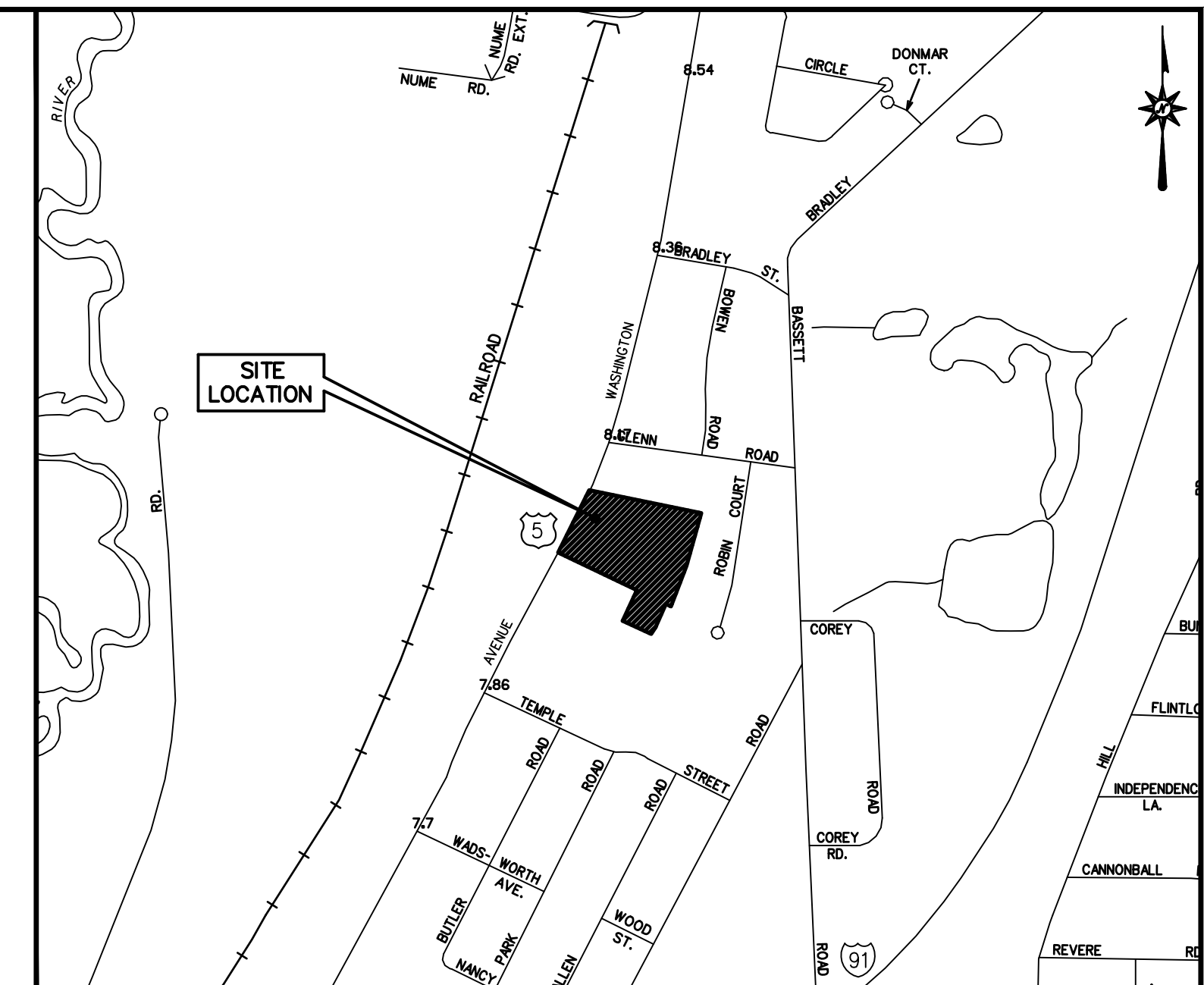


LOCATION MAP
N.T.S.

SITE PLAN AND SPECIAL PERMIT APPLICATION SUBMISSION TO PLANNING AND ZONING

PROPOSED UPPER WASHINGTON MULTI-USE DEVELOPMENT

404 & 412 WASHINGTON AVENUE (CT ROUTE 5)
NORTH HAVEN, CT



VICINITY MAP
SCALE: 1"=800'

PREPARED FOR:

CONNEX CREDIT UNION
412 WASHINGTON AVENUE
P.O. BOX 477
NORTH HAVEN, CT 06473

VIGLIOTTI CONSTRUCTION
140 NORTH BRANFORD RD.
BRANFORD, CT 06405

PREPARED BY:



355 RESEARCH PARKWAY
MERIDEN, CONNECTICUT 06450
(203) 630-1406
(203) 630-2615 Fax

**FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION**

P21-01S, SPECIAL PERMIT APPLICATION,
P21-01, SITE PLAN APPLICATION

CONTENTS

	TITLE SHEET
EX-1	PROPERTY/TOPOGRAPHIC SURVEY
SP-1	SITE PLAN
GD-1	GRADING AND DRAINAGE PLAN
SU-1	SITE UTILITIES PLAN
EC-1	SEDIMENT AND EROSION CONTROL PLAN
EC-2	SEDIMENT AND EROSION CONTROL NOTES
EC-3	SEDIMENT AND EROSION CONTROL DETAILS
LL-1	LANDSCAPE PLAN
LL-2	LANDSCAPE DETAILS AND NOTES
LP-1	LIGHTING PLAN (LOT 1)
LP-2	LIGHTING PLAN (LOT 2)
GN-1	GENERAL NOTES
DN-1, 2, 3, 4 & 5	DETAIL SHEETS

OWNER: CONNEX CREDIT UNION, INC. 412 WASHINGTON AVENUE NORTH HAVEN, CT 06473 (203) 603-5700	COAPPLICANT: CONNEX CREDIT UNION, INC. 412 WASHINGTON AVENUE NORTH HAVEN, CT 06473 (203) 603-5700	COAPPLICANT: VIGLIOTTI CONSTRUCTION 140 NORTH BRANFORD RD. BRANFORD, CT 06405 (203) 799-2671
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DATES

ISSUE DATE: JANUARY 8, 2021
REVISIONS DATE: FEBRUARY 19, 2021





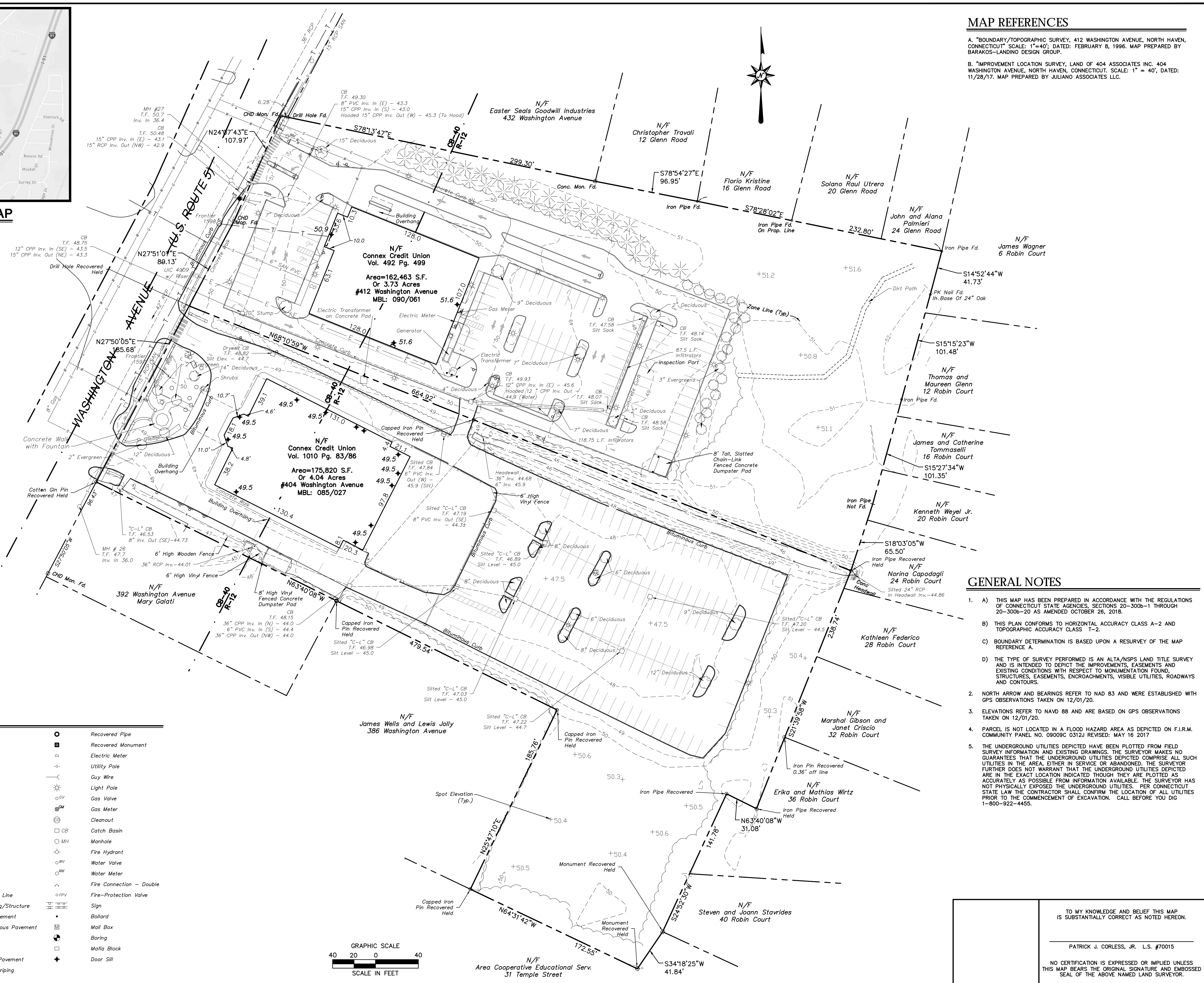
LOCATION MAP
NOT TO SCALE

MAP REFERENCES

- A. "BOUNDARY/TOPOGRAPHIC SURVEY, 412 WASHINGTON AVENUE, NORTH HAVEN, CONNECTICUT" SCALE: 1"=40'; DATED: FEBRUARY 8, 1996. MAP PREPARED BY BARAKOS-LANDINO DESIGN GROUP.
- B. "IMPROVEMENT LOCATION SURVEY, LAND OF 404 ASSOCIATES INC., 404 WASHINGTON AVENUE, NORTH HAVEN, CONNECTICUT. SCALE: 1" = 40', DATED: 11/28/17. MAP PREPARED BY JULIANO ASSOCIATES LLC.



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Mendon, CT 06450
(203) 630-1406
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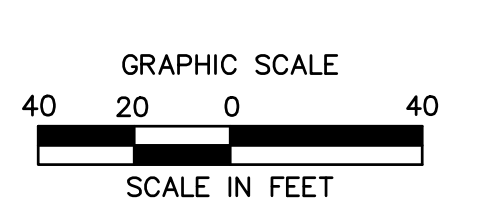
LANDS OF
CONNEX CREDIT UNION
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, NEW HAVEN COUNTY, CONNECTICUT

GENERAL NOTES

- A) THIS MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THROUGH 20-300b-20 AS AMENDED OCTOBER 26, 2018.
 - B) THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS T-2.
 - C) BOUNDARY DETERMINATION IS BASED UPON A RESURVEY OF THE MAP REFERENCE A.
 - D) THE TYPE OF SURVEY PERFORMED IS AN ALTA/NSPS LAND TITLE SURVEY AND IS INTENDED TO DEPICT THE IMPROVEMENTS, EASEMENTS AND EXISTING CONDITIONS WITH RESPECT TO MONUMENTATION FOUND, STRUCTURES, EASEMENTS, ENCROACHMENTS, VISIBLE UTILITIES, ROADWAYS AND CONTOURS.
- NORTH ARROW AND BEARINGS REFER TO NAD 83 AND WERE ESTABLISHED WITH GPS OBSERVATIONS TAKEN ON 12/01/20.
 - ELEVATIONS REFER TO NAVD 88 AND ARE BASED ON GPS OBSERVATIONS TAKEN ON 12/01/20.
 - PARCEL IS NOT LOCATED IN A FLOOD HAZARD AREA AS DEPICTED ON F.I.R.M. COMMUNITY PANEL NO. 09009C 0312U REVISED: MAY 16 2017
 - THE UNDERGROUND UTILITIES DEPICTED HAVE BEEN PLOTTED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES DEPICTED ARE IN THE EXACT LOCATION INDICATED THOUGH THEY ARE PLOTTED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY EXPOSED THE UNDERGROUND UTILITIES. PER CONNECTICUT STATE LAW THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION. CALL BEFORE YOU DIG 1-800-922-4455.

LEGEND

	Property Line		Recovered Pipe
	Easement Line		Recovered Monument
	Setback Line		Electric Meter
	Treeline		Utility Pole
	Brushline		Guy Wire
	Major Contour		Light Pole
	Minor Contour		Gas Valve
	Retaining Wall		Gas Meter
	Guide Rail		Cleanout
	Fence		Catch Basin
	Overhead Wires		Manhole
	Gas Line		Fire Hydrant
	Sanitary Sewer		Water Valve
	Storm Sewer		Water Meter
	Water Line		Fire Connection - Double
	Fire-Protection Line		Fire-Protection Valve
	Existing Building/Structure		Sign
	Bituminous Pavement		Ballard
	Curbed Bituminous Pavement		Mail Box
	Center Line		Boring
	Gravel		Mafia Block
	Concrete Pad/Pavement		Door Sill
	Parking Line Stripping		



TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PATRICK J. CORLESS, JR. L.S. #70015

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE NAMED LAND SURVEYOR.

Date:	
REVISIONS	
No.	Date
Surveyed	JA
Drawn	ZG/JS
Reviewed	PJC
Scale	1"=40'
Project No.	2001236
Date	01/07/2021
CAD File:	EX200123601
Title	PROPERTY/ TOPOGRAPHIC SURVEY
Sheet No.	EX-1

Pub: 02/2021 8:54am I:\PROJECTS\17-0001236-DWG\EX200123601.dwg
LAYOUT: EX1 25X36.dwg

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LEGEND

PROPOSED STANDARD DUTY BITUMINOUS PAVEMENT STRUCTURE

NOTES

- ALL MAINTAINED LANDSCAPED AREAS TO BE SERVICED BY AN AUTOMATIC SPRINKLER SYSTEM.
- THERE SHALL BE NO OUTDOOR STORAGE ON PROPERTY.

SIGN LEGEND

SIGN NO.	CT-DOT NO. OR MUTCD NO.	LEGEND
A	31-0552Z	STOP 30" (13)
B	31-0629	PAINTED PEDESTRIAN CROSSWALK (6)
C	31-0648	VAN ACCESSIBLE (4)
D	31-1119	DO NOT ENTER (9)
E	31-1188	ONE-WAY (1)
F	31-1603	NO LEFT TURN (1)
G	31-1526	RIGHT TURN (3)
H	31-0219	UPPER WASHINGTON MULTI-USE OVERLAY (2)

NOTE: HANDICAPPED SIGNS TO BE INSTALLED IN PIPE BOLLARDS (SEE DETAIL). ALL HANDICAP SIGNAGE TO CONFORM TO LATEST BUILDING CODE.

RESIDENTIAL UNIT MIX

STUDIO APARTMENTS - 6
 ONE BEDROOM APARTMENTS - 71
 TWO-BEDROOM APARTMENTS - 11
 TOTAL UNITS = 88 UNITS
 TOTAL BEDROOMS = 99

PARKING INFORMATION

ITEM #	ITEM	REQUIREMENTS LOT 1	PROPOSED LOT 1	VARIANCE LOT 1	REQUIREMENTS LOT 2	PROPOSED LOT 2	VARIANCE LOT 2
1	BUILDING SIZE	NONE REQUIRED	BANK: 5,452 S.F. RESIDENTIAL: 90,153 S.F.	NO	NONE REQUIRED	14,032 S.F.	NO
2	PARKING REQUIRED	FINANCIAL INSTITUTIONS: 1 SPACE PER EVERY 250 S.F. OF GROSS FLOOR AREA (5,452) TOTAL REQUIRED = 22 RESIDENTIAL: 1 SPACE PER EVERY BEDROOM (99 BEDROOMS) TOTAL REQUIRED = 99	25 SPACES 117 SPACES	NO	OFFICE/FINANCIAL INSTITUTIONS: 1 SPACE PER EVERY 250 S.F. OF GROSS FLOOR AREA (14,032 SF) TOTAL REQUIRED = 57	85 SPACES	NO
3	MINIMUM PARKING DIMENSIONS	9 FEET X 18 FEET	9 FEET X 18 FEET	NO	9 FEET X 18 FEET	9 FEET X 18 FEET	NO
4	MINIMUM AISLE WIDTH	24 FEET - 2-WAY 15 FEET - 1-WAY	24 FEET - 2-WAY 15 FEET - 1-WAY	NO	24 FEET - 2-WAY 15 FEET - 1-WAY	24 FEET - 2-WAY 15 FEET - 1-WAY	NO
5	MINIMUM FRONT SETBACK	17.5 FEET (75% OF FRONT YARD REQUIREMENT)	66 FEET	NO	17.5 FEET (75% OF FRONT YARD REQUIREMENT)	86 FEET	NO
6	MINIMUM SIDE SETBACK	NONE REQUIRED	33 FEET	NO	NONE REQUIRED	68 FEET	NO
7	MINIMUM REAR SETBACK	NONE REQUIRED	91 FEET	NO	NONE REQUIRED	428 FEET	NO
8	MINIMUM HANDICAP PARKING	5 SPACES	6 SPACES	NO	4 SPACES	4 SPACES	NO

- PER SECTION 4.4.1.38.6 A UWMU DEVELOPMENT SHALL BE PERMITTED TO UTILIZE A SHARED PARKING CALCULATION BASED ON ITS MIXED USE CAPACITY. A SHARING FACTOR OF 1.4 FOR RESIDENTIAL/OFFICE MIX AND 1.2 FOR RESIDENTIAL/ALL OTHER COMMERCIAL USES SHALL BE UTILIZED TO COMPUTE THE REQUIRED PARKING FOR THE ENTIRE DEVELOPMENT.

BANK/OFFICE = 21 SPACES REQUIRED / 1.4 = 15 SPACES + 99 RESIDENTIAL SPACES = 114 TOTAL SPACES.

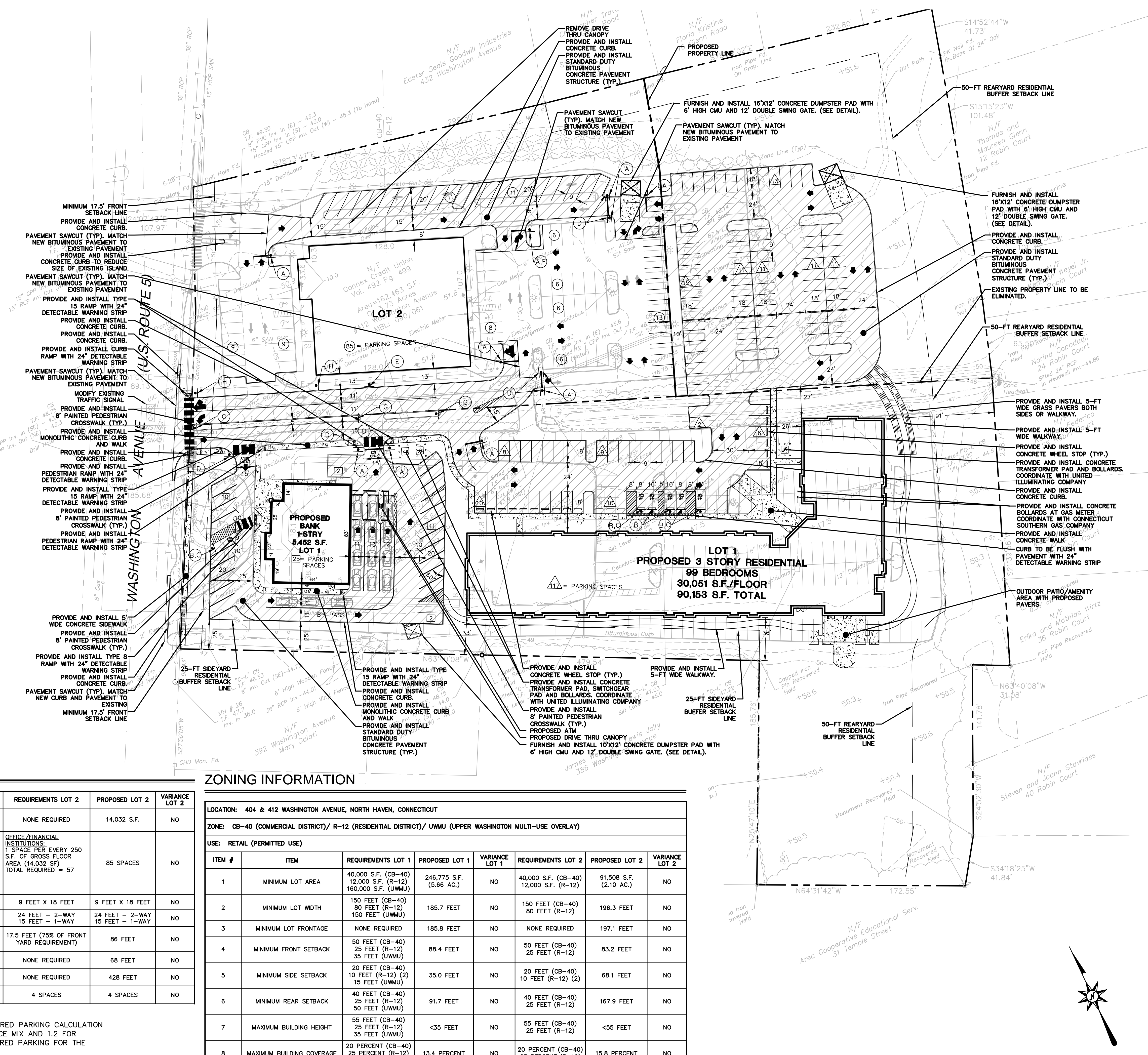
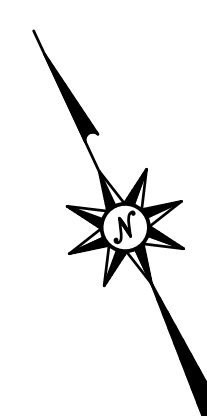
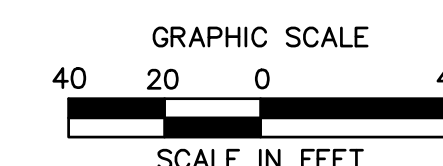
ZONING INFORMATION

LOCATION: 404 & 412 WASHINGTON AVENUE, NORTH HAVEN, CONNECTICUT
 ZONE: CB-40 (COMMERCIAL DISTRICT)/ R-12 (RESIDENTIAL DISTRICT)/ UWMU (UPPER WASHINGTON MULTI-USE OVERLAY)
 USE: RETAIL (PERMITTED USE)

ITEM #	ITEM	REQUIREMENTS LOT 1	PROPOSED LOT 1	VARIANCE LOT 1	REQUIREMENTS LOT 2	PROPOSED LOT 2	VARIANCE LOT 2
1	MINIMUM LOT AREA	40,000 S.F. (CB-40) 12,000 S.F. (R-12) 160,000 S.F. (UWMU)	246,775 S.F. (5.66 AC.)	NO	40,000 S.F. (CB-40) 12,000 S.F. (R-12)	91,508 S.F. (2.10 AC.)	NO
2	MINIMUM LOT WIDTH	150 FEET (CB-40) 80 FEET (R-12) 150 FEET (UWMU)	185.7 FEET	NO	150 FEET (CB-40) 80 FEET (R-12)	196.3 FEET	NO
3	MINIMUM LOT FRONTAGE	NONE REQUIRED	185.8 FEET	NO	NONE REQUIRED	197.1 FEET	NO
4	MINIMUM FRONT SETBACK	50 FEET (CB-40) 25 FEET (R-12) 35 FEET (UWMU)	88.4 FEET	NO	50 FEET (CB-40) 25 FEET (R-12)	83.2 FEET	NO
5	MINIMUM SIDE SETBACK	20 FEET (CB-40) 10 FEET (R-12) (2) 15 FEET (UWMU)	35.0 FEET	NO	20 FEET (CB-40) 10 FEET (R-12) (2)	68.1 FEET	NO
6	MINIMUM REAR SETBACK	40 FEET (CB-40) 25 FEET (R-12) 50 FEET (UWMU)	91.7 FEET	NO	40 FEET (CB-40) 25 FEET (R-12)	167.9 FEET	NO
7	MAXIMUM BUILDING HEIGHT	55 FEET (CB-40) 25 FEET (R-12) 35 FEET (UWMU)	<35 FEET	NO	55 FEET (CB-40) 25 FEET (R-12)	<55 FEET	NO
8	MAXIMUM BUILDING COVERAGE	20 PERCENT (CB-40) 25 PERCENT (R-12) 35 PERCENT (UWMU)	13.4 PERCENT	NO	20 PERCENT (CB-40) 25 PERCENT (R-12)	15.8 PERCENT	NO

- #404 WASHINGTON LOT AREA = 4.04 ACRES, #412 WASHINGTON LOT AREA = 3.73 ACRES
- AGGREGATE WIDTH OF BOTH SIDE YARDS 49 FEET. MINIMUM ON ONE SIDE 10 FEET AND 39 FEET ON THE OTHER SIDE

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 NOT RELEASED FOR CONSTRUCTION**



Architecture
 Engineering
 Environmental
 Land Surveying
BL Companies

355 Research Parkway
 Meriden, CT 06450
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 (203) 630-9815 Fax



PROPOSED MULTI-USE DEVELOPMENT
 404 & 412 WASHINGTON AVENUE
 NORTH HAVEN, CT

REVISIONS
 No. Date Description
 1. 2/1/21 REVISED PER STAFF COMMENTS

Designed J.O.M.
 Drawn B.C.M.
 Reviewed
 Scale 1"=40'
 Project No. 2001236
 Date 01/08/21
 CAD File: SP200123601

Title **SITE PLAN**

Sheet No.

