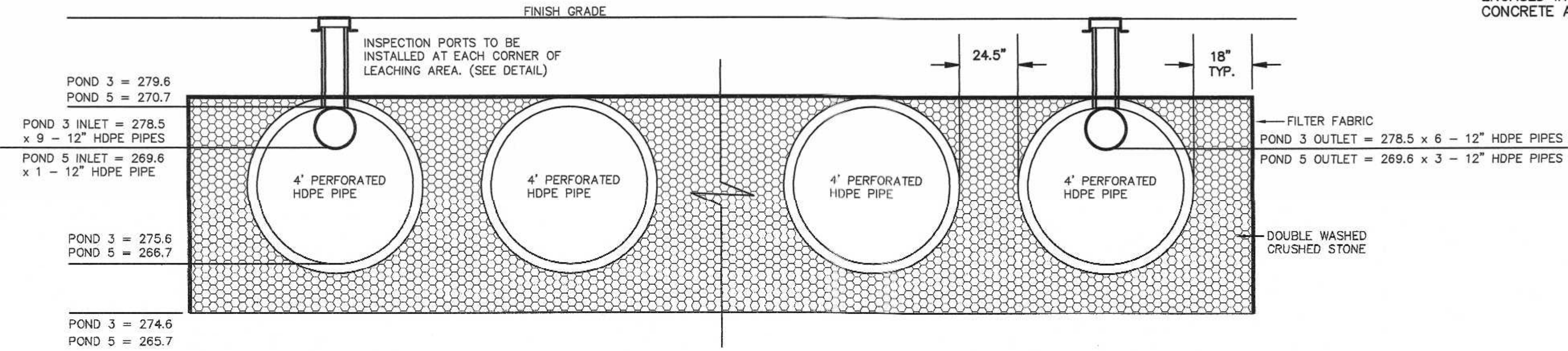


RIP RAP AT HEADWALL
N.T.S.

PIPE OUTLET PROTECTION NOTES:
HW-30 AND OUTLET 32
1. RIP RAP TO BE MAXIMUM OF 18"
AVERAGE OF 12" AND MINIMUM OF 6".
2. RIP RAP TO BE PLACED OVER A FILTER
FABRIC.
3. RIP RAP MINIMUM DEPTH SHALL BE 24"

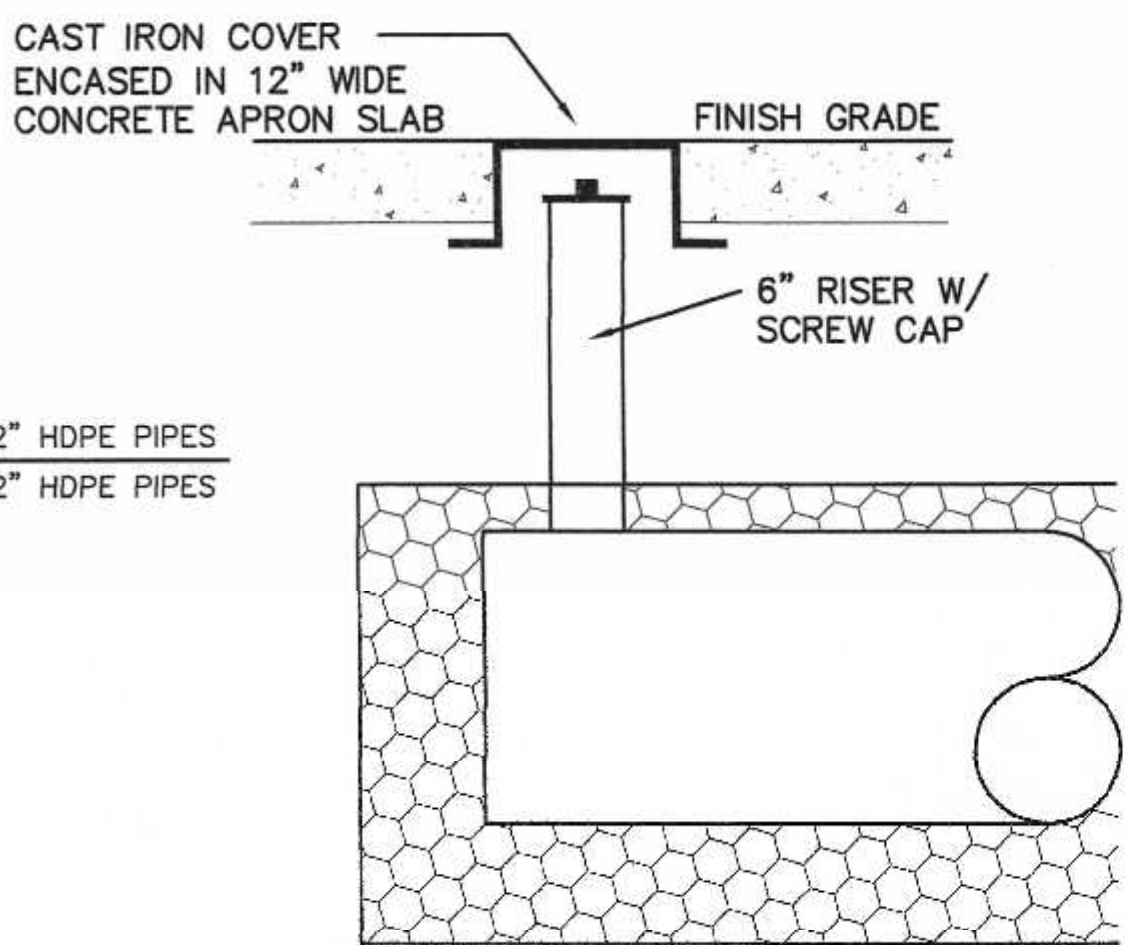
EXISTING HW AREA
1. RIP RAP TO BE MAXIMUM OF 21"
AVERAGE OF 14" AND MINIMUM OF 6".
2. RIP RAP TO BE PLACED OVER A FILTER
FABRIC.
3. RIP RAP MINIMUM DEPTH SHALL BE 28"

CONSTRUCTION PERIOD INFILTRATION POND NOTES:
CONTRACTOR TO COMPLETE EXCAVATION OF
POND 2, 3 AND 5 WHEN NO RAIN IS PRESENT AND NOT IN
THE WINTER. TO PREVENT SOIL COMPACTION, USE ONLY LIGHT
EARTH MOVING EQUIPMENT WITHIN THE INFILTRATION BASIN
AREAS. IF NECESSARY TILL THE BOTTOM OF THE INFILTRATION
BASIN AREAS TO A DEPTH OF 12 INCHES.

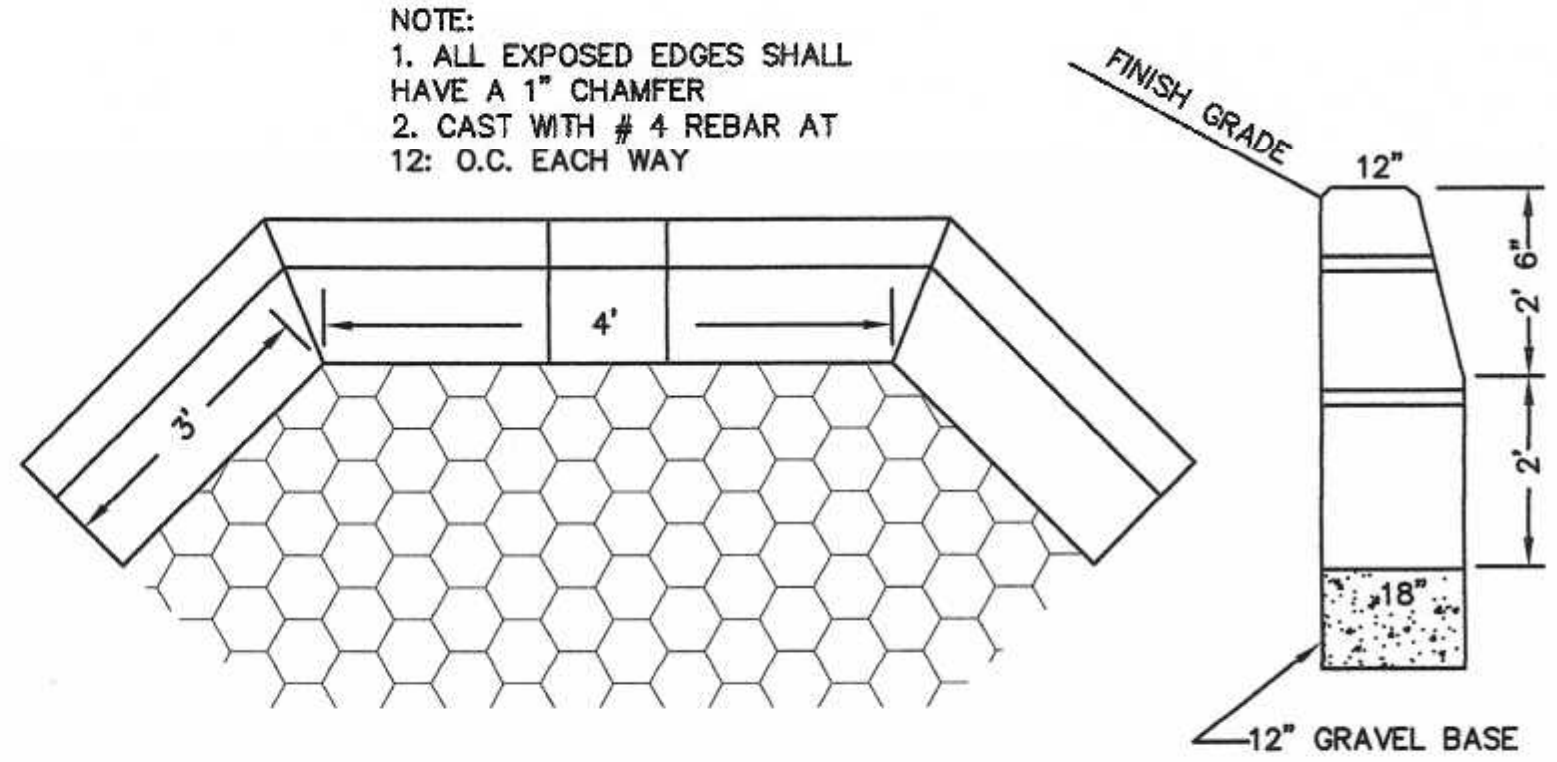


INFILTRATION PONDS 3, AND 5

NOTE:
INFILTRATION POND 3 CONSISTS OF 9 ROWS OF 4' DIAMETER PERFORATED HDPE PIPE 64' IN LENGTH. STONE AREA = 59.83' x 67.0'
INFILTRATION POND 5 CONSISTS OF 7 ROWS OF 4' DIAMETER PERFORATED HDPE PIPE 3' @ 90' + 55' IN LENGTH. STONE AREA = 46.75'
WIDE x 58' AND 93' LONG (SEE PLAN)