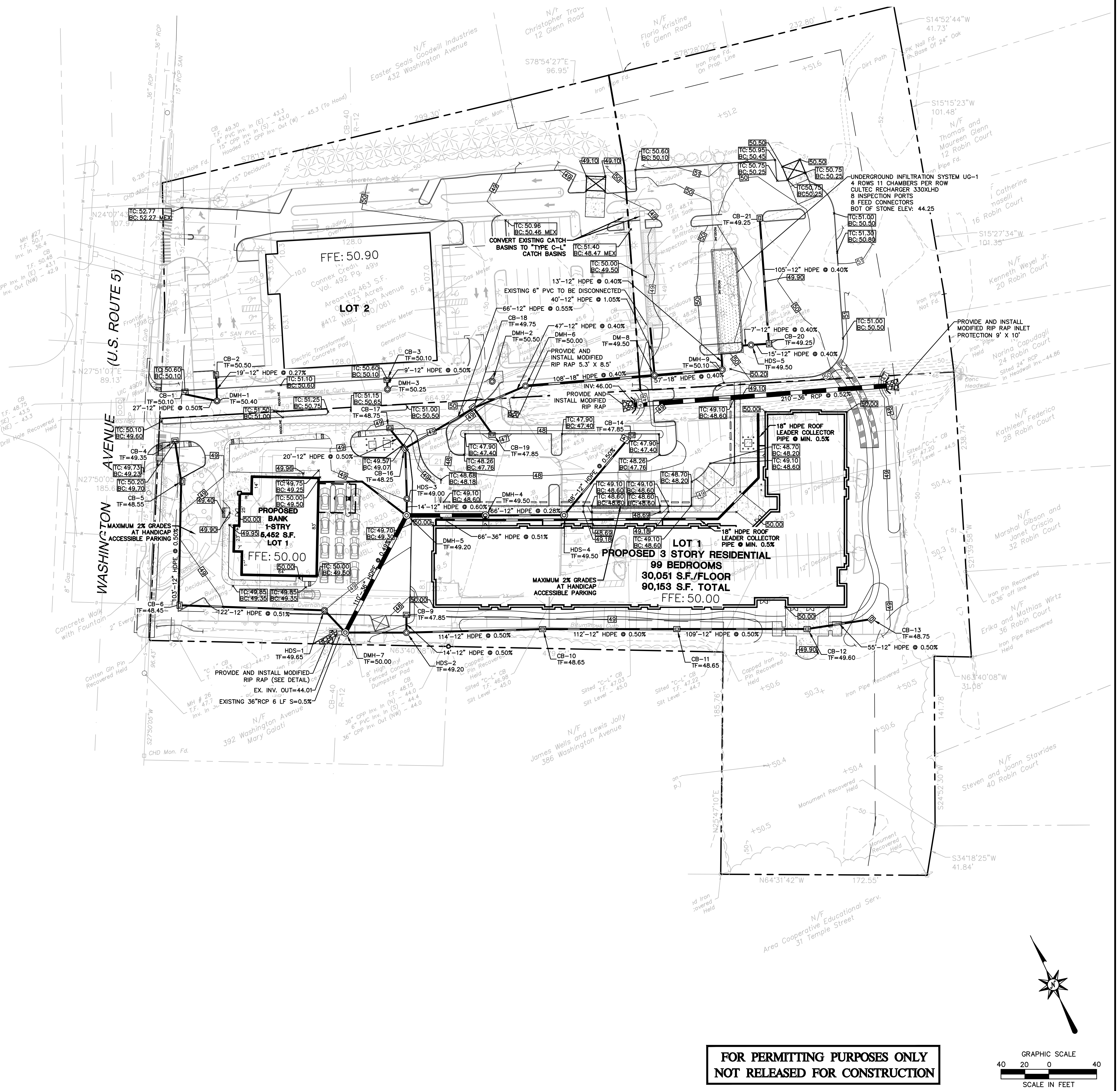
SP-1

GRADING AND DRAINAGE LEGEND

PROPERTY LINE	---
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	---
STORM LINE	---
CATCH BASIN	⊠
STORM MANHOLE	⊙
FLARED END	⊖
END WALL OR HEADWALL	⊔
OUTLET CONTROL STRUCTURE	⊙
HYDRODYNAMIC SEPARATOR	⊙
PROPOSED CONTOUR LINE	--- 228 ---
PROPOSED SPOT GRADE	x 100.00
ABBREVIATIONS	
TC=TOP OF CURB	TC=100.00
BC=BOTTOM OF CURB	BC=99.50
TW=TOP OF WALL	TW=108.00
BW=BOTTOM OF WALL	BW=100.00
PROPOSED SURFACE SLOPE	
ELECTRIC LINE	E --- E ---
ELECTRIC AND TELECOMMUNICATIONS LINES	E/T --- E/T ---
GAS LINE	G --- G ---
WATER LINE	W --- W ---
SANITARY SEWER LINE	S --- S ---
SANITARY SEWER FORCE MAIN	SFM --- SFM ---
OVERHEAD LINE	OH --- OH ---
TRANSFORMER	⊠
HYDRANT	⊙
UTILITY POLE	⊙
SANITARY/STORM MANHOLE	⊙
SANITARY/STORM CLEANOUT	⊙
WATER VALVE	⊙
GATE VALVE	⊙
THRUST BLOCK	⊙
GREASE TRAP	⊙

STORM STRUCTURE CHART

CB-1 TYPE CBC TF=50.10	CB-16 TYPE CBC TF=48.25 INV IN=44.79(N) INV IN=44.79(E) INV OUT=44.79(SW)	DMH-6 48" DIA. MH TF=50.00 INV IN=45.35(E) INV OUT=45.35(W)
CB-2 TYPE CBC TF=50.50 INV OUT=44.25(N)	CB-17 TYPE CBC TF=48.75 INV IN=44.89(S)	DMH-7 72" DIA. MH TF=50.00 INV IN=44.04(NE) INV IN=44.04(N) INV IN=44.04(SE)
CB-3 TYPE CBC TF=50.10 INV OUT=44.72(SW)	CB-18 TYPE CBC TF=49.75 INV IN=45.16(E) INV IN=45.16(W)	DMH-9 48" DIA. MH TF=50.10 INV IN=46.01(N) INV OUT=46.01(W)
CB-4 TYPE CBC TF=49.35 INV OUT=45.49(S)	CB-19 TYPE CBC TF=47.85 INV IN=45.29(N)	HDS-1 48" DIA. MH TF=49.65 INV IN=44.18(NW) INV IN=44.14(S)
CB-5 TYPE CBC TF=48.55 INV IN=45.32(N) INV OUT=45.32(SW)	CB-20 TYPE CBCL TF=49.25 INV IN=46.15(N) INV OUT=46.15(W)	HDS-2 48" DIA. MH TF=49.20 INV IN=44.30(NE) INV IN=44.16(SE) INV IN=44.30(NW)
CB-6 TYPE CBC TF=48.45 INV IN=44.80(NE) INV OUT=44.80(SE)	CB-21 TYPE CBCL TF=49.25 INV OUT=46.57(S)	HDS-3 48" DIA. MH TF=49.00 INV IN=44.66(NE) INV OUT=44.66(SW)
CB-9 TYPE CBC TF=47.85 INV OUT=44.37(SW)	DM-8 48" DIA. MH TF=49.50 INV IN=44.73(SE) INV OUT=44.73(NW)	HDS-4 72" DIA. MH TF=49.50 INV IN=45.09(NE) INV IN=45.09(NW)
CB-10 TYPE CBCL TF=48.65 INV IN=44.73(SE) INV OUT=44.73(NW)	DMH-1 48" DIA. MH TF=50.40 INV IN=44.30(NW) INV IN=44.30(E) INV OUT=44.30(NE)	HDS-5 48" DIA. MH TF=49.50 INV IN=46.09(E) INV OUT=46.09(W)
CB-11 TYPE CBCL TF=48.65 INV IN=45.29(SE) INV OUT=45.29(NW)	DMH-2 48" DIA. MH TF=50.50 INV IN=44.90(W)	DMH-3 48" DIA. MH TF=50.25 INV IN=44.68(NE) INV IN=44.68(E) INV OUT=44.68(W)
CB-12 TYPE CBCL TF=49.60 INV IN=45.83(E) INV OUT=45.83(NW)	DMH-3 48" DIA. MH TF=50.25 INV IN=44.68(NE) INV IN=44.68(E) INV OUT=44.68(W)	DMH-4 72" DIA. MH TF=49.50 INV IN=44.91(SE) INV OUT=44.91(NW)
CB-13 TYPE CBCL TF=48.75 INV OUT=46.10(W)	DMH-4 72" DIA. MH TF=49.50 INV IN=44.91(SE) INV OUT=44.91(NW)	DMH-5 72" DIA. MH TF=49.20
CB-14 TYPE CBC TF=47.85 INV OUT=45.53(SW)	DMH-5 72" DIA. MH TF=49.20	



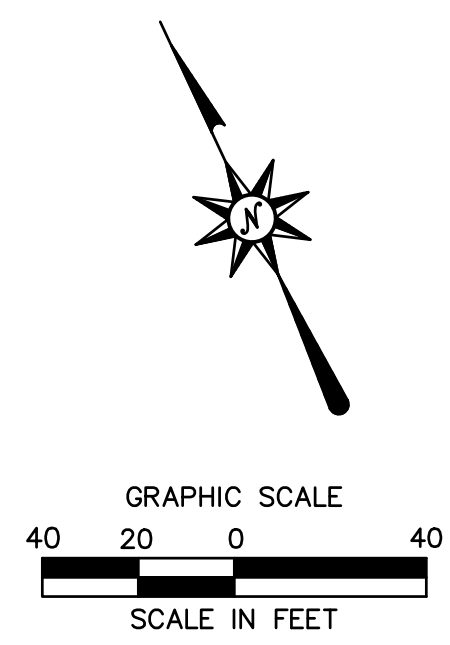
355 Research Parkway
Meriden, CT 06450
(203) 630-1406
(203) 630-2615 Fax



PROPOSED MULTI-USE DEVELOPMENT
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, CT

REVISIONS	Disc.	REVISED PER STAFF COMMENTS
No.	Date	
1.	2/19/21	
Designed	J.J.S.	
Drawn	J.J.S.	
Reviewed		
Scale	1"=40'	
Project No.	2001238	
Date	01/08/21	
CAD File:	GD200123601	
Title	GRADING AND DRAINAGE PLAN	
Sheet No.	GD-1	

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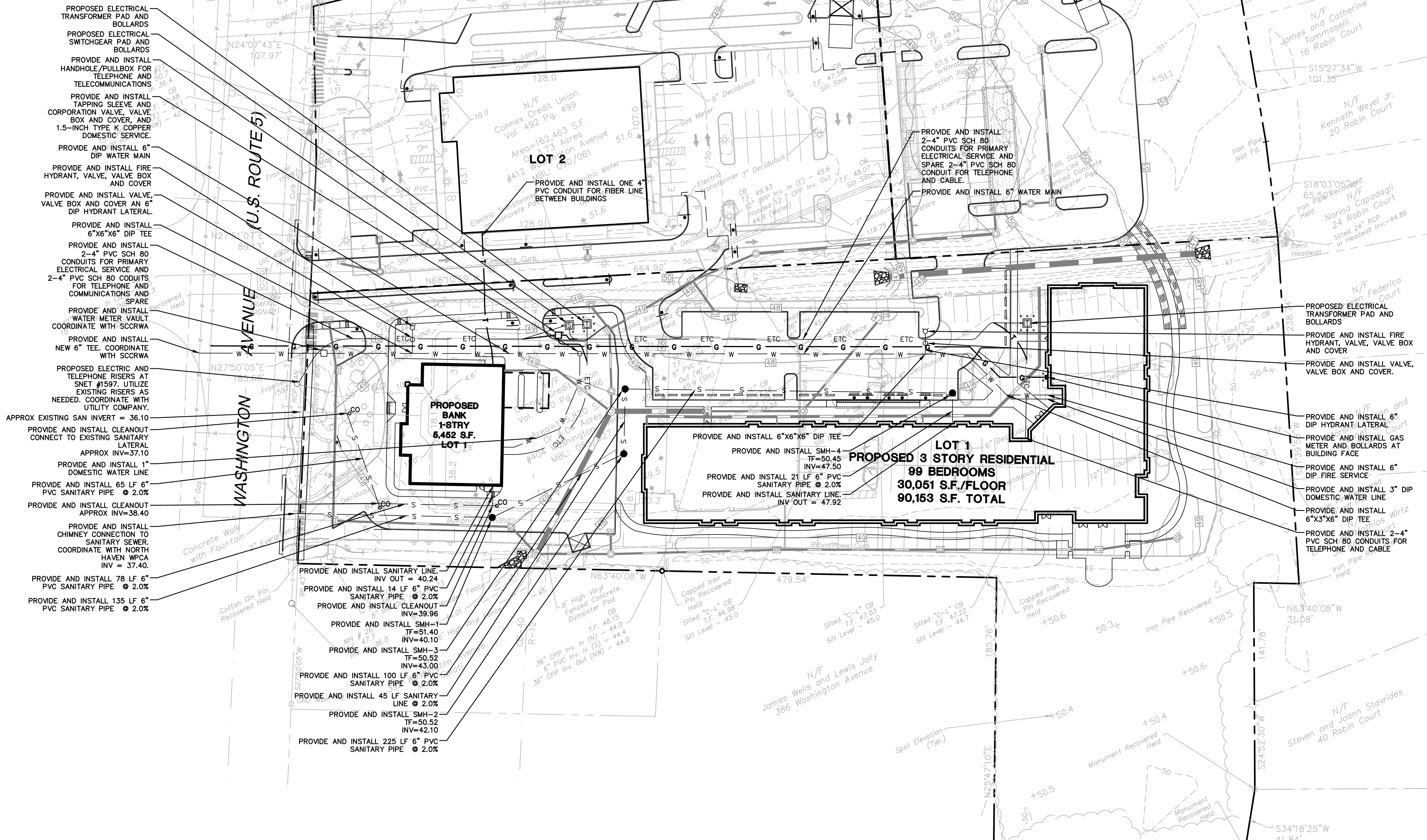
2/22/2021 10:00 AM C:\WORKING\2001238\DWG\GD-1.dwg

SITE UTILITIES LEGEND

PROPERTY LINE	---
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	--- LOD ---
ELECTRIC LINE	— E — E —
ELECTRIC AND TELECOMMUNICATIONS LINES	— E/T —
GAS LINE	— G — G —
WATER LINE	— W — W —
SANITARY SEWER LINE	— S — S —
SANITARY SEWER FORCE MAIN	— SFM —
OVERHEAD LINE	— OH — OH —
TRANSFORMER	⊠
HYDRANT	⊙
UTILITY POLE	⊙
SANITARY MANHOLE	⊙
SANITARY CLEANOUT	⊙
WATER VALVE	⊙ WV
GATE VALVE	⊙ GV
THRUST BLOCK	▲
GREASE TRAP	⊙
OUTLET CONTROL STRUCTURE	⊙
HYDRODYNAMIC SEPARATOR	⊙
STORM LINE	— S — S —
CATCH BASIN	⊙
STORM MANHOLE	⊙
FLARED END	⊙
END WALL OR HEADWALL	⊙
PROPOSED CONTOUR LINE	— 2.28 —
PROPOSED SPOT GRADE	X 100.00
ABBREVIATIONS	
— TC=TOP OF CURB	X 100.00
— BC=BOTTOM OF CURB	X 99.50
— TW=TOP OF WALL	X 108.00
— BW=BOTTOM OF WALL	X 100.00
PROPOSED SURFACE SLOPE	2%

NOTES

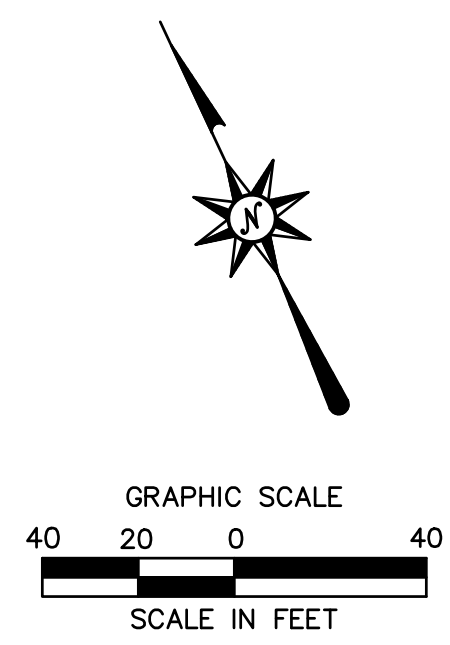
- CONTRACTOR SHALL CONFIRM LOCATION, SIZE, CONDITION AND ELEVATION OF ALL UTILITY LATERAL STUBS, WATER MAINS, GAS MAINS AND ELECTRICAL SERVICES PRIOR TO CONSTRUCTION.



- PROPOSED ELECTRICAL TRANSFORMER PAD AND BOLLARDS
- PROPOSED ELECTRICAL SWITCHGEAR PAD AND BOLLARDS
- PROVIDE AND INSTALL HANDHOLE/PULLBOX FOR TELEPHONE AND TELECOMMUNICATIONS
- PROVIDE AND INSTALL TAPPING SLEEVE AND CORPORATION VALVE, VALVE BOX AND COVER, AND 1.5-INCH TYPE K COPPER DOMESTIC SERVICE.
- PROVIDE AND INSTALL 6" DIP WATER MAIN
- PROVIDE AND INSTALL FIRE HYDRANT, VALVE, VALVE BOX AND COVER
- PROVIDE AND INSTALL VALVE, VALVE BOX AND COVER AN 6" DIP HYDRANT LATERAL
- PROVIDE AND INSTALL 6"x6"x6" DIP TEE
- PROVIDE AND INSTALL 2-4" PVC SCH 80 CONDUITS FOR PRIMARY ELECTRICAL SERVICE AND 2-4" PVC SCH 80 CONDUITS FOR TELEPHONE AND COMMUNICATIONS AND SPARE
- PROVIDE AND INSTALL WATER METER VAULT COORDINATE WITH SCRWA
- PROVIDE AND INSTALL NEW 6" TEE, COORDINATE WITH SCRWA
- PROPOSED ELECTRIC AND TELEPHONE RISERS AT SNET #1597, UTILIZE EXISTING RISERS AS NEEDED, COORDINATE WITH UTILITY COMPANY.
- APPROX EXISTING SAN INVERT = 36.10
- PROVIDE AND INSTALL CLEANOUT CONNECT TO EXISTING SANITARY LATERAL
- APPROX INV=37.10
- PROVIDE AND INSTALL 1" DOMESTIC WATER LINE
- PROVIDE AND INSTALL 65 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL CLEANOUT APPROX INV=38.40
- PROVIDE AND INSTALL CHIMNEY CONNECTION TO SANITARY SEWER, COORDINATE WITH NORTH HAVEN WPCA INV = 37.40.
- PROVIDE AND INSTALL 78 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL 135 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL SANITARY LINE INV OUT = 40.24
- PROVIDE AND INSTALL 14 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL CLEANOUT INV=39.96
- PROVIDE AND INSTALL SMH-1 TF=51.40 INV=40.10
- PROVIDE AND INSTALL SMH-3 TF=50.52 INV=43.00
- PROVIDE AND INSTALL 100 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL 45 LF SANITARY LINE @ 2.0%
- PROVIDE AND INSTALL SMH-2 TF=50.52 INV=42.10
- PROVIDE AND INSTALL 225 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL 6"x6"x6" DIP TEE
- PROVIDE AND INSTALL SMH-4 TF=50.45 INV=47.50
- PROVIDE AND INSTALL 21 LF 6" PVC SANITARY PIPE @ 2.0%
- PROVIDE AND INSTALL SANITARY LINE INV OUT = 47.92
- PROVIDE AND INSTALL 2-4" PVC SCH 80 CONDUITS FOR PRIMARY ELECTRICAL SERVICE AND SPARE 2-4" PVC SCH 80 CONDUIT FOR TELEPHONE AND CABLE.
- PROVIDE AND INSTALL 6" WATER MAIN
- PROVIDE AND INSTALL 6" DIP FIRE SERVICE
- PROVIDE AND INSTALL 3" DIP DOMESTIC WATER LINE
- PROVIDE AND INSTALL 6"x3"x6" DIP TEE
- PROVIDE AND INSTALL 2-4" PVC SCH 80 CONDUITS FOR TELEPHONE AND CABLE
- PROVIDE AND INSTALL ELECTRICAL TRANSFORMER PAD AND BOLLARDS
- PROVIDE AND INSTALL FIRE HYDRANT, VALVE, VALVE BOX AND COVER
- PROVIDE AND INSTALL VALVE, VALVE BOX AND COVER.
- PROVIDE AND INSTALL 6" DIP HYDRANT LATERAL
- PROVIDE AND INSTALL GAS METER AND BOLLARDS AT BUILDING FACE
- PROVIDE AND INSTALL 6" DIP FIRE SERVICE
- PROVIDE AND INSTALL 3" DIP DOMESTIC WATER LINE
- PROVIDE AND INSTALL 6"x3"x6" DIP TEE
- PROVIDE AND INSTALL 2-4" PVC SCH 80 CONDUITS FOR TELEPHONE AND CABLE

UNDERGROUND ELECTRIC CONDUIT UNDER PAVED AREAS SHALL BE ENCASED IN CONCRETE PER UNITED ILLUMINATING STANDARDS.

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(203) 630-2615 Fax



PROPOSED MULTI-USE DEVELOPMENT
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, CT

REVISIONS	Desc.	
No.	Date	REVISED PER STAFF COMMENTS
1.	2/19/21	
Designed	N.A.N.	
Drawn	N.A.N.	
Reviewed		
Scale	1"=40'	
Project No.	2001236	
Date	01/08/21	
CAD File:	SU200123601	
Title		
SITE UTILITIES PLAN		
Sheet No.		

SU-1

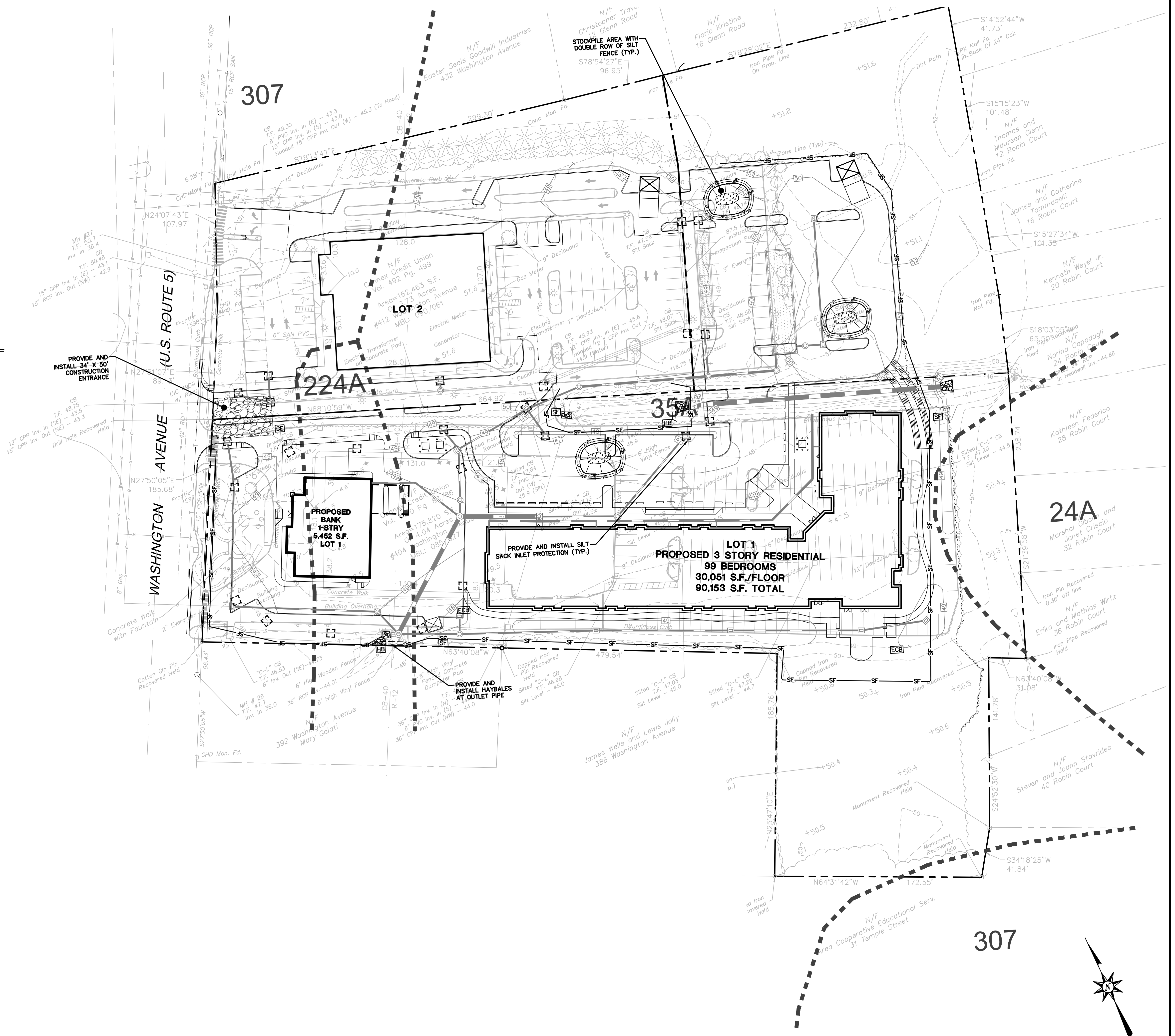
EROSION CONTROL LEGEND:

CONTROL MEASURE	ILLUSTRATION
SILTSACK INLET PROTECTION	
STONE CHECK DAM	
SILT FENCE	
SILT FENCE WITH HAYBALE BACKING (UTILIZE AT BASE OF SLOPE)	
CONSTRUCTION ENTRANCE	
LIMIT OF CLEARING	
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	
EROSION CONTROL BLANKET	
STOCKPILE AREA WITH DOUBLE ROW OF SILT FENCE	
DIVERSION SWALE	
SOIL TYPE BOUNDARY	
WATER BAR	

SOIL TYPE

24A	DEERFIELD LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES (HSG A)
35A	PENWOOD LOAMY SAND, 0 TO 3 PERCENT SLOPES (HSG A)
224A	DEERFIELD-URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES (HSG A)
307	URBAN LAND (HSG D)

NOTE: SOILS DATA REFERENCED FROM NRCS WEBSOIL SURVEY.



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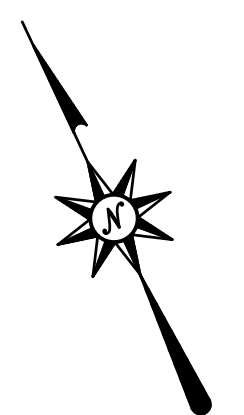
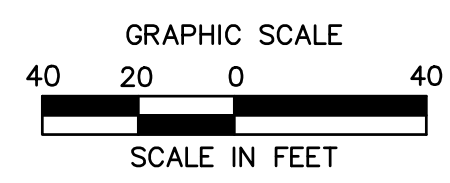
PROPOSED MULTI-USE DEVELOPMENT
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, CT

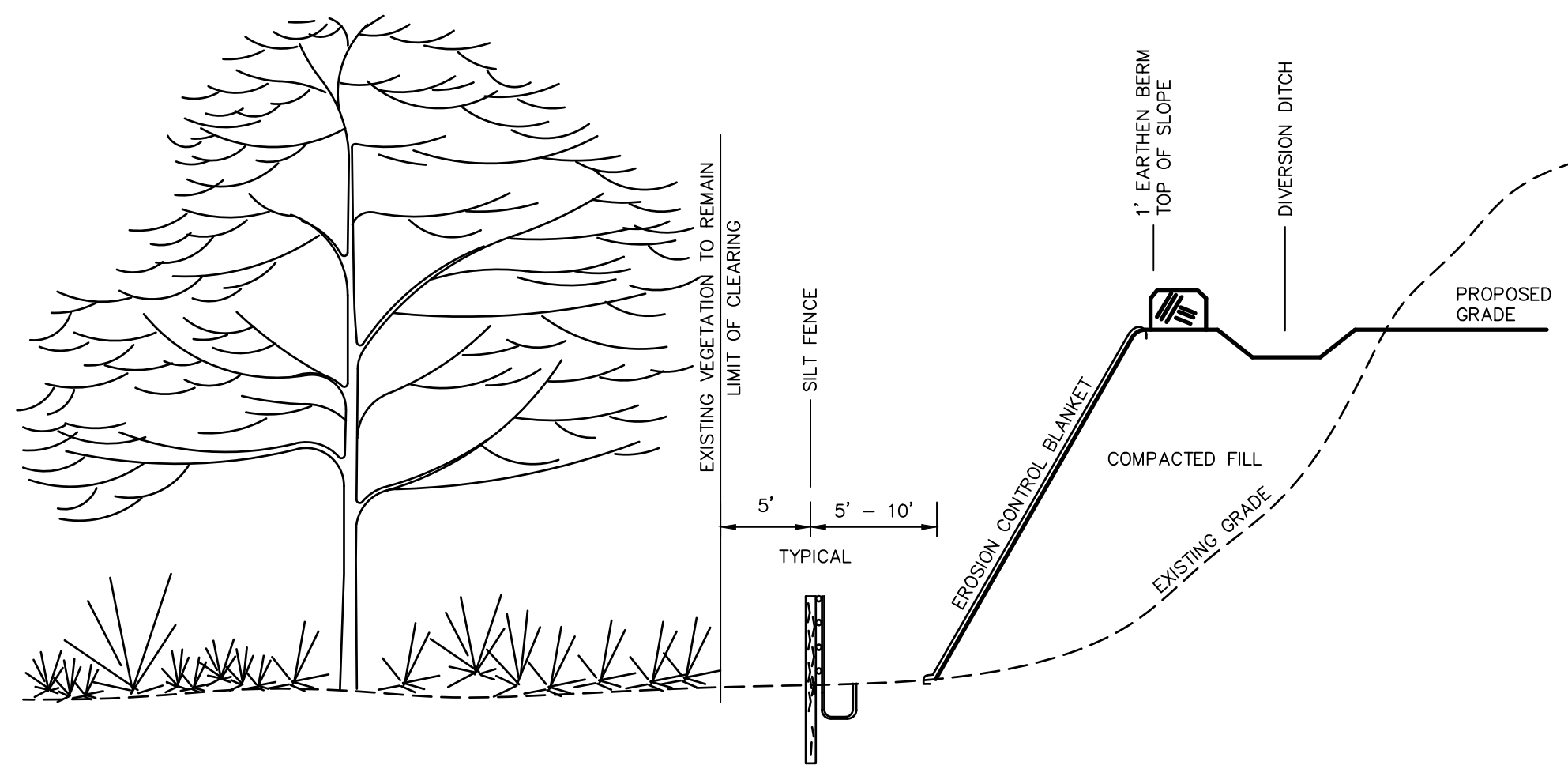
REVISIONS	Desc.	Drawn	Reviewed
No.	Date		
1.	2/19/21	ATK	ATK

Designed: ATK
Drawn: ATK
Reviewed: ATK
Scale: 1"=40'
Project No.: 2001236
Date: 01/08/21
CAD File: EC200123601

EC-1

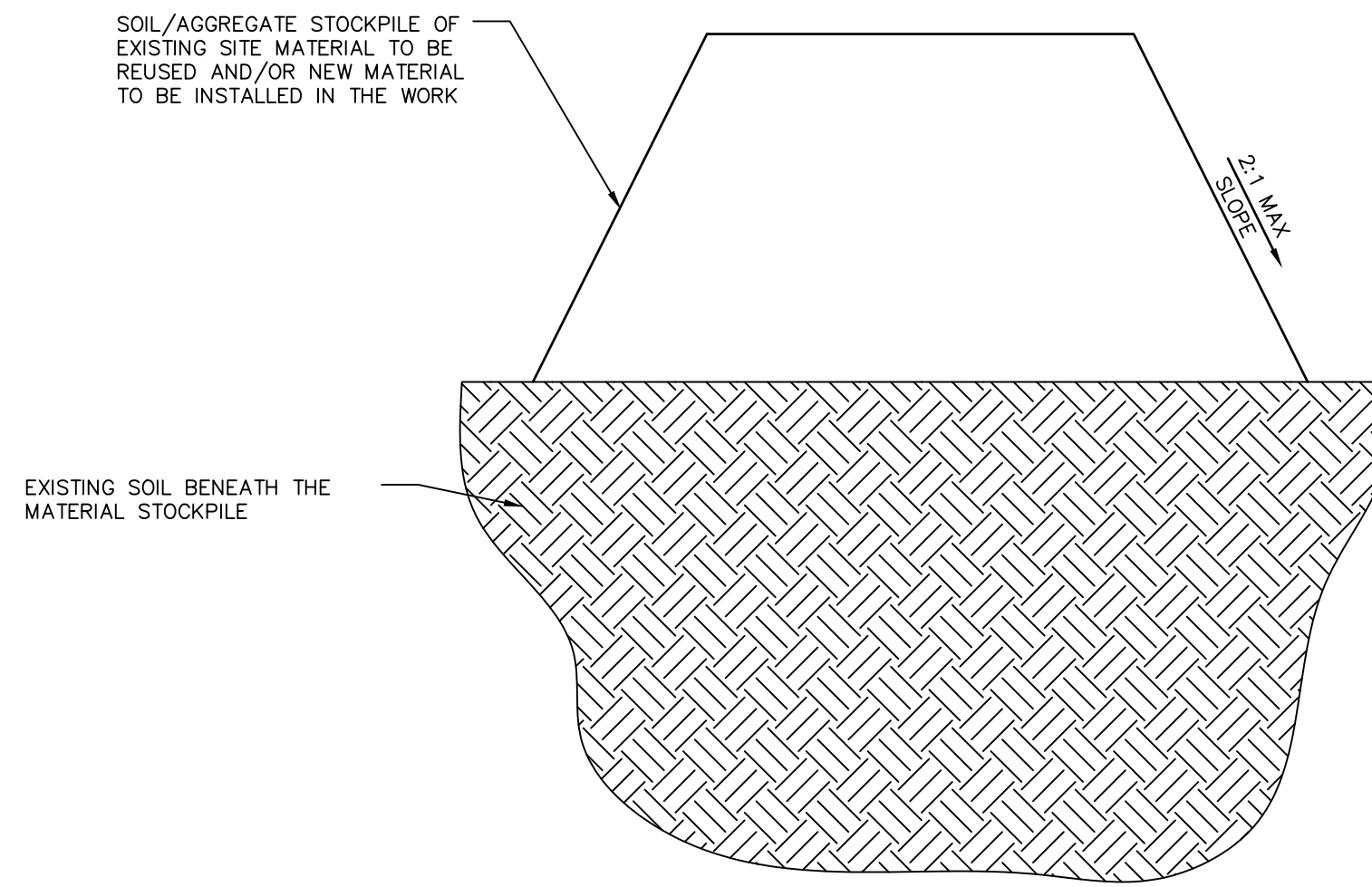
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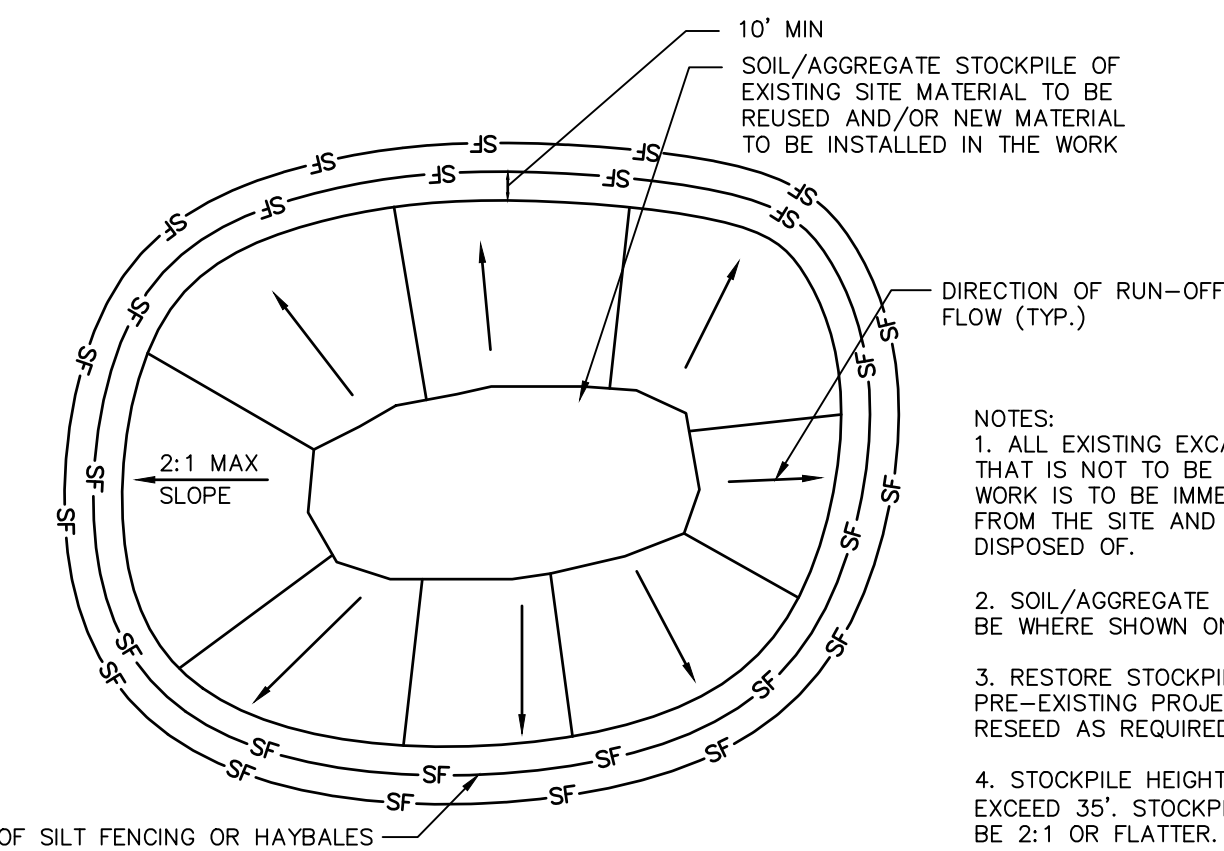
TYPICAL EROSION CONTROL ON SLOPES

N.T.S. BLEC-011



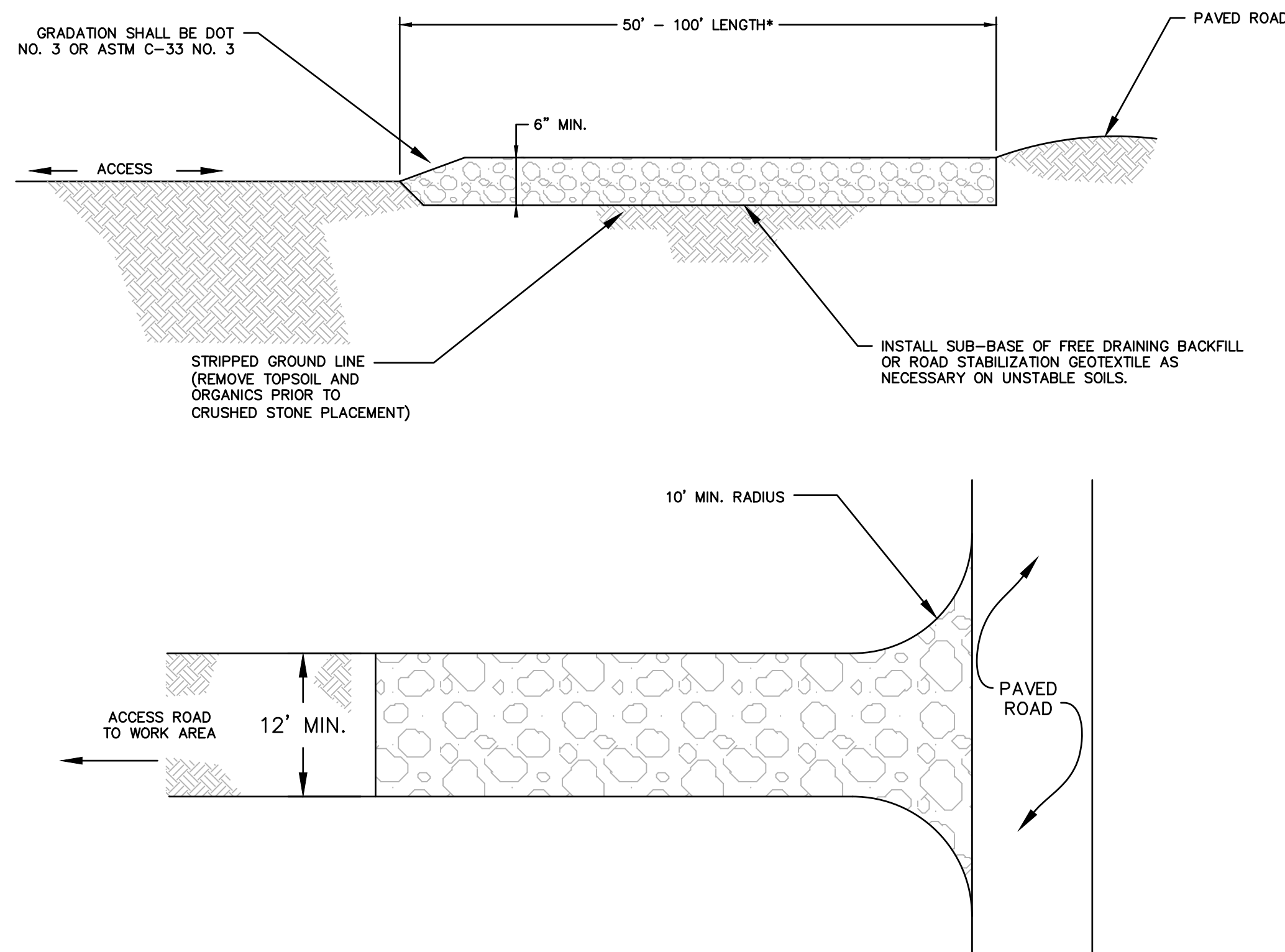
MATERIALS STOCKPILE DETAIL

N.T.S. BLEC-006



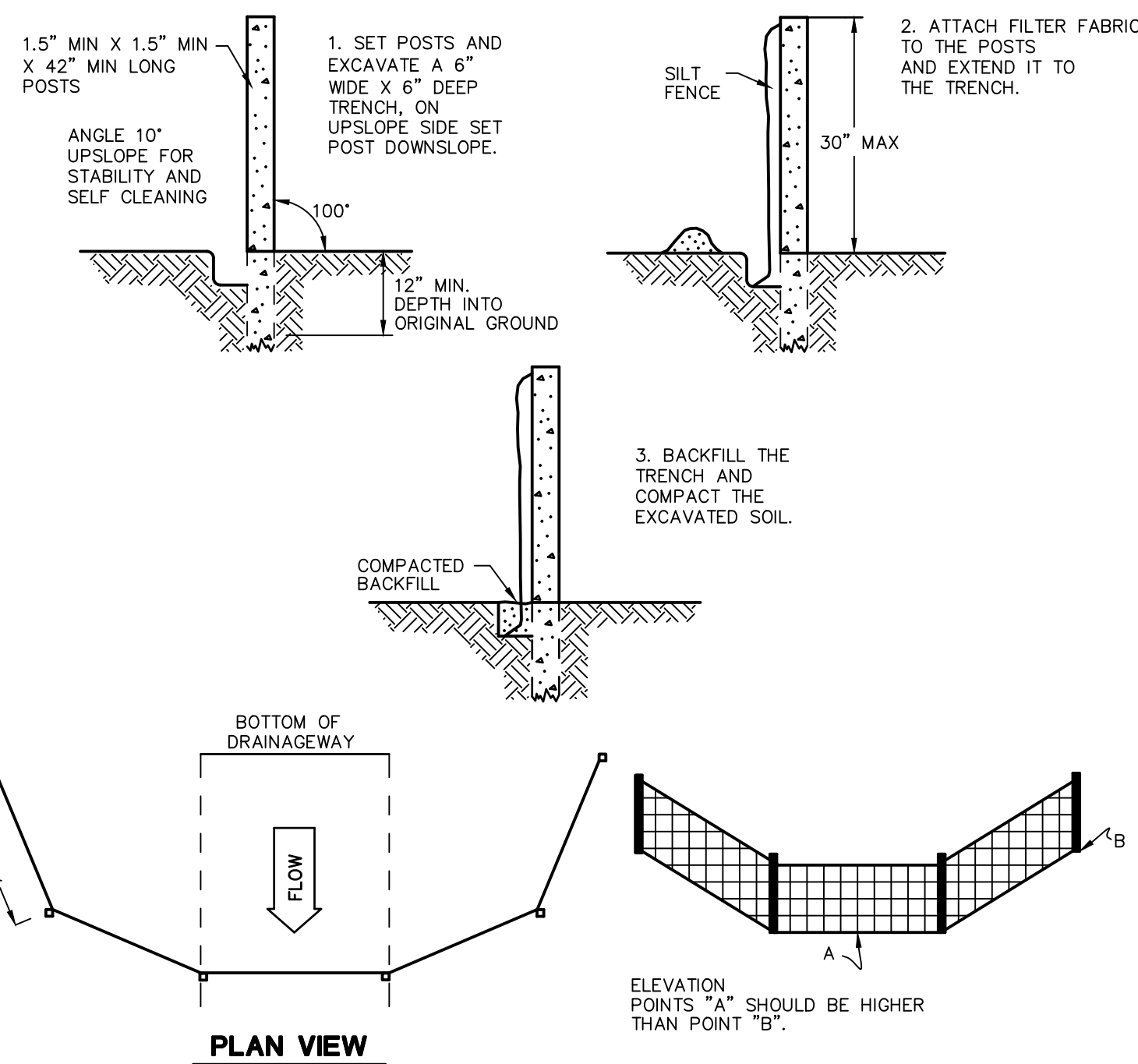
- NOTES:
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
 2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.
 3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.
 4. STOCKPILE HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

* WHERE SEDIMENTS CONTAIN LESS THAN 80% SAND, A 100 FT MINIMUM IS REQUIRED.