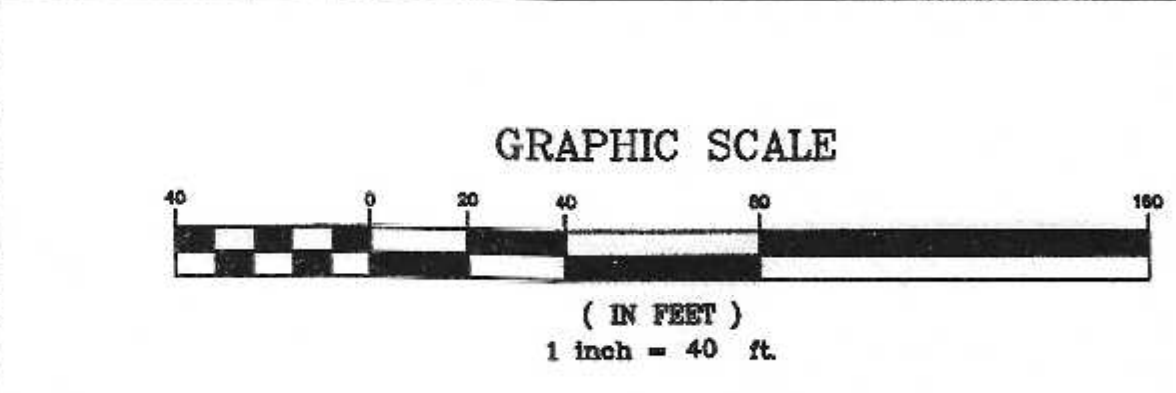
INSPECTION PORT DETAIL
DRAINAGE INFILTRATION AREAS
N.T.S.



TYPE "B" PRECAST HEADWALL
FOR HEADWALL 30

CONSTRUCTION DETAILS - 4
SENIOR VILLAGE
PANTHER WAY
FRANKLIN, MASSACHUSETTS
PREPARED FOR
CAMFORD PROPERTY GROUP, INC.
37 EAST CENTRAL STREET
FRANKLIN, MASSACHUSETTS
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SITE PLAN APPROVAL REQUIRED FRANKLIN PLANNING BOARD	
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NO.	DATE	DESCRIPTION	BY
1	6/20/25	REVIEW COMMENTS	RRG

CARLOS A. QUINTAL
P.E. #30812
REGISTERED PROFESSIONAL ENGINEER

DATE	FIELD BY:	INT.
BK#	FIELD BOOK	PG#
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