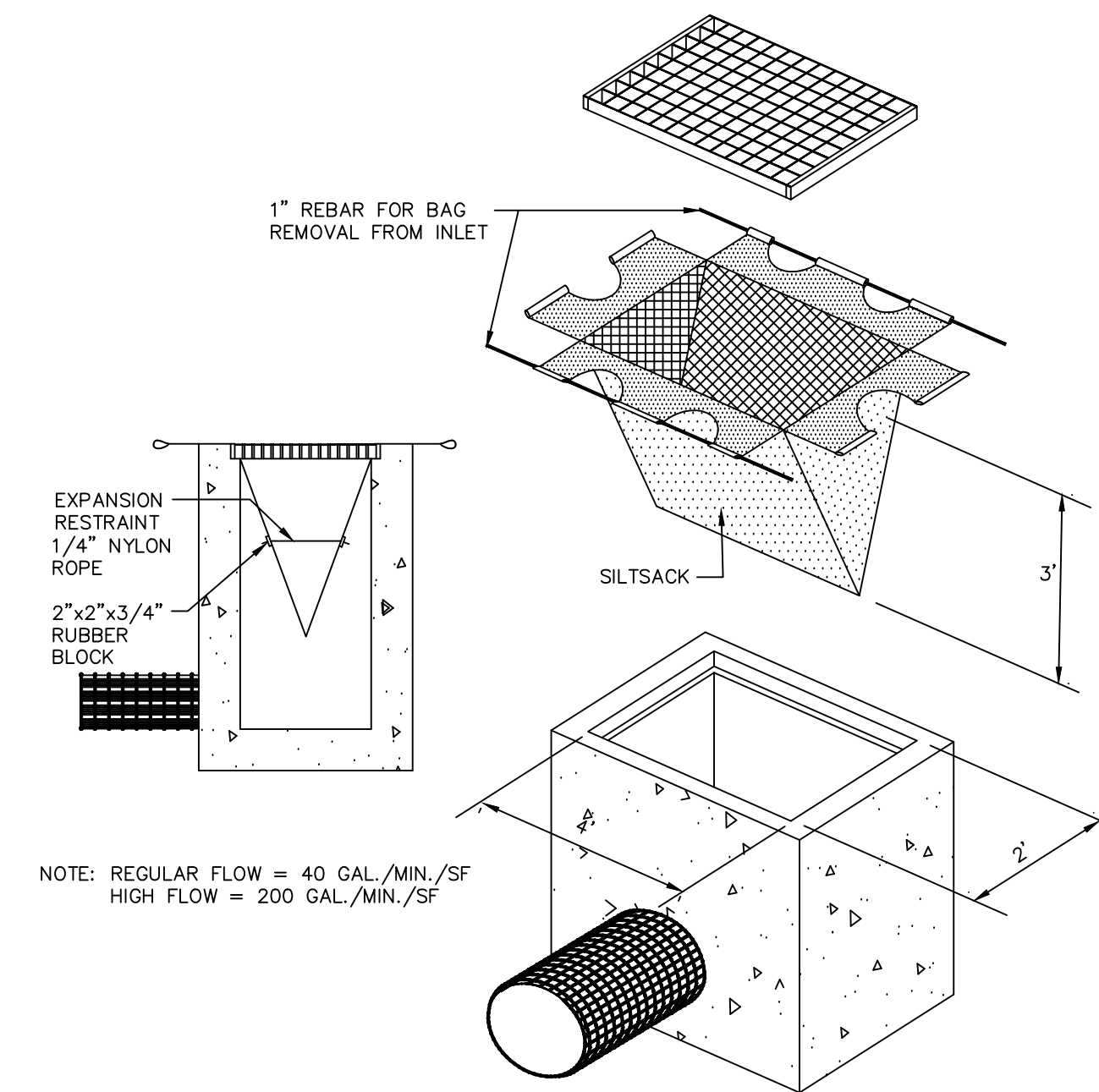
TYPICAL CONSTRUCTION ENTRANCE

N.T.S. CT DEEP CE-2



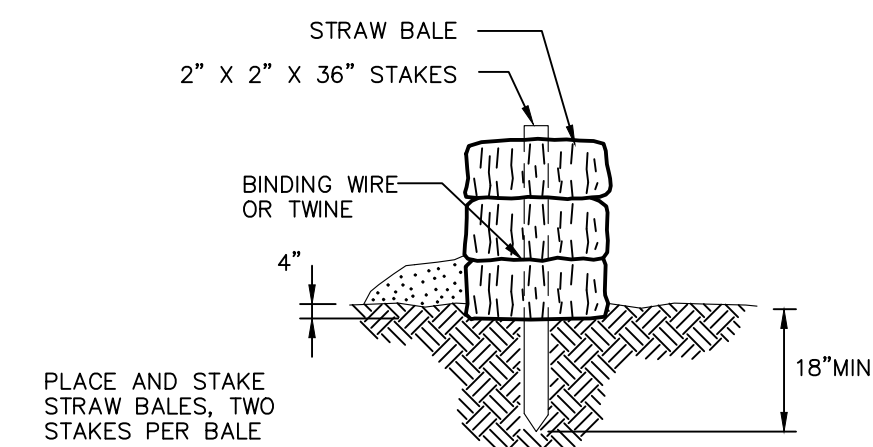
SILT FENCE BARRIER

N.T.S. CTEC-003



SILTSACK DETAIL

N.T.S. BLEC-005



STRAW BALE BARRIERS SHOULD NOT BE USED FOR MORE THAN 3 MONTHS
SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE ABOVE GROUND HEIGHT OF THE BARRIER.
ANY SECTION OF STRAW BALE BARRIER WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.

STRAW BALE DETAIL

N.T.S. BLEC-007

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REVISIONS

No.	Date	Desc.
1.	2/19/21	REVISED PER STAFF COMMENTS

Designed	A.T.K.
Drawn	A.T.K.
Reviewed	
Scale	NONE
Project No.	2001236
Date	01/08/21
CAD File:	EC200123601

Title
SEDIMENT AND EROSION CONTROL DETAILS

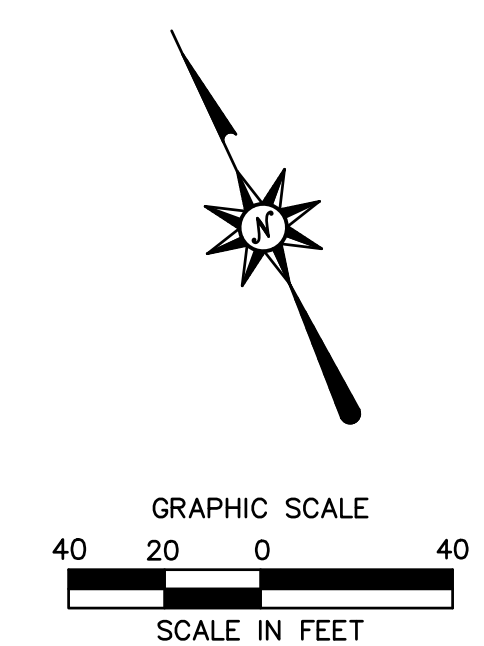
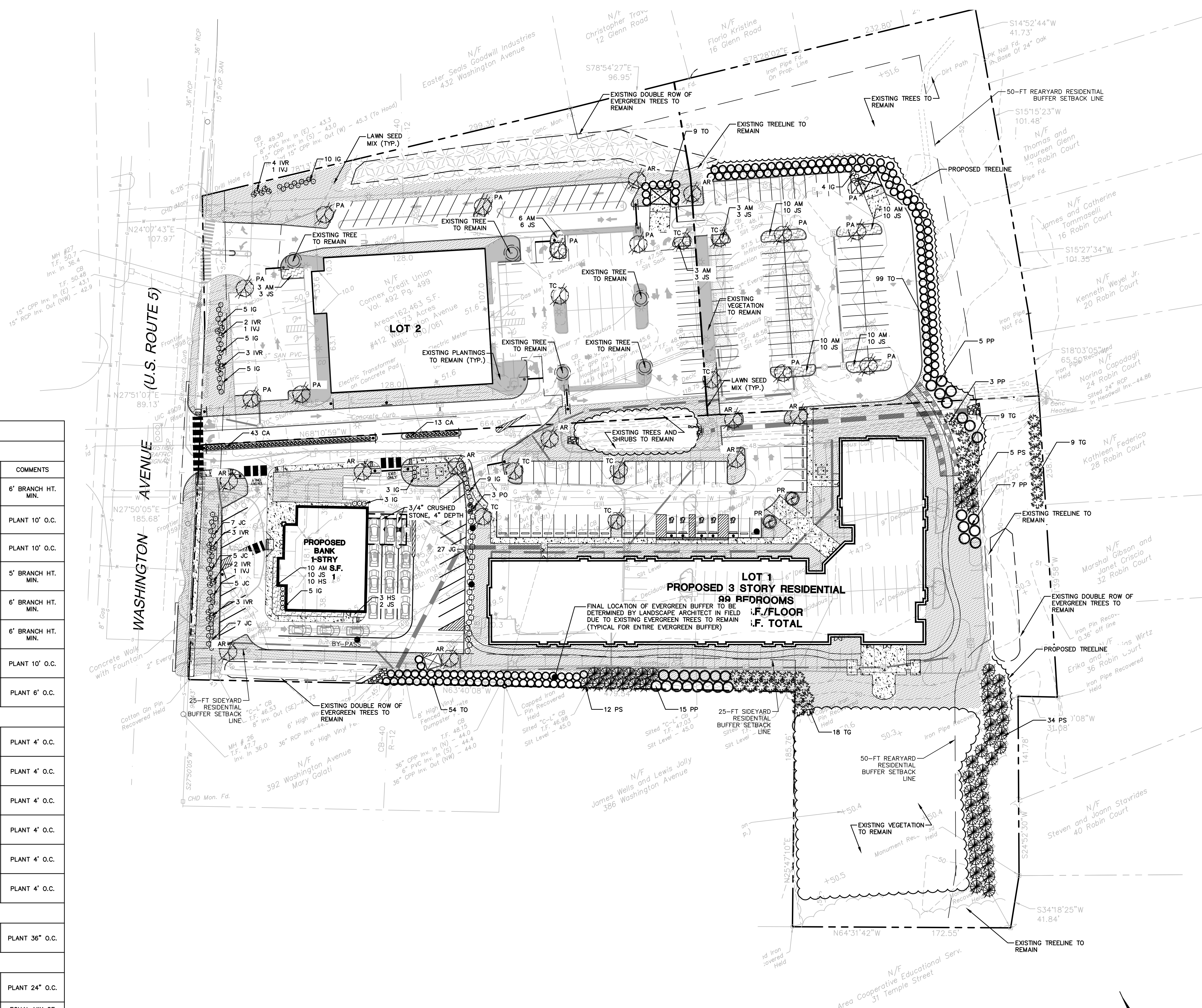
Sheet No.

LEGEND

- PATTERN DESCRIPTION**
- LAWN SEED MIX (REFER TO SEED MIXES ON SHEET LL-2)
 - PERENNIALS/GROUNDCOVERS (REFER TO PLANT SCHEDULE THIS PAGE)
 - EXISTING PLANTINGS TO REMAIN
 - EXISTING TREE TO REMAIN AND BE PROTECTED
 - PROPOSED DECIDUOUS TREE
 - PROPOSED EVERGREEN TREE
 - PROPOSED ORNAMENTAL TREE
 - PROPOSED DECIDUOUS SHRUB
 - PROPOSED EVERGREEN SHRUB
 - PROPOSED ORNAMENTAL GRASS

LANDSCAPE PLANT SCHEDULE						
TREES						
KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	COMMENTS
AR	11	Acer rubrum 'Franksred'	RED SUNSET RED MAPLE	B&B	2" CAL. MIN.	6' BRANCH HT. MIN.
PP	30	Picea pungens var. glauca	COLORADO BLUE SPRUCE	B&B	6" HT. MIN.	PLANT 10' O.C.
PS	51	Pinus strobus	EASTERN WHITE PINE	B&B	6" HT. MIN.	PLANT 10' O.C.
PR	2	Prunus x incam 'Okame'	OKAME FLOWERING CHERRY	B&B	2" CAL. MIN.	5' BRANCH HT. MIN.
PA	11	Platanus x acerifolia 'Marlon's Circle'	EXCLAMATION! PLANETREE	B&B	2" CAL. MIN.	6' BRANCH HT. MIN.
TC	8	Tilia cordata 'Greenspire'	LITTLE-LEAF LINDEN	B&B	2" CAL. MIN.	6' BRANCH HT. MIN.
TG	36	Thuja plicata 'Green Giant'	GREEN GIANT ARBORVITAE	B&B	6" HT. MIN.	PLANT 10' O.C.
TO	162	Thuja occidentalis 'Techny'	TECHNY ARBORVITAE	B&B OR CONT.	6" HT. MIN.	PLANT 6' O.C.
SHRUBS						
IG	49	Ilex glabra 'Compacta'	COMPACT INKBERRY	CONT.	36" HT. MIN.	PLANT 4' O.C.
IVR	17	Ilex verticillata 'Red Sprite'	RED SPRITE WINTERBERRY	CONT.	30" HT. MIN.	PLANT 4' O.C.
IVJ	3	Ilex verticillata 'Jim Dandy'	JIM DANDY WINTERBERRY	CONT.	30" HT. MIN.	PLANT 4' O.C.
JC	24	Juniperus chinensis 'Pfitzeriana Compacta'	COMPACT PFITZER JUNIPER	CONT.	30" HT. MIN.	PLANT 4' O.C.
JG	27	Juniperus chinensis 'Sea Green'	SEA GREEN JUNIPER	CONT.	36" HT. MIN.	PLANT 4' O.C.
PO	3	Physocarpus opulifolius 'Diabolo'	PURPLE NINEBARK	CONT.	30" HT. MIN.	PLANT 4' O.C.
ORNAMENTAL GRASSES						
CA	56	Calamagrostis x oculiflora 'Karl Foerster'	FOERSTER FEATHER REED GRASS	CONT.	24" HT. MIN.	PLANT 36" O.C.
PERENNIALS AND GROUNDCOVERS						
AM	65	Aronia melanocarpa 'UCONNAM165'	LOW SCAPE MOUND CHOKEBERRY	CONT.	12" HT. MIN.	PLANT 24" O.C.
HS	13	Hemerocallis sp.	DAYLILY	CONT.	12" HT. MIN.	EQUAL MIX OF THREE COLORS, PLANT 24" O.C.
JS	66	Juniper squamata 'Blue Star'	BLUE STAR JUNIPER	CONT.	12" SPD. MIN.	PLANT 24" O.C.

- NOTES:**
- 1) ALL SUBSTITUTIONS MUST RECEIVE APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO SITE.
 - 2) PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLAN DRAWINGS; THE QUANTITIES IN THE PLANT LIST ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE LARGER QUANTITY SHALL APPLY.
 - 3) IF THERE IS A DISCREPANCY BETWEEN BOTANICAL AND COMMON NAME, BOTANICAL NAME PREVAILS.
 - 4) ALL MAINTAINED LANDSCAPED AREAS TO BE SERVICED BY AN AUTOMATIC SPRINKLER SYSTEM.



SEE SHEET LL-2 FOR LANDSCAPE NOTES AND DETAILS

FOR PERMITTING PURPOSES ONLY NOT RELEASED FOR CONSTRUCTION



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Meriden, CT 06450
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PROPOSED MULTI-USE DEVELOPMENT
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, CT

REVISIONS
No. 1
Date 2/1/21
REVISED PER STAFF COMMENTS

Designed L.M.W.
Drawn L.M.W.
Reviewed W.E.V.
Scale 1"=40'
Project No. 2001236
Date 01/08/21

CAD File: LL200123601
Title: LANDSCAPE PLAN

Sheet No.

LL-1

SITE WORK GENERAL NOTES

- 1. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION.
2. ALL CONSTRUCTION SHALL COMPLY WITH MUNICIPAL STANDARDS AND SPECIFICATIONS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, ADA STANDARDS, AND STATE BUILDING CODE IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
3. REFER TO OTHER PLANS BY OTHER DISCIPLINES, DETAILS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE AND BUILDING CONDITIONS IN THE FIELD AND CONTACT THE CIVIL ENGINEER AND ARCHITECT IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS, SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO BIDDING.
4. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
5. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF THE CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORD DRAWINGS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES AND STORMWATER SYSTEM) TO THE OWNER AT THE END OF CONSTRUCTION.
7. THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL, THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
8. THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
9. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL OR COUNTY OR STATE RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT CT CALLED BEFORE YOU DIG (CBYD) 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800) 822-4455 OR AT 811 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS. THE CONTRACTOR SHALL EMPLOY THE USE OF A UTILITY LOCATING COMPANY TO PROVIDE SURFACE UTILITY ENGINEERING CONSISTING OF DESIGNATING UTILITIES AND STORM PIPING ON PRIVATE PROPERTY WITHIN THE CONTRACT LIMIT AND CONSISTING OF DESIGNATING AND LOCATING WHERE PROPOSED UTILITIES AND STORM PIPING CROSS EXISTING UTILITIES AND STORM PIPING WITHIN THE CONTRACT LIMITS.
10. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
11. IF PLANS AND OR SPECIFICATIONS ARE IN CONFLICT, THE MOST COSTLY SHALL APPLY.
12. ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION. PLAN SETS OR PLAN SET ELECTRONIC POSTINGS SHALL NOT BE DISASSEMBLED INTO PARTIAL PLAN SETS FOR USE BY CONTRACTORS AND SUBCONTRACTORS OF INDIVIDUAL TRADES. IT SHALL BE THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO OBTAIN COMPLETE PLAN SETS OR COMPLETE PLAN SET ELECTRONIC POSTINGS FOR USE IN BIDDING AND CONSTRUCTION.
13. ALL NOTES AND DIMENSIONS DESIGNATED 'TYPICAL' APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
14. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
15. BL COMPANIES WILL PREPARE FINAL CONSTRUCTION DOCUMENTS SUITABLE FOR BIDDING AND CONSTRUCTION. PROGRESS SETS OF THESE DOCUMENTS ARE NOT SUITABLE FOR THOSE PURPOSES. IF CLIENT ELECTS TO SOLICIT BIDS OR ENTER INTO CONSTRUCTION CONTRACTS UTILIZING CONSTRUCTION DOCUMENTS THAT ARE NOT YET FINAL, CONSULTANT SHALL NOT BE RESPONSIBLE FOR ANY COSTS OR DELAY ARISING AS A RESULT.
16. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
17. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT AND OBTAIN FROM MUNICIPAL SOURCES ALL CONSTRUCTION PERMITS, INCLUDING ANY STATE DOT PERMITS, SEWER AND WATER CONNECTION PERMITS, AND ROADWAY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK EXCEPT CTDOT ENCROACHMENT PERMIT BOND.
18. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS PER PLANS AND SPECIFICATIONS TO THE OWNER AND CIVIL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
19. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE SEDIMENT AND EROSION CONTROL PLAN.
20. THE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDING, DRIVE-THRU AREA, AND THE RAISED CONCRETE SIDEWALKS, LANDINGS, RAMPS, AND STAIRS.
21. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE CIVIL ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
22. ALL SITE DIMENSIONS ARE REFERENCED TO THE FACE OF CURBS OR EDGE OF PAVING AS APPLICABLE UNLESS OTHERWISE NOTED. ALL BUILDING DIMENSIONS ARE REFERENCED TO THE OUTSIDE FACE OF THE STRUCTURE.
23. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES, TEMPORARY WALKWAYS, TRAFFIC CONTROLLERS AND UNIFORMED TRAFFIC OFFICERS AS REQUIRED OR AS ORDERED BY THE ENGINEER OR AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES OR AS REQUIRED BY PERMIT STIPULATIONS OR AS REQUIRED BY THE OWNER. CONTRACTOR SHALL MAINTAIN ALL TRAFFIC LANES AND PEDESTRIAN WALKWAYS FOR USE AT ALL TIMES UNLESS WRITTEN APPROVAL FROM THE APPROPRIATE GOVERNING AGENCY IS GRANTED.
24. TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB WITH THE EDGE OF THE SIGN 2' OFF THE FACE OF THE CURB, AND WITH 7' VERTICAL CLEARANCE UNLESS OTHERWISE DETAILED OR NOTED.
25. REFER TO DETAIL SHEETS FOR PAVEMENT, CURBING, AND SIDEWALK INFORMATION.
26. THE CONTRACT LIMIT IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
27. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PAVEMENT MARKING PAINT MIXTURE PRIOR TO STRIPING.
28. PAVEMENT MARKING KEY:
4" SYDL 4" SOLID YELLOW DOUBLE LINE
4" SYL 4" SOLID YELLOW LINE
4" SWL 4" SOLID WHITE LINE
12" SWSB 12" SOLID WHITE STOP BAR
4" BWL 4" BROKEN WHITE LINE 10' STRIPE 30" SPACE
29. PARKING SPACES SHALL BE STRIPED WITH 4" SWL; HATCHED AREA SHALL BE STRIPED WITH 4" SWL AT A 45° ANGLE, 2' ON CENTER. HATCHING, SYMBOLS, AND STRIPING FOR HANDICAPPED SPACES SHALL BE PAINTED WHITE AND BLUE OTHER MARKINGS SHALL BE PAINTED WHITE OR AS NOTED.
30. ALL PARKING SPACES AND HATCHED AREAS SHALL HAVE TWO COATS OF PAVEMENT MARKINGS APPLIED TO STRIPING.
31. PAVEMENT MARKINGS SHALL BE HOT APPLIED TYPE IN ACCORDANCE WITH STATE DOT SPECIFICATIONS, UNLESS WHERE EPOXY RESIN PAVEMENT MARKINGS ARE INDICATED.
32. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS, SWALE, PAVEMENT MARKINGS, OR SIGNAGE DISTURBED DURING DEMOLITION AND/OR CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE CIVIL ENGINEER, AND TO THE SATISFACTION OF THE OWNER AND THE TOWN OF NORTH HAVEN.
33. EXISTING BOUNDARY AND TOPOGRAPHY IS BASED ON DRAWING TITLED 'LANDS OF CONNEX CREDIT UNION - BOUNDARY/TOPOGRAPHIC SURVEY' SCALE 1"=40', DATED 01/08/2021, PREPARED BY BL COMPANIES INC.
34. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, CIVIL ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
35. CTDOT ENCROACHMENT PERMIT WILL BE REQUIRED AND SHALL BE OBTAINED BY CONTRACTOR WHO SHALL PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC PROTECTION NECESSARY FOR THE WORK. THE OWNER SHALL POST CTDOT ENCROACHMENT PERMIT BOND.
36. AN EROSION CONTROL BOND IS REQUIRED TO BE POSTED BY THE CONTRACTOR BEFORE THE START OF ANY ACTIVITY ON OR OFF SITE. THE AMOUNT OF THE EROSION CONTROL BOND WILL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
37. A DEMOLITION PERMIT IS REQUIRED FOR EXISTING BUILDINGS.
38. THE SITE IS CURRENTLY SERVICED BY PUBLIC WATER.
39. NO PART OF THE PROJECT PARCEL IS LOCATED WITHIN ANY FEMA DESIGNATED FLOOD HAZARD AREAS.
40. THERE ARE NO WETLANDS LOCATED ON THE SITE AS INDICATED BY ERIC DAWSON, CERTIFIED PROFESSIONAL WETLAND SCIENTIST AND REGISTERED SOIL SCIENTIST OF DAVISON ENVIRONMENTAL.
41. 12" SWSB (STOP BAR) AND 4" SYDL AND SWL PAVEMENT MARKINGS LOCATED IN DRIVEWAYS AND IN STATE HIGHWAY SHALL BE EPOXY RESIN TYPE ACCORDING TO CONDOT SPECIFICATIONS.
42. FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE DISTRICT FIRE MARSHAL.
43. THE CONTRACTOR SHALL REMOVE CONFLICTING PAVEMENT MARKINGS IN THE ROADWAY BY METHOD APPROVED BY THE AUTHORITY HAVING JURISDICTION OR DOT AS APPLICABLE FOR THE LOCATION OF THE WORK.
44. ALL ADA DESIGNATED PARKING STALLS, ACCESS AISLES AND PEDESTRIAN WALKWAYS SHALL CONFORM TO THE CURRENT VERSION OF THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN AND ANSI STANDARDS AND AS MAY BE SUPERCEDED BY THE STATE BUILDING CODE.
45. CONSTRUCTION OCCURRING ON THIS SITE SHALL COMPLY WITH NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS, AND CHAPTER 16 OF NFPA 1 UNIFORM FIRE CODE.
46. ALL BUILDINGS, INCLUDING FOUNDATION WALLS AND FOOTINGS AND BASEMENT SLABS INDICATED ON THE DEMOLITION PLAN ARE TO BE REMOVED FROM THE SITE. CONTRACTOR SHALL SECURE ANY PERMITS, PAY ALL FEES AND PERFORM CLEARING AND GRUBBING AND DEBRIS REMOVAL PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
47. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN AND/OR DEMOLITION PLAN SHALL BE INSTALLED BY THE DEMOLITION CONTRACTOR PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS.
48. REMOVE AND DISPOSE OF ANY SIDEWALKS, FENCES, STAIRS, WALLS, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF SITE LANDFILL, BY AN APPROVED HAULER. HAULER SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS.
49. THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION AND DISPOSAL OF HIS DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BONDS AND PAY PERMIT FEES AS REQUIRED. BUILDING DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITS AND DISPOSAL OF ALL BUILDING DEMOLITION DEBRIS IN AN APPROVED OFF-SITE LANDFILL.

- 50. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL ABATEMENT CONTRACTOR.
51. THE CONTRACTOR SHALL PREPARE ALL MANIFEST DOCUMENTS AS REQUIRED PRIOR TO COMMENCEMENT OF DEMOLITION.
52. THE CONTRACTOR SHALL CUT AND PLUG, OR ARRANGE FOR THE APPROPRIATE UTILITY PROVIDER TO CUT AND PLUG ALL SERVICE PIPING AT THE STREET LINE OR AT THE MAIN, AS REQUIRED BY THE UTILITY PROVIDER, OR AS OTHERWISE NOTED OR SHOWN ON THE CONTRACT DRAWINGS. ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN. THE CONTRACTOR SHALL INVESTIGATE THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF SERVICE PIPING TO BE REMOVED, CUT OR PLUGGED. THE CONTRACTOR SHALL PAY ALL UTILITY PROVIDER FEES FOR ABANDONMENTS AND REMOVALS.
53. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS AND PROPERTY CORNERS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. ANY CONTRACTOR DISTURBING PINS, MONUMENTS, AND/OR PROPERTY CORNERS, ETC. SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
54. THE DEMOLITION CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION CONTROL MEASURES IN PLACE UNTIL THE COMPLETION OF HIS WORK OR UNTIL THE COMMENCEMENT OF WORK BY THE SITE CONTRACTOR, WHICHEVER OCCURS FIRST, AS REQUIRED OR DEEMED NECESSARY BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE SITE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF EXISTING EROSION AND SEDIMENTATION CONTROLS AND FOR INSTALLATION OF ANY NEW SEDIMENT AND EROSION CONTROLS AS PER THE SEDIMENT AND EROSION CONTROL PLAN, AT THAT TIME.
55. THE CONTRACTOR SHALL PUMP OUT BUILDING FUEL AND WASTE OIL TANKS (IF ANY ARE ENCOUNTERED) AND REMOVE FUEL TO AN APPROVED DISPOSAL AREA BY A LICENSED WASTE OIL HANDLING CONTRACTOR IN STRICT ACCORDANCE WITH STATE REQUIREMENTS.
56. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
57. EXISTING WATER SERVICES SHALL BE DISCONNECTED AND CAPPED AT MAIN IN ACCORDANCE WITH THE REQUIREMENTS OF THE WATER UTILITY PROVIDER. REMOVE EXISTING ONSITE WATER PIPING TO BE ABANDONED TO RIGHT OF WAY LINE UNLESS OTHERWISE SHOWN ON DEMOLITION PLANS OR AS REQUIRED BY THE WATER UTILITY PROVIDER TO BE REMOVED TO MAIN.
58. EXISTING SANITARY LATERAL SHALL BE PLUGGED WITH NON-SHRINK GROUT AT CURB LINE OR AT MAIN CONNECTION IN ACCORDANCE WITH THE SANITARY UTILITY PROVIDER REQUIREMENTS. REMOVE EXISTING LATERAL PIPING FROM SITE UNLESS OTHERWISE SHOWN ON DEMOLITION PLANS OR AS REQUIRED BY THE SANITARY UTILITY PROVIDER.
59. DOMESTIC GAS SERVICES SHALL BE CAPPED AND SERVICE LINES PURGED OF RESIDUAL GAS IN ACCORDANCE WITH THE GAS UTILITY PROVIDER REQUIREMENTS. WORK TO BE COORDINATED BY AND PAID FOR BY THE CONTRACTOR. REMOVE EXISTING SERVICE PIPING ON SITE. ANY PROPANE TANKS SHALL BE PURGED OF RESIDUAL GAS BY PROPANE SUPPLIER. CONTRACTOR SHALL COORDINATE THIS WORK AND PAY NECESSARY FEES.
60. THE CONTRACTOR SHALL PROVIDE DISCONNECT NOTIFICATION TO THE MUNICIPALITY ENGINEERING DEPARTMENT, TELECOMMUNICATIONS UTILITY PROVIDER, GAS UTILITY PROVIDER, ELECTRIC UTILITY PROVIDER, SANITARY UTILITY PROVIDER, AND WATER UTILITY PROVIDER AT LEAST THREE WEEKS PRIOR TO BEGINNING DEMOLITION.
61. THE CONTRACTOR IS RESPONSIBLE FOR SECURING A DEMOLITION PERMIT FROM THE TOWN OF NORTH HAVEN BUILDING DEPARTMENT AND MUST FURNISH THE REQUIRED APPLICATION MATERIAL AND PAY ALL FEES.
62. BACK FILL DEPRESSIONS, FOUNDATION HOLES AND REMOVED DRIVEWAY AREAS IN LOCATIONS NOT SUBJECT TO FURTHER EXCAVATION WITH SOIL MATERIAL APPROVED BY THE OWNER'S GEOTECHNICAL ENGINEER AND COMPACT, FERTILE, SEED AND MULCH DISTURBED AREAS NOT SUBJECT TO FURTHER SITE CONSTRUCTION, DEMOLISHED BUILDING FOUNDATION AREA AND BASEMENT IF PRESENT TO BE BACKFILLED WITH GRAVEL FILL OR MATERIAL SPECIFIED IN THE PROJECT GEOTECHNICAL REPORT IN LIFT THICKNESS SPECIFIED IN THE GEOTECHNICAL REPORT. COMPACT TO 95% MAX. DRY DENSITY PER ASTM D1557 AT MOISTURE CONTENT SPECIFIED IN GEOTECHNICAL REPORT AND EARTHWORK SPECIFICATION. EMPLOY WATERING EQUIPMENT FOR DUST CONTROL.
63. THE CONTRACTOR SHALL REPAIR PAVEMENTS BY INSTALLING TEMPORARY AND PERMANENT PAVEMENTS IN PUBLIC RIGHTS OF WAYS AS REQUIRED BY LOCAL GOVERNING AUTHORITIES AND THE MUNICIPALITY AND PER PERMIT REQUIREMENTS DUE TO DEMOLITION AND PIPE REMOVAL ACTIVITIES.
64. THE CONTRACTOR SHALL CUT AND REMOVE AT LUMINAIRE AND SIGN LOCATIONS ANY PROTRUDING CONDUITS TO 24" BELOW GRADE. THE CONTRACTOR SHALL REMOVE ALL CABLE AND CONDUCTORS FROM REMAINING LIGHTING AND SIGNING CONDUITS TO BE ABANDONED. ANY REMAINING LIGHTING TO REMAIN IN PLACE SHALL BE RECONFIGURED OR REMOVED AS NECESSARY TO REMAIN IN OPERATION.
65. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH OWNER AND THE CIVIL ENGINEER IS PERFORMED. THE CONTRACTOR SHALL BE AWARE OF ANY SITE INFORMATION AVAILABLE SUCH AS GEOTECHNICAL AND ENVIRONMENTAL REPORTS. THE CONTRACTOR SHALL HAVE CBYD MARK OUTS OF EXISTING UTILITIES COMPLETED PRIOR TO MEETING.
66. THE CONTRACTOR SHALL ARRANGE FOR AND INSTALL TEMPORARY OR PERMANENT UTILITY CONNECTIONS WHERE INDICATED ON PLAN OR AS REQUIRED. MAINTAIN UTILITY SERVICES TO BUILDINGS OR TO SERVICES TO REMAIN. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS FOR INSTALLATION AND PAY UTILITY PROVIDER FEES.
67. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER.
68. THE CONTRACTOR OR DEMOLITION CONTRACTOR SHALL INSTALL TEMPORARY SHEETING OR SHORING AS NECESSARY TO PROTECT EXISTING AND NEW BUILDINGS, STRUCTURES AND UTILITIES DURING CONSTRUCTION AND DEMOLITION. SHEETING OR SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, LICENSED IN THIS STATE AND EVIDENCE OF SUCH SUBMITTED TO THE OWNER PRIOR TO INSTALLATION.
69. NO SALVAGE SHALL BE PERMITTED UNLESS PAID TO THE OWNER AS A CREDIT.
70. ANY EXISTING POTABLE WELL AND ANY EXISTING SEPTIC TANKS/ABSORPTION AREAS SHALL BE ABANDONED AND REMOVED PER THE CTDDEEP AND HEALTH CODE REQUIREMENTS.
71. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS. REFER TO SEDIMENT AND EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND EROSION CONTROL NOTES.
72. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR USE IN FINAL LANDSCAPING.
73. SUBGRADE SHALL BE FORMED WITH REMOVAL AND REPLACEMENT OF FILL AND REMOVAL AND REPLACEMENT OF UNSUITABLE AND SOFT SUBGRADE MATERIAL AS REQUIRED BY THE GEOTECHNICAL ENGINEER. SEE GEOTECHNICAL REPORT AND EARTHWORK SPECIFICATIONS FOR FURTHER DESCRIPTION.
74. THE CONTRACTOR SHALL COMPACT FILL IN LIFT THICKNESS PER THE GEOTECHNICAL REPORT UNDER ALL PARKING, BUILDING, DRIVE, AND STRUCTURE AREAS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST), OR AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
75. UNDERDRAINS SHALL BE ADDED, IF DETERMINED NECESSARY BY THE FIELD BY THE OWNER/GEOTECHNICAL ENGINEER, AFTER SUBGRADE IS ROUGH GRADED.
76. VERTICAL DATUM IS NAVD 88.
77. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE TOWN OF NORTH HAVEN AGENT PRIOR TO THE START OF WORK ON THE SITE.
78. PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH THE REGULATIONS OF THE CT DEEP AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION. IN ADDITION, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE SEDIMENT AND EROSION CONTROL PLAN CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY THE LOCAL MUNICIPALITIES, WHICH WILL GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
79. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. OTHERWISE THIS WORK SHALL CONFORM TO THE CONNECTICUT DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND PROJECT GEOTECHNICAL REPORT IF THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS, AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPACTED IN LIFT THICKNESSES PER THE PROJECT GEOTECHNICAL REPORT TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT MOISTURE CONTENT INDICATED IN PROJECT GEOTECHNICAL REPORT.
80. ALL DISTURBANCE INCURRED TO MUNICIPAL AND STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE MUNICIPALITY AND STATE AS APPLICABLE FOR THE LOCATION OF THE WORK.
81. ALL CONSTRUCTION WITHIN A DOT RIGHT OF WAY SHALL COMPLY WITH ALL DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
82. THE UTILITY PLAN DETAILS SITE INSTALLED PIPES UP TO 6" FROM THE BUILDING FACE. REFER TO DRAWINGS BY ARCHITECT FOR BUILDING CONNECTIONS. SITE CONTRACTOR SHALL SUPPLY AND INSTALL PIPE ADAPTERS AS NECESSARY AT BUILDING CONNECTION POINT OR AT EXISTING UTILITY OR PIPE CONNECTION POINT.
83. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROPOSED SANITARY SEWERS AND WHERE PROPOSED STORM PIPING WILL CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE CIVIL ENGINEER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED SANITARY SEWERS, STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
84. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
85. THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
86. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
87. ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY AND/OR PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE OWNER HAVING JURISDICTION.
88. ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
89. SANITARY LATERAL SHALL MAINTAIN (10' MIN. HORIZONTAL 1.5' VERTICAL MIN.) SEPARATION DISTANCE FROM WATER LINES, OR ADDITIONAL PROTECTION MEASURES WILL BE REQUIRED WHERE PERMITTED, WHICH SHALL INCLUDE CONCRETE ENCASEMENT OF PIPING UNLESS OTHERWISE DIRECTED BY THE UTILITY PROVIDERS AND CIVIL ENGINEER.
90. RELOCATION OF UTILITY PROVIDER FACILITIES SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
91. THE CONTRACTOR SHALL COMPACT THE PIPE BACKFILL IN 6" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS. A PIPE FOUNDATION SHALL BE USED PER THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
92. CONTRACTOR TO PROVIDE STEEL SLEEVES AND ANNULAR SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER FOOTINGS.
93. BUILDING UTILITY PENETRATIONS AND LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE BUILDING MEP, STRUCTURAL, AND ARCHITECTURAL DRAWINGS AND WITH THE OWNER'S CONSTRUCTION MANAGER.
94. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
95. A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED. A SIX-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM PIPING AND SANITARY SEWER WITH A CONCRETE ENCASEMENT. AN 18-INCH TO 6-INCH VERTICAL CLEARANCE BETWEEN SANITARY SEWER PIPING AND STORM PIPING SHALL REQUIRE CONCRETE ENCASEMENT OF THE PROPOSED

- PIPING.
96. GRAVITY SANITARY SEWER PIPING AND PRESSURIZED WATERLINES SHALL BE LOCATED IN SEPARATE TRENCHES AT LEAST 10 FEET APART WHENEVER POSSIBLE. WHEN INSTALLED IN THE SAME TRENCH, THE WATER PIPE SHALL BE LAID ON A TRENCH BENCH AT LEAST 18 INCHES ABOVE THE TOP OF THE SANITARY SEWER PIPE AND AT LEAST 12 INCHES (PREFERABLY 18 INCHES) FROM THE SIDE OF THE SANITARY SEWER PIPE TRENCH.
97. SITE CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC., AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB OUTS, INCLUDING ROOF/FOOTING DRAIN CONNECTIONS TO ROOF LEADERS AND TO STORM DRAINAGE SYSTEM.
98. MANHOLE RIMS AND CATCH BASIN GRATES SHALL BE SET TO ELEVATIONS SHOWN. SET ALL EXISTING MANHOLE RIMS AND VALVE COVERS TO BE RAISED OR LOWERED FLUSH WITH FINAL GRADE AS NECESSARY.
99. SITE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
100. CONTRACTOR SHALL COORDINATE INSTALLATION FOR ELECTRICAL SERVICES TO PYLON SIGNS AND SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
101. THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
102. ELECTRIC AND TELECOMMUNICATIONS SERVICES SHALL BE INSTALLED UNDERGROUND FROM SERVICE POLE SNET #1597. THE CONTRACTOR SHALL PROVIDE AND INSTALL AND BACKFILL 2-4" PVC CONDUITS FOR TELECOMMUNICATIONS SERVICE, 2-4" PVC CONDUITS FOR ELECTRIC SERVICE PRIMARY, PVC CONDUITS FOR ELECTRICAL SECONDARY PER BUILDING ELECTRICAL PLANS, (SCHEDULE 80 UNDER PAVEMENT, SCHEDULE 40 IN NON PAVEMENT AREAS). SERVICES MAY BE INSTALLED IN A COMMON TRENCH WITH 12" CLEAR SPACE BETWEEN. MINIMUM COVER IS 36" ON ELECTRIC CONDUITS, AND 24" ON TELECOMMUNICATIONS CONDUITS. SERVICES SHALL BE MARKED WITH MAGNETIC LOCATOR TAPE AND SHALL BE BEDDED, INSTALLED, AND BACKFILLED IN ACCORDANCE WITH ELECTRIC UTILITY PROVIDER, AND TELECOMMUNICATIONS COMPANY STANDARDS. GALVANIZED STEEL ELECTRICAL CONDUIT SHALL BE USED AT POLE AND TRANSFORMER LOCATIONS. INSTALL HANDHOLES AS REQUIRED TO FACILITATE INSTALLATION AND AS REQUIRED BY UTILITY PROVIDER. INSTALL TRAFFIC LOAD QUALIFIED HANDHOLES IN VEHICULAR AREAS. INSTALL CONCRETE ENCASEMENT ON PRIMARY ELECTRIC CONDUITS IF REQUIRED BY ELECTRIC UTILITY PROVIDER.
103. ALL WATER LINES TO HAVE A MINIMUM COVER OF 4'. ALL LINES SHALL BE BEDDED IN 6" SAND AND INITIALLY BACKFILLED WITH 12" SAND.
104. ALL WATER MAINS, WATER SERVICES AND SANITARY SEWER LATERALS SHALL CONFORM TO THE APPLICABLE WATER UTILITY PROVIDER SPECIFICATIONS, AND TO THE APPLICABLE SANITARY SEWER PROVIDER SPECIFICATIONS, AS WELL AS TO OTHER APPLICABLE INDUSTRY CODES (AWWA) AND PROJECT SPECIFICATIONS FOR POTABLE WATER SYSTEMS, AND FOR SANITARY SEWER SYSTEMS.
105. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNERS, THE CIVIL ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
106. THE CONTRACTOR MAY SUBSTITUTE MASONRY STRUCTURES FOR PRECAST STRUCTURES IF APPROVED BY THE CIVIL ENGINEER AND ALLOWED BY THE GOVERNING AUTHORITY ENGINEER OR OTHER GOVERNING AUTHORITY.
107. PIPING SHALL BE LAID FROM DOWNGRADIENT END OF PIPE RUN IN AN UPGRADIENT DIRECTION WITH BELL END FACING UPGRADE IN THE DIRECTION OF PIPE LAYING.
108. MANHOLE SECTIONS AND CONSTRUCTION SHALL CONFORM TO ASTM C-478.
109. HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER 12" OR GREATER IN DIAMETER SHALL BE HI-Q SURE-LOK 10.8 PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL. HDPE PIPE SHALL HAVE SMOOTH INTERIOR AND CORRUGATED EXTERIOR AND SHALL MEET THE REQUIREMENTS OF AASHTO M294, TYPE S. PIPE SECTIONS SHALL BE JOINED WITH BELL-AND-SPOUT JOINT MEETING THE REQUIREMENTS OF AASHTO M294. THE BELL SHALL BE AN INTEGRAL PART OF THE PIPE AND PROVIDE A MINIMUM FULL-APART STRENGTH OF 400 POUNDS. THE JOINT SHALL BE WATER-TIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212. GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM F477. ALTERNATIVE HDPE PIPE MAY BE USED IF APPROVED BY THE ENGINEER AND OWNER'S CONSTRUCTION MANAGER PRIOR TO ORDERING.
110. HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE HI-Q PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL. HDPE PIPE SHALL HAVE SMOOTH INTERIOR AND CORRUGATED EXTERIOR AND SHALL MEET THE REQUIREMENTS OF AASHTO 252, TYPE S. PIPE SECTIONS SHALL BE JOINED WITH COUPLING BANDS OR EXTERNAL SNAP COUPLERS COVERING AT LEAST 2 FULL CORRUGATIONS ON EACH END OF THE PIPE. SILT-TIGHT (GASKET) CONNECTIONS SHALL INCORPORATE A CLOSED SYNTHETIC EXPANDED RUBBER GASKET. MEETING THE REQUIREMENTS OF AASHTO D1058 GRADE 2A2. GASKETS SHALL BE INSTALLED ON THE CONNECTION BY THE PIPE MANUFACTURER. ALTERNATIVE HDPE PIPE MAY BE USED IF APPROVED BY THE ENGINEER AND OWNER'S CONSTRUCTION MANAGER PRIOR TO ORDERING.
111. GAS PIPE MATERIAL SHALL BE PER GAS COMPANY REQUIREMENTS.
112. POLYVINYL CHLORIDE PIPE (PVC) FOR SANITARY PIPING SHALL HAVE BUILT-IN RUBBER GASKET JOINTS. PVCP SHALL CONFORM TO ASTM D3034 (SDR35) WITH COMPRESSION JOINTS AND MOLDED FITTINGS. PVCP SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS, ASTM D2321 AND MANUFACTURER'S RECOMMENDED PROCEDURE.
113. PVC WATER MAIN PIPING SHALL CONFORM TO AWWA C900.
114. FOLLOWING THE COMPLETION OF CONSTRUCTION, THERE WILL BE NO OUTDOOR STORAGE ALLOWED ON THE PROPERTY.
115. EXISTING STORM PIPES AND STRUCTURES TO BE REUSED, AND THE EXISTING DRAINAGE SWALE BETWEEN THE TWO LOTS, SHALL BE CLEANED OF DEBRIS AND SEDIMENT AT THE CONCLUSION OF CONSTRUCTION.

DEFINITIONS

- MUNICIPALITY SHALL MEAN: TOWN OF NORTH HAVEN
STATE SHALL MEAN: STATE OF CONNECTICUT
WATER UTILITY PROVIDER SHALL MEAN: SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
SANITARY UTILITY PROVIDER SHALL MEAN: TOWN OF NORTH HAVEN WATER POLLUTION CONTROL AUTHORITY
GAS UTILITY PROVIDER SHALL MEAN: SOUTHERN CONNECTICUT GAS COMPANY
TELECOMMUNICATIONS UTILITY PROVIDER SHALL MEAN: FRONTIER
ELECTRIC UTILITY PROVIDER SHALL MEAN: UNITED ILLUMINATING COMPANY



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PROPOSED MULTI-USE DEVELOPMENT
404 & 412 WASHINGTON AVENUE
NORTH HAVEN, CT

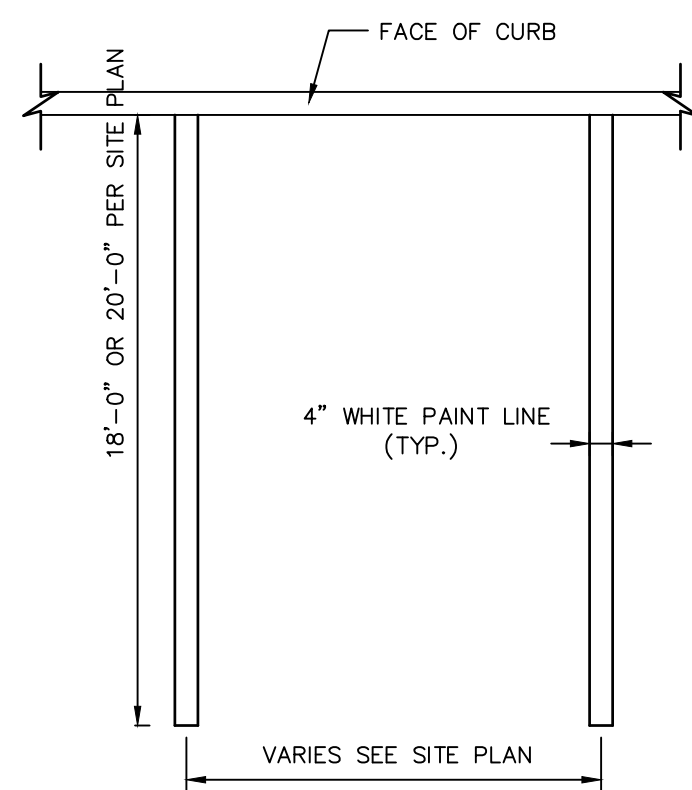
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Table with 2 columns: Designated, Drawn, Reviewed, Scale, Project No., Date, CAD File. Values: XXX, XXX, NONE, 2001238, 01/08/21, GN200123601

GENERAL NOTES

Sheet No.

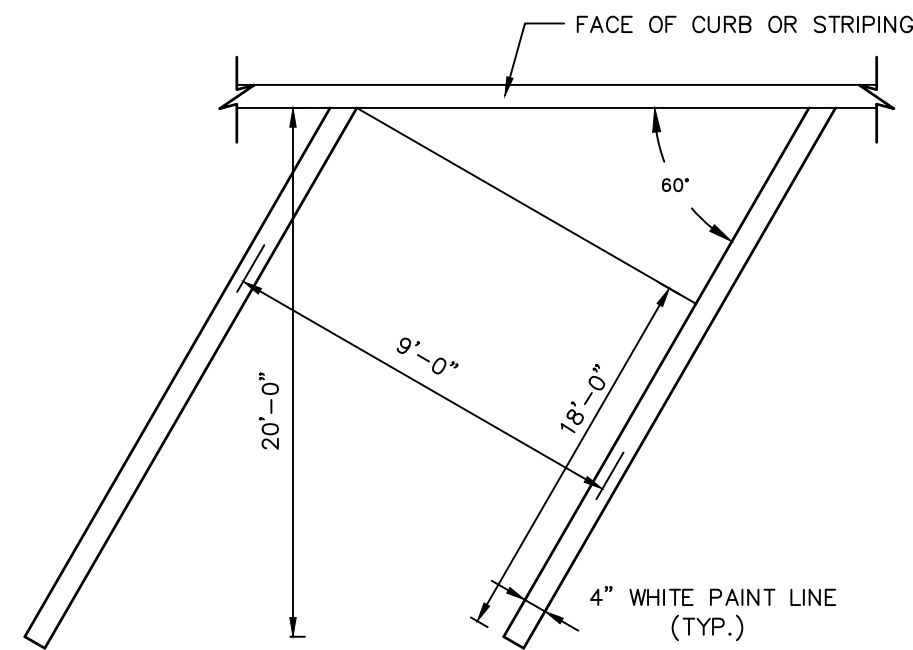
FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION



- NOTES:
1. PROVIDE 2 COATS OF PAINT ON ALL SURFACES.
 2. SEE PLAN FOR ACTUAL SPACE LOCATION AND DIMENSIONS.

TYPICAL PARKING SPACE DETAIL

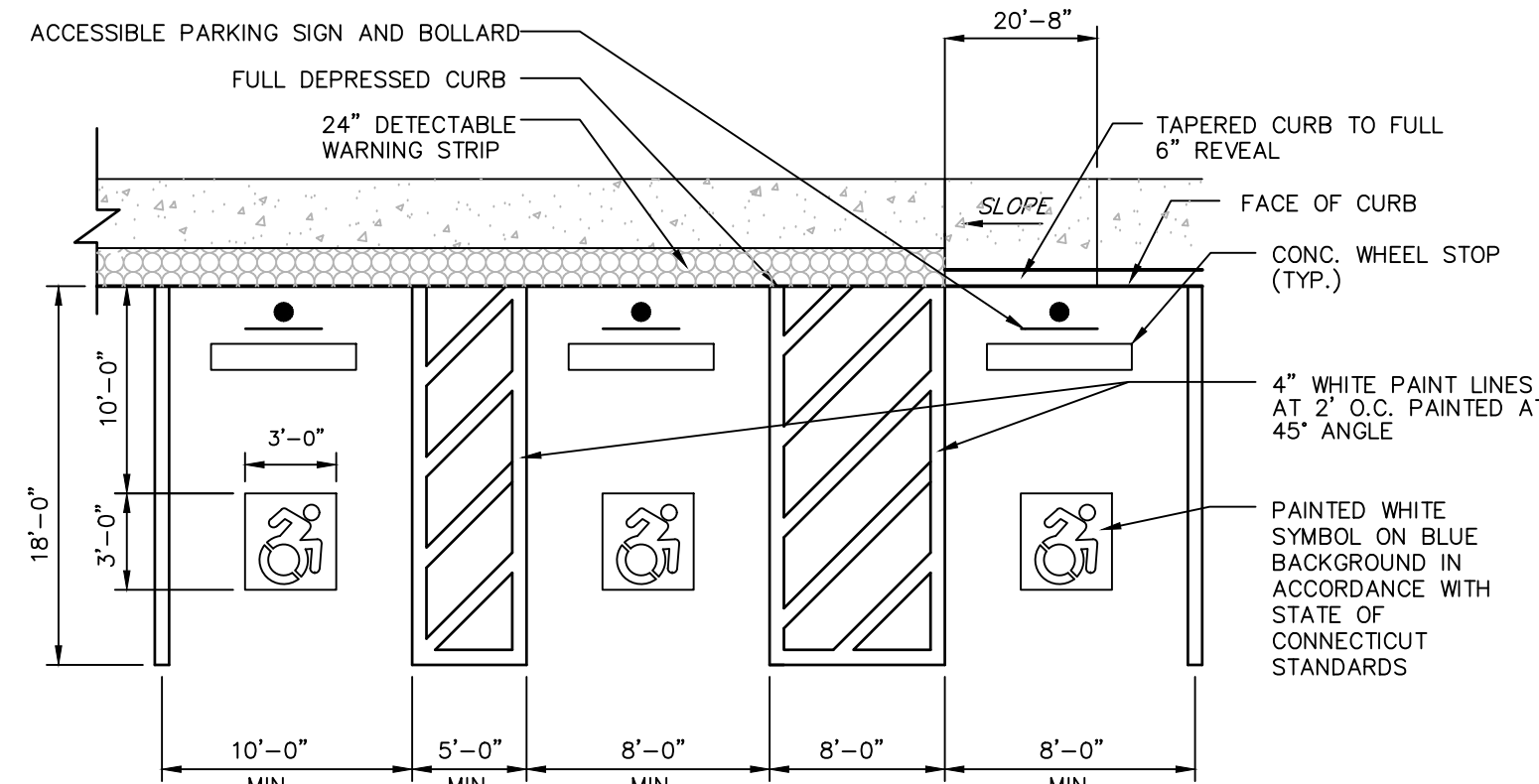
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- NOTES:
1. PROVIDE 2 COATS OF PAINT ON ALL SURFACES.
 2. SEE PLAN FOR ACTUAL SPACE LOCATION AND DIMENSIONS.

TYPICAL ANGLED PARKING SPACE DETAIL

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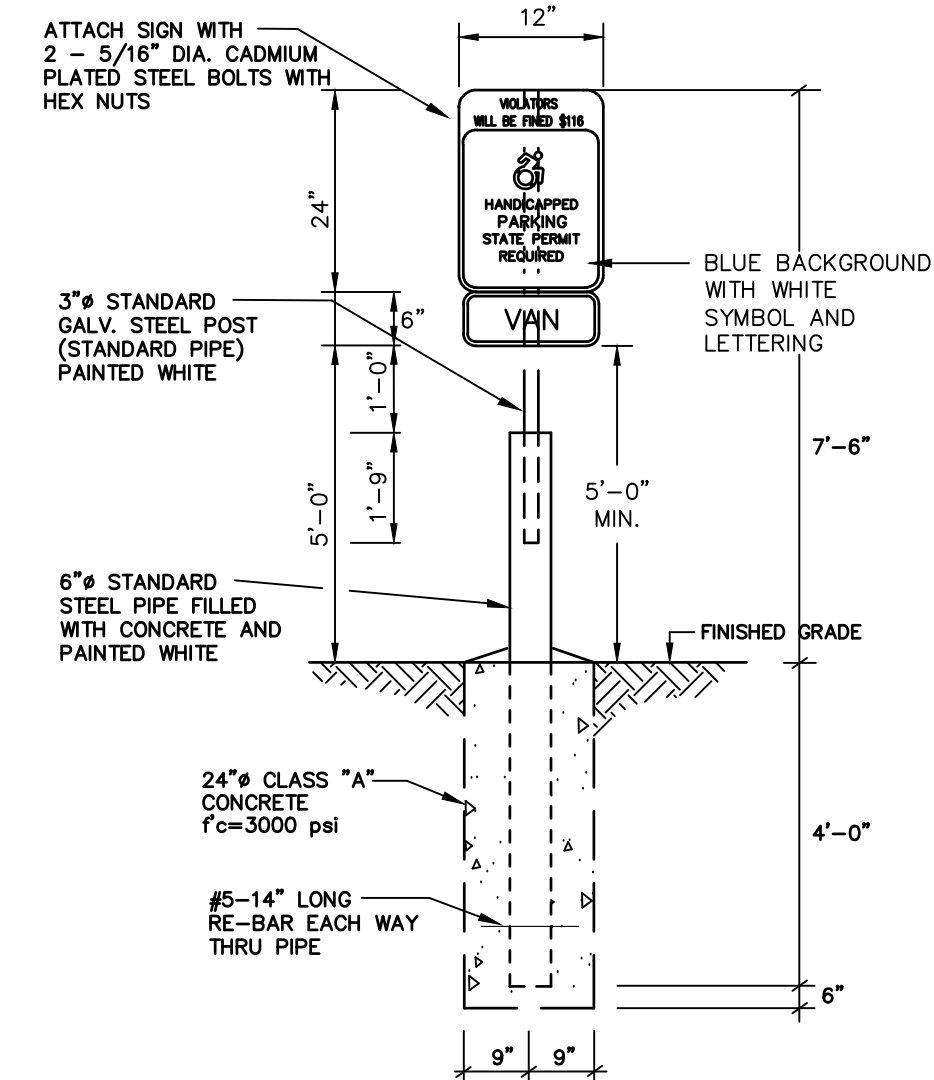


- NOTES:
1. SEE SITE PLAN FOR ACCESSIBLE SPACE LOCATIONS.
 2. PROVIDE 2 COATS OF PAINT ON ALL SURFACES.

TYPICAL ACCESSIBLE PARKING SPACE AND PARALLEL RAMP DETAIL

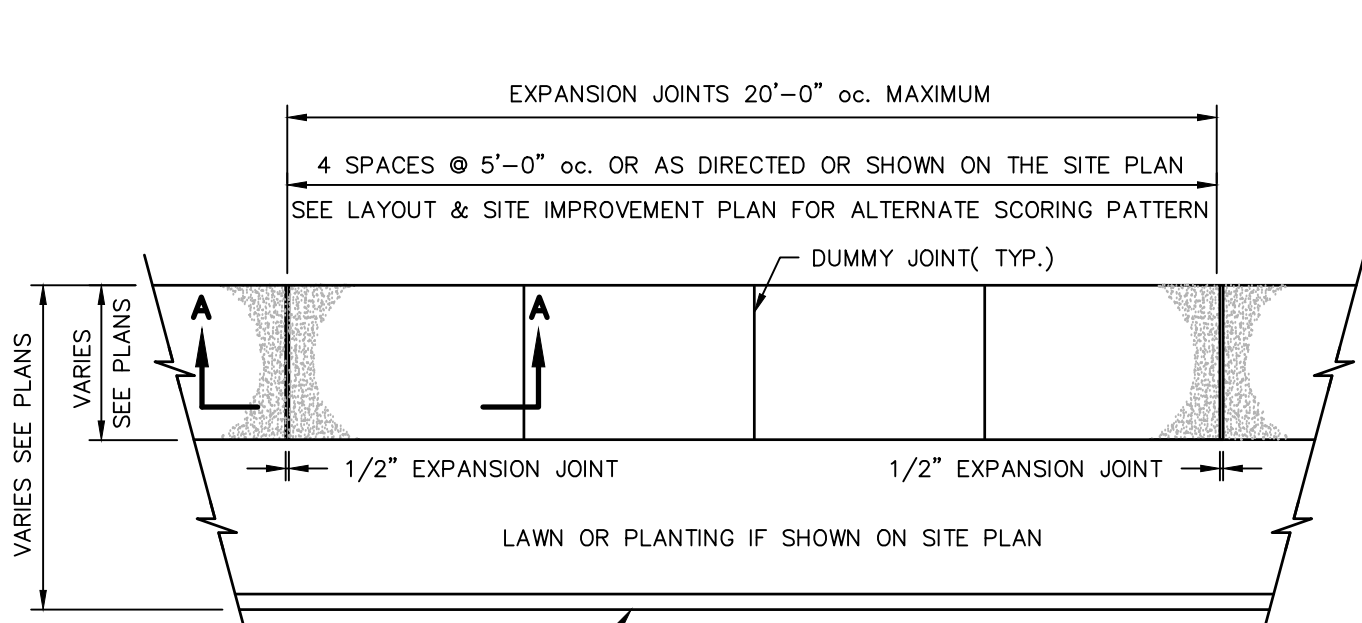
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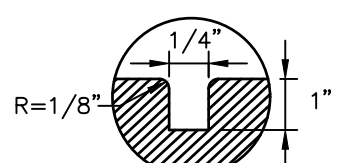


HANDICAP SIGN BOLLARD DETAIL

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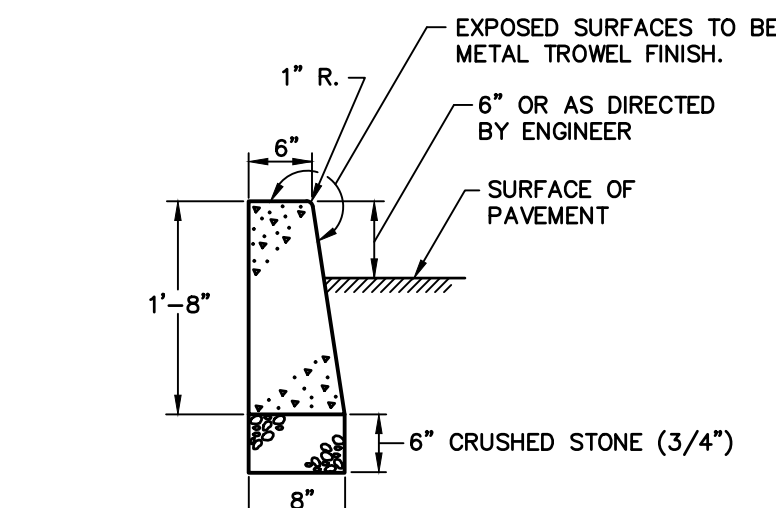


PLAN VIEW



DUMMY JOINT

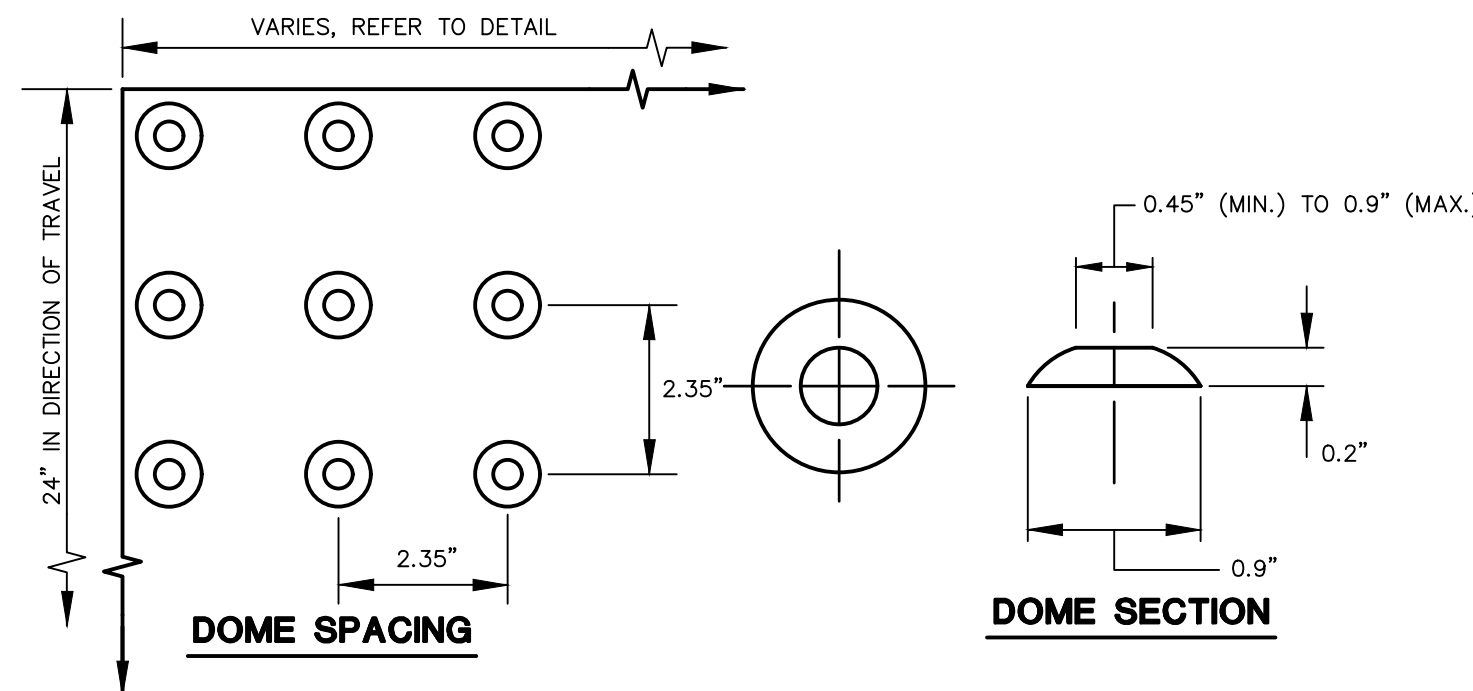
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- NOTES:
1. CONSTRUCTION JOINTS SHALL BE SPACED APPROXIMATELY EVERY 10 FEET BUT NOT LESS THAN 6 FEET. 1/4" THICK PREFORMED EXPANSION JOINT FILLER SHALL BE INSTALLED EVERY OTHER JOINT.
 2. FORMWORK SHALL REMAIN IN PLACE FOR 24 HOURS FOLLOWING CONCRETE POURING.

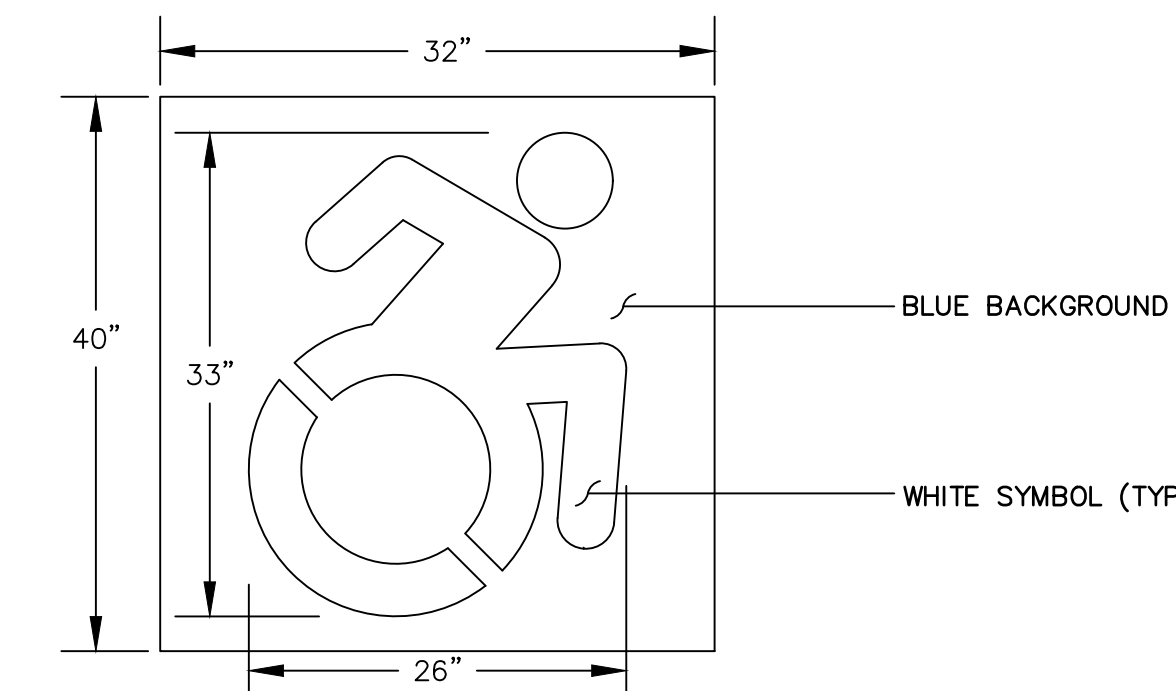
CONCRETE CURB DETAIL

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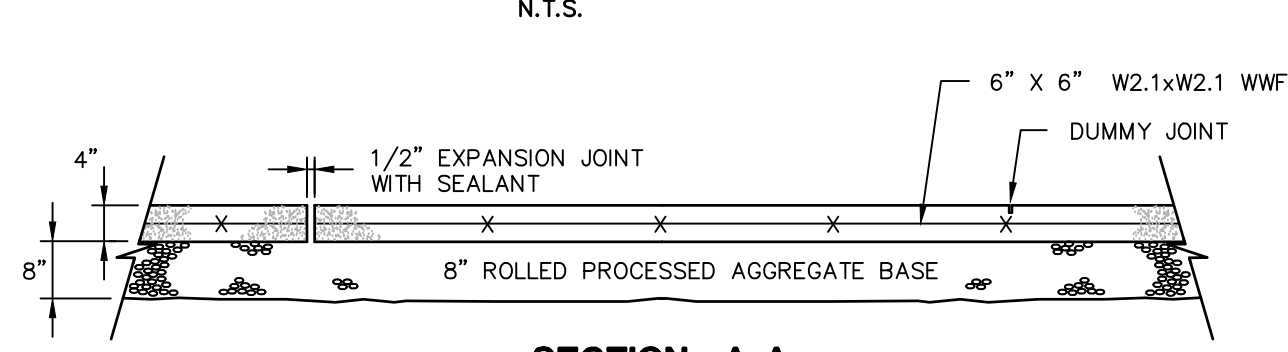
DETECTABLE WARNING

N.T.S.



CONNECTICUT SYMBOL OF ACCESSIBILITY

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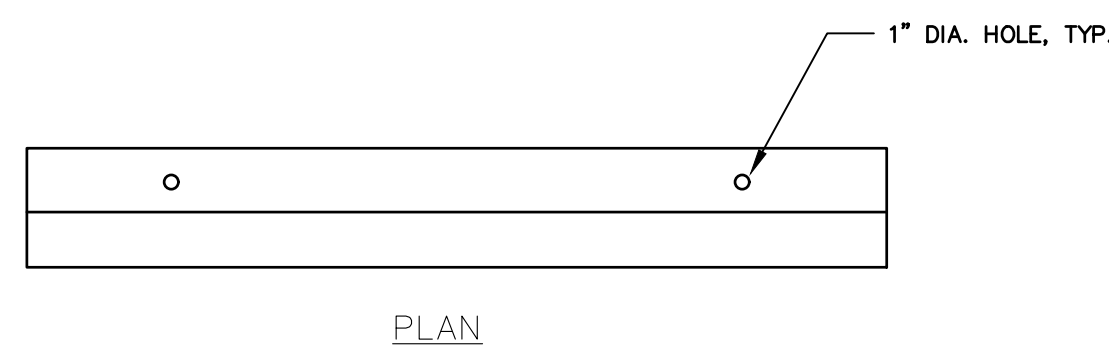


SECTION A-A

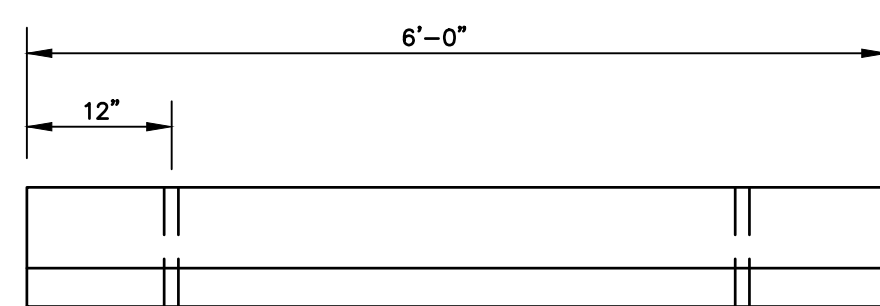
CONCRETE SIDEWALK DETAIL

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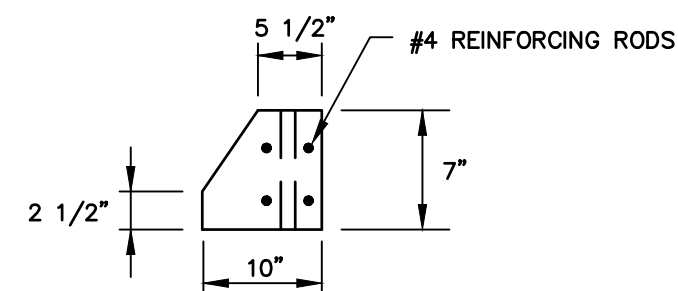
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PLAN



FRONT ELEVATION

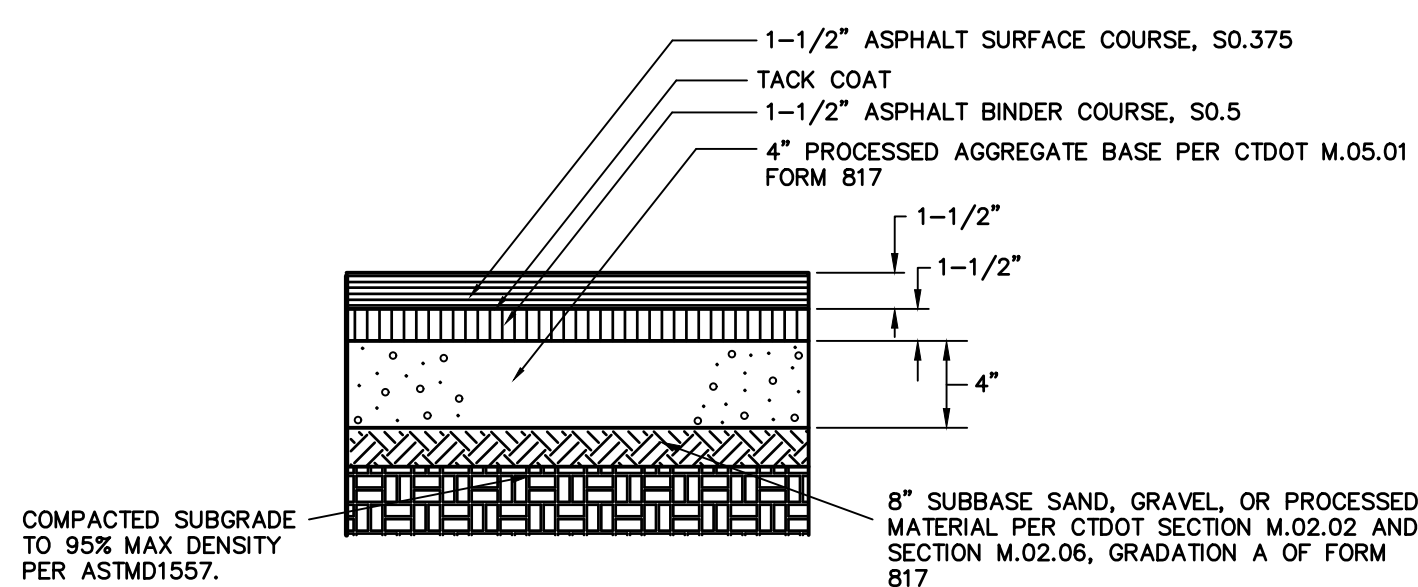


SIDE ELEVATION

PRECAST CONCRETE WHEEL STOP

N.T.S.

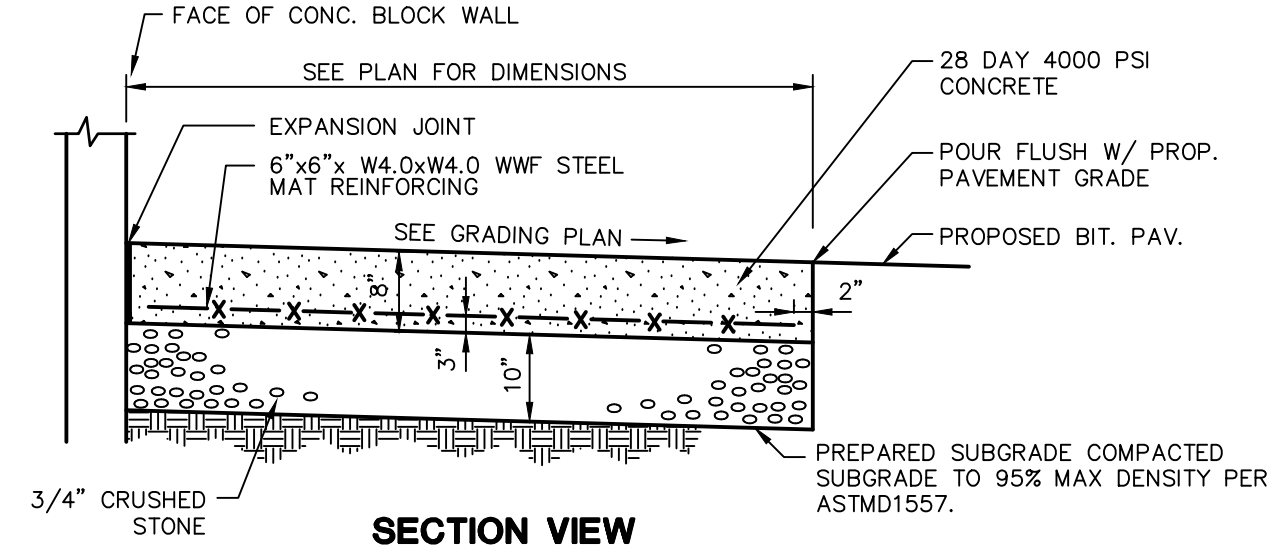
ZP-041



STANDARD DUTY BITUMINOUS CONCRETE PAVEMENT STRUCTURE

N.T.S.

ZPC-029

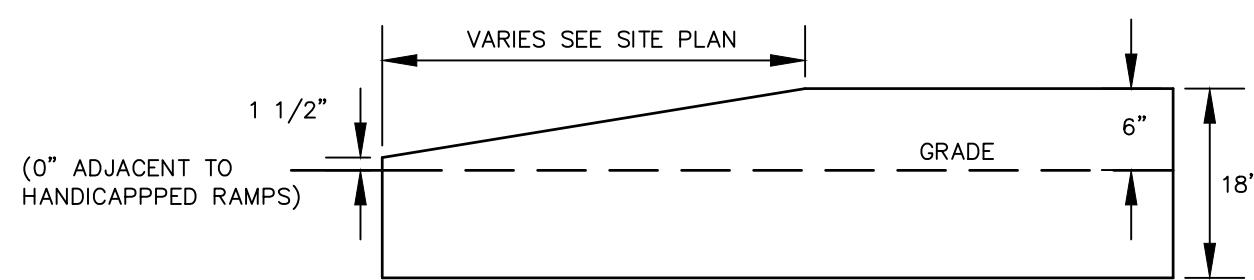


SECTION VIEW

CONCRETE PAVEMENT/CONCRETE PAD/ CONCRETE DUMPSTER PAD DETAIL

N.T.S.

BLPC-002



TRANSITION CURB

N.T.S.

**FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION**



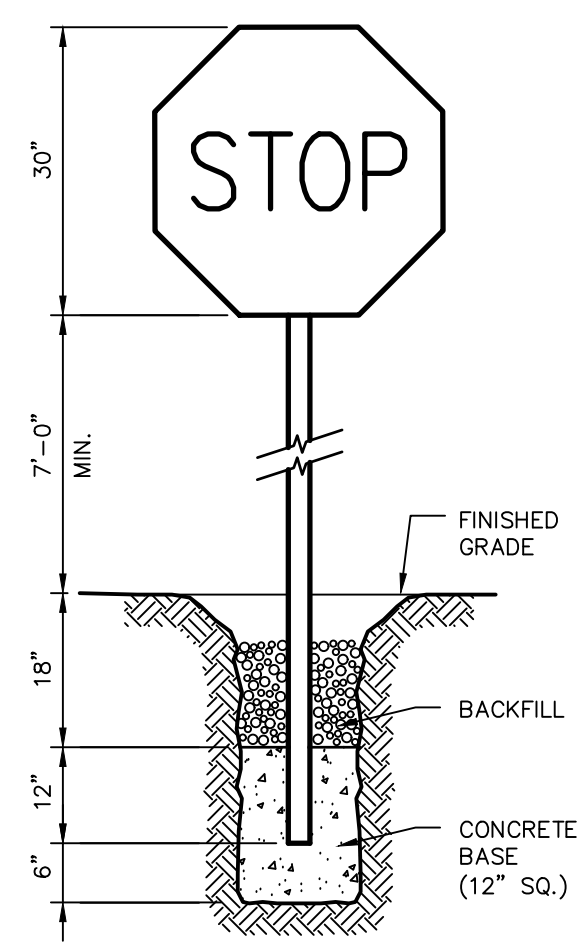
REVISIONS

No.	Date	Desc.
1.	2/19/21	REVISED PER STAFF COMMENTS

Designed	XXX
Drawn	XXX
Reviewed	
Scale	NONE
Project No.	2001236
Date	01/08/21
CAD File:	DN200123601

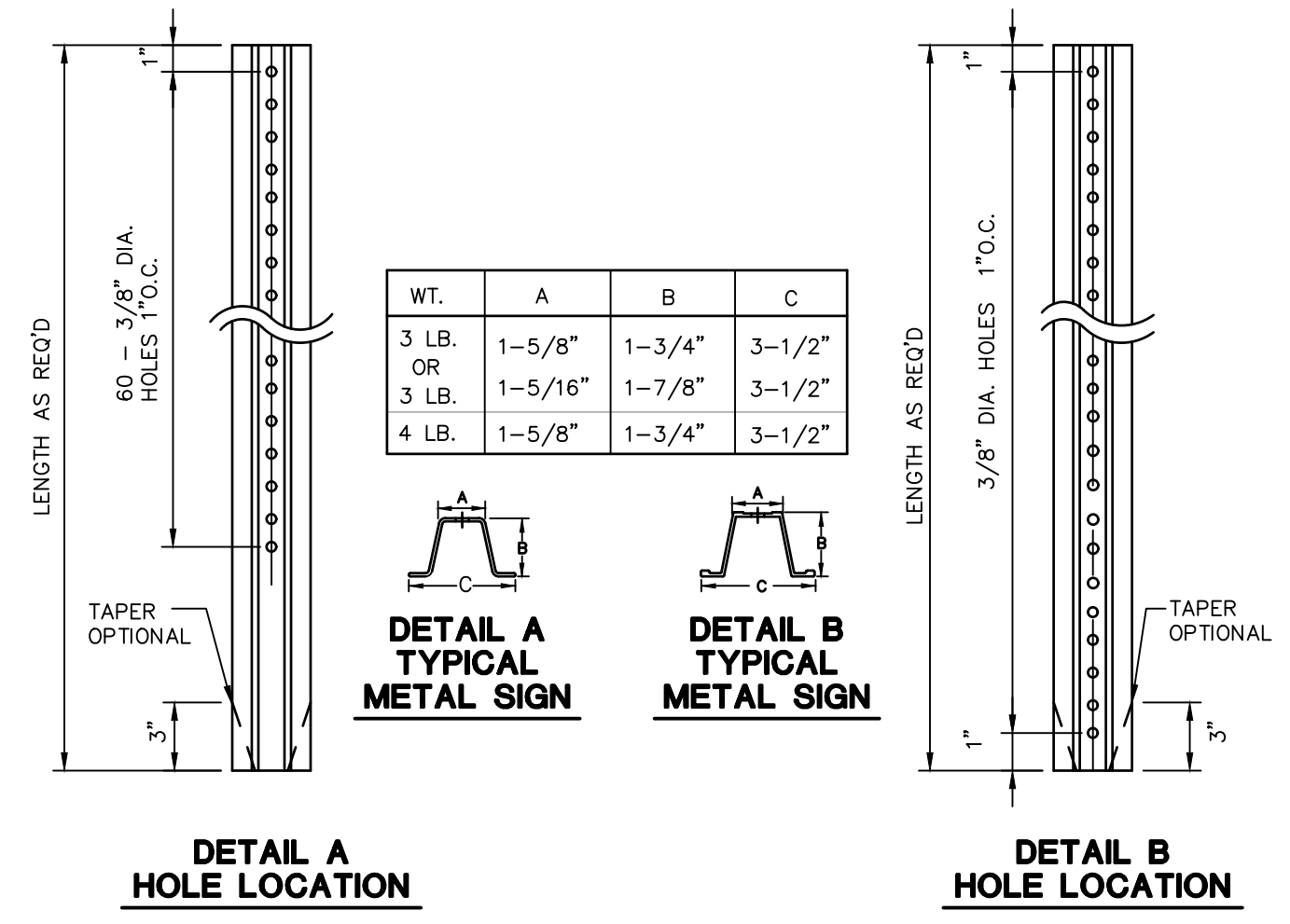
Title
DETAILS SHEET

Sheet No.



NOTE:
CONSTRUCT SIGN IN ACCORDANCE WITH
DOT SPECIFICATIONS.

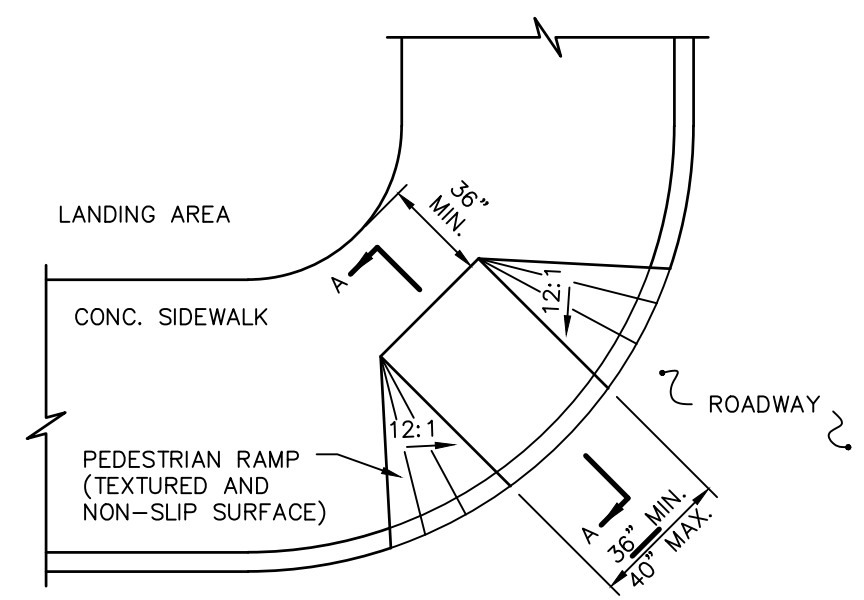
STOP SIGN
N.T.S. BLS0-002



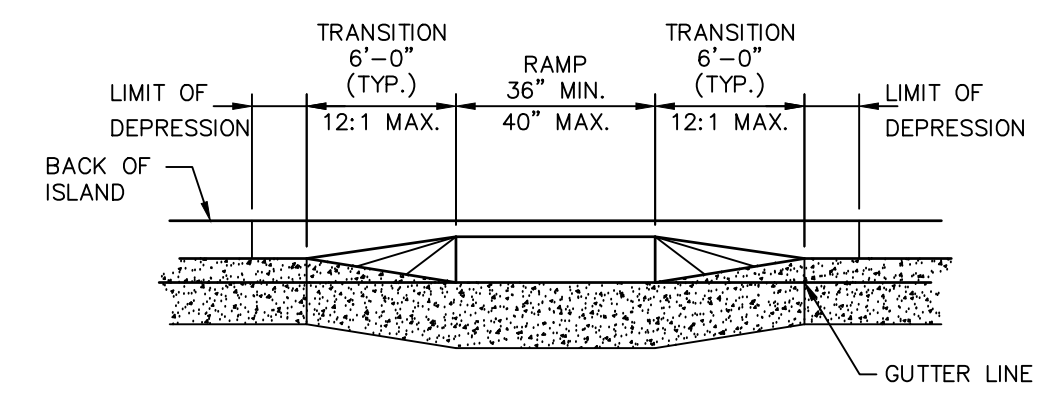
DETAIL A TYPICAL METAL SIGN
DETAIL B TYPICAL METAL SIGN
N.T.S. BLS0-001

NOTES:
STEEL FOR POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499-81 GRADE 60 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A-78 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT OF 91 LBS OR GREATER PER LINEAR YARD.
AFTER FABRICATION ALL STEEL POSTS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A-123.
SIGN MOUNTING HEIGHT TO BE APPROVED BY THE ENGINEER.

TYPICAL METAL SIGN POSTS
N.T.S. BLS0-001

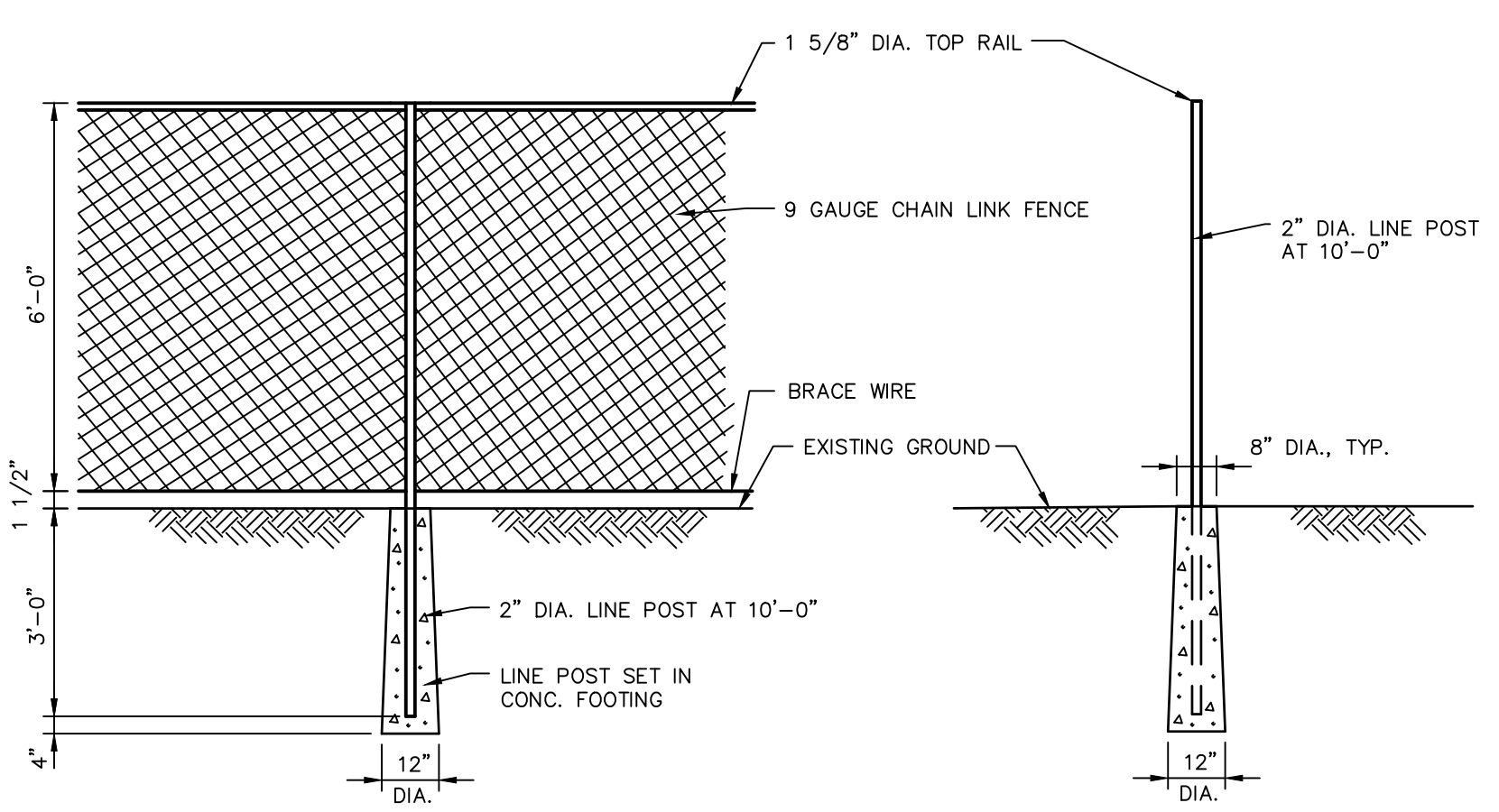


PLAN

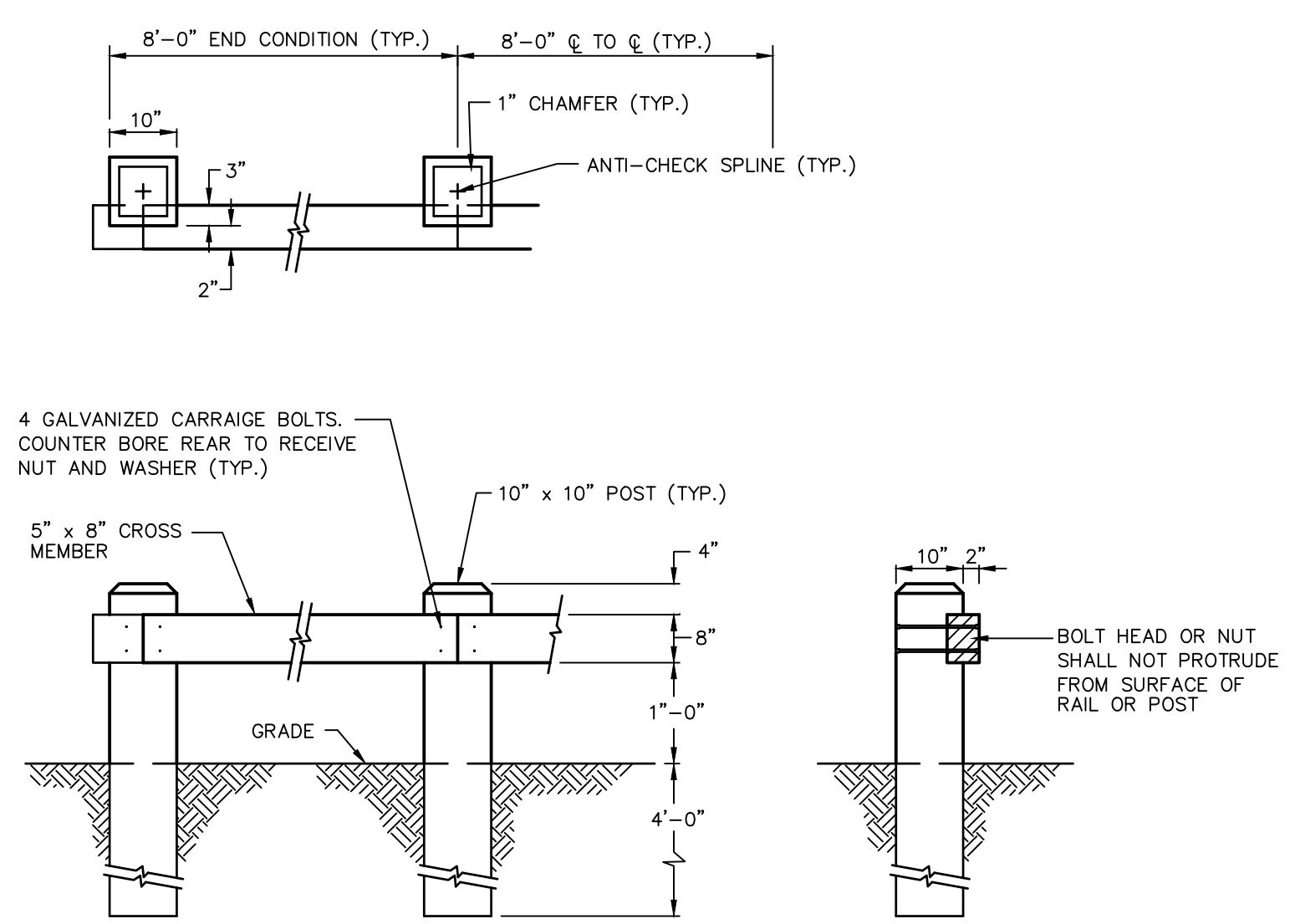


ELEVATION

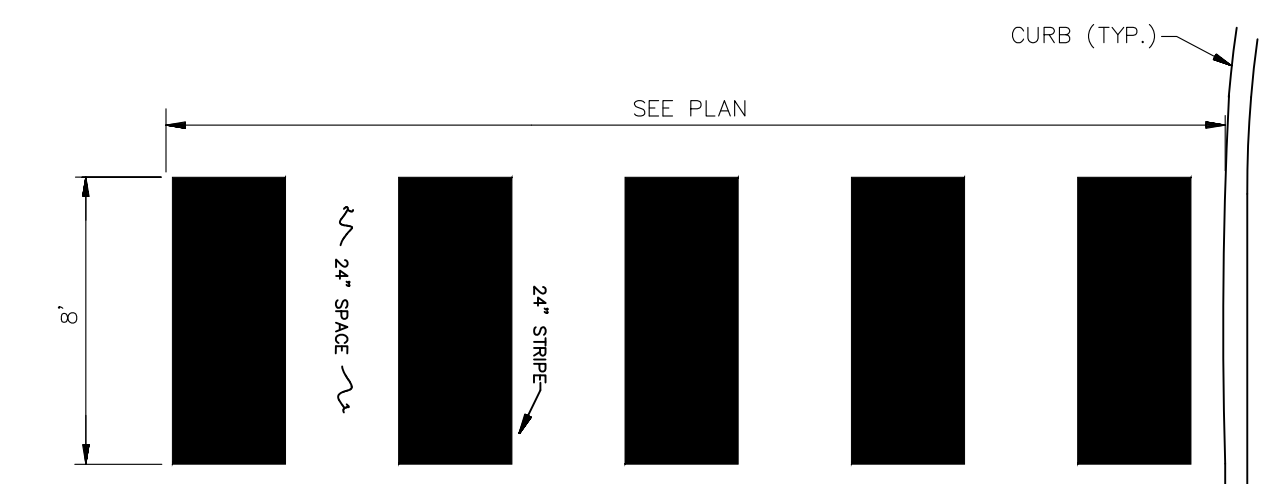
PEDESTRIAN RAMP
N.T.S. BLSR-003



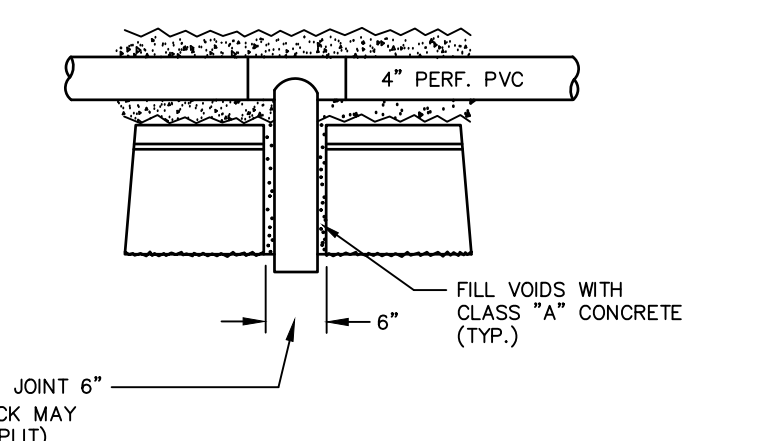
CHAIN LINK FENCE DETAIL
N.T.S. BLFD-001



TIMBER GUIDE RAIL
N.T.S. BLGR-002



CROSSWALK MARKINGS
N.T.S.



SEGMENTAL RETAINING WALL DRAIN DETAIL
SCALE: NTS

GENERAL NOTES

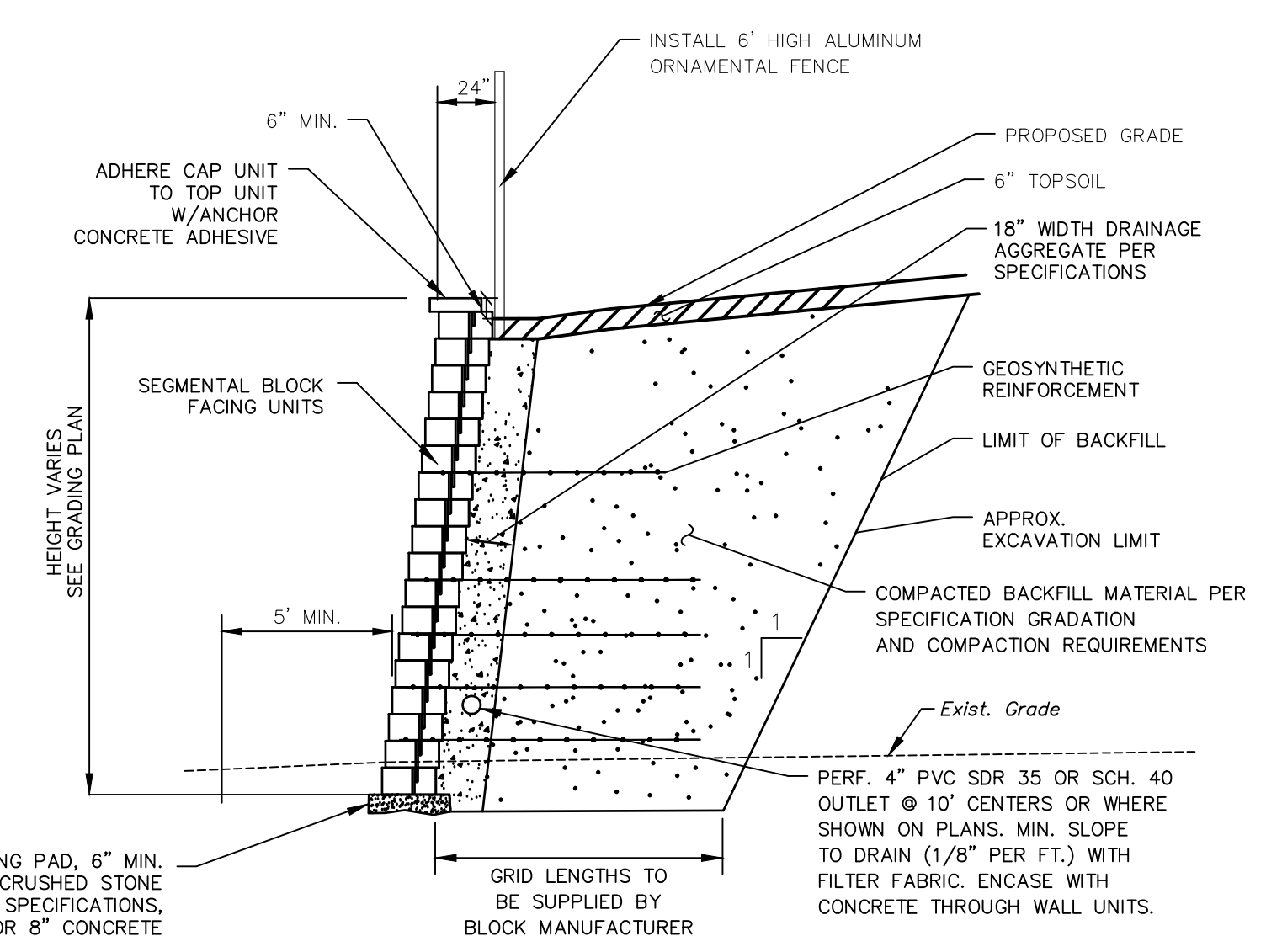
- STRIP ALL VEGETATION AND ORGANIC SOIL FROM THE WALL AND GRID ALIGNMENT.
- BENCH CUT ALL EXCAVATED SLOPES.
- DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
- SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
- LEVELING PAD SHALL CONSIST OF 3/4" CRUSHED STONE, MINIMUM 6" THICK OR MINIMUM 2000 PSI CONCRETE.
- MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 24".
- FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
- WHERE DRAIN PIPE IS USED, PROVIDE OUTLETS AS SHOWN ON WALL ELEVATIONS.
- COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER, OR AS INDICATED IN THE SPECIFICATION.
- COMPACTION SHALL BE 95% OF MAXIMUM DRY DENSITY PER AASHTO T-99.
- GEOGRID SHALL BE PER BLOCK MANUFACTURER'S DESIGN ON SHOP DRAWINGS.
- PULL GEOGRID TIGHT PRIOR TO BACK FILLING. LENGTH OF GEOGRID SHALL BE MEASURED FROM FRONT OF SEGMENTAL CONCRETE UNITS.
- PROVIDE LATERAL DRAINAGE SWALES TO DIRECT FLOWS AROUND THE ENDS OF THE WALL.
- ESTABLISH TURF AS SOON AS THE WALL IS COMPLETED.
- FINAL WALL ALIGNMENT SHALL BE LOCATED IN THE FIELD.
- REINFORCED BACK FILL REQUIREMENTS FOR THE SEGMENTAL CONCRETE RETAINING WALL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

SIEVE SIZE	PERCENT PASSING REINFORCED BACK FILL
5 INCH	100
3-1/2 INCH	90-100
1-1/2 INCH	55-95
1/4 INCH	25-60
NO. 10	15-45
NO. 40	5-25
NO. 100	0-10
NO. 200	0-5

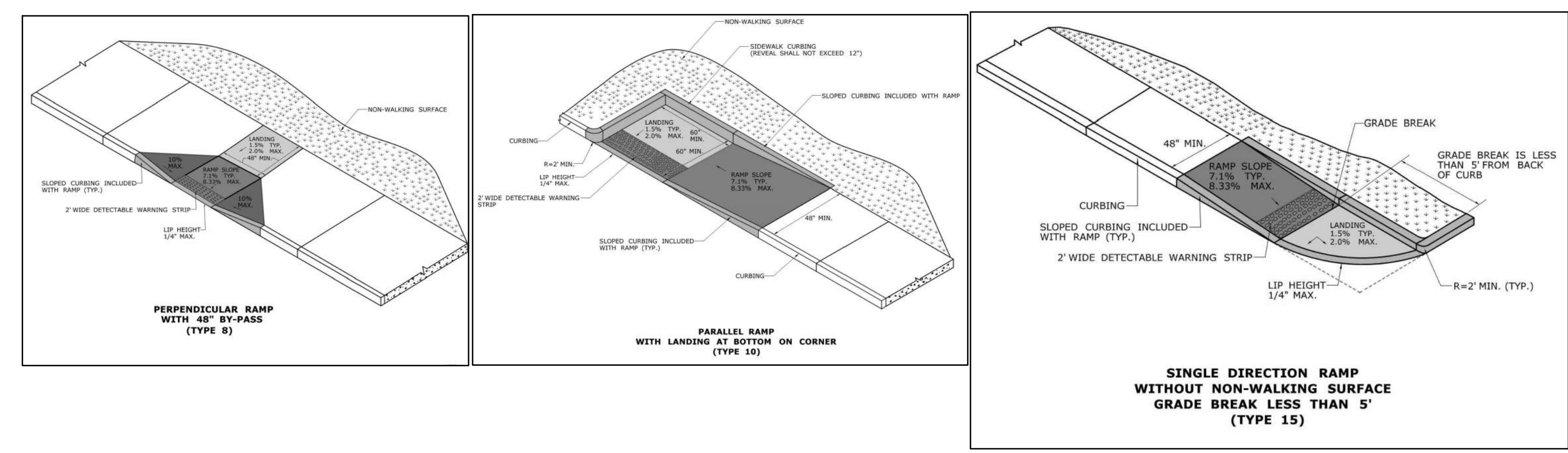
PLASTICITY INDEX (PI) LESS THAN OR EQUAL TO 10 AND A LIQUID LIMIT LESS THAN OR EQUAL TO 40. REINFORCED BACK FILL SHALL BE PLACED AND COMPACTED IN LIFTS NOT EXCEEDING 10 INCHES. REINFORCED BACK FILL SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99. THE MOISTURE CONTENT OF THE BACK FILL MATERIAL PRIOR TO AND DURING COMPACTION SHALL BE WITHIN 2 PERCENTAGE POINTS OF DRY OPTIMUM.

IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.

N.T.S.



TYPICAL SEGMENTAL RETAINING WALL SECTION



ADA ACCESSIBLE CURB RAMP DETAILS
N.T.S. BLSE-005

**FOR PERMITTING PURPOSES ONLY
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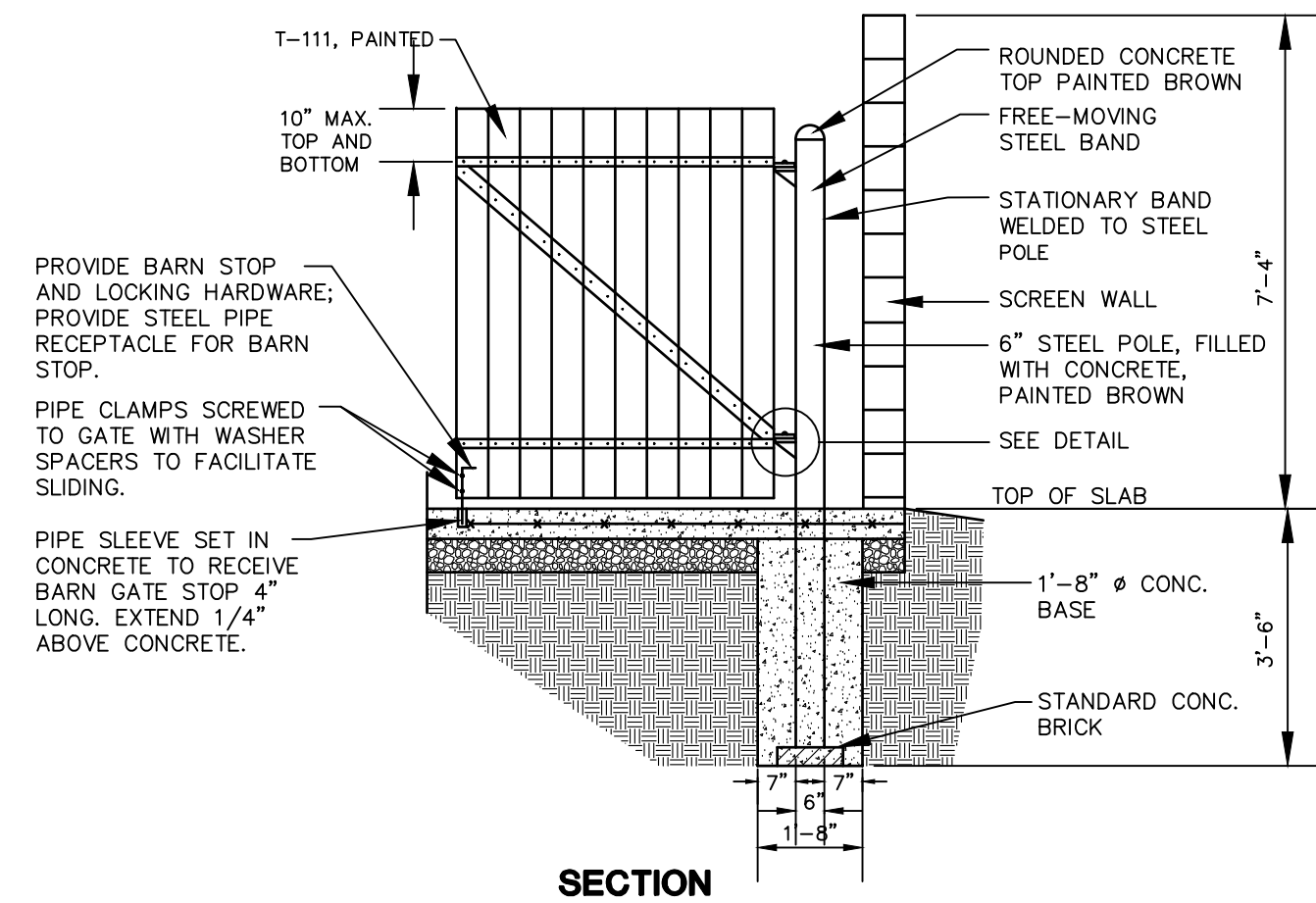
REVISIONS

No.	Date	Desc.
1.	2/19/21	REVISED PER STAFF COMMENTS

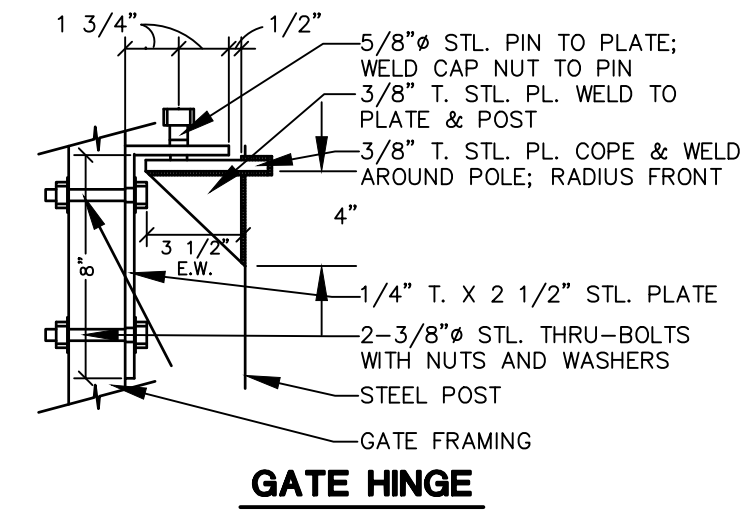
Designed: XXX
Drawn: XXX
Reviewed:
Scale: NONE
Project No.: 2001236
Date: 01/08/21
CAD File: DN200123601

Title: **DETAILS SHEET**

Sheet No.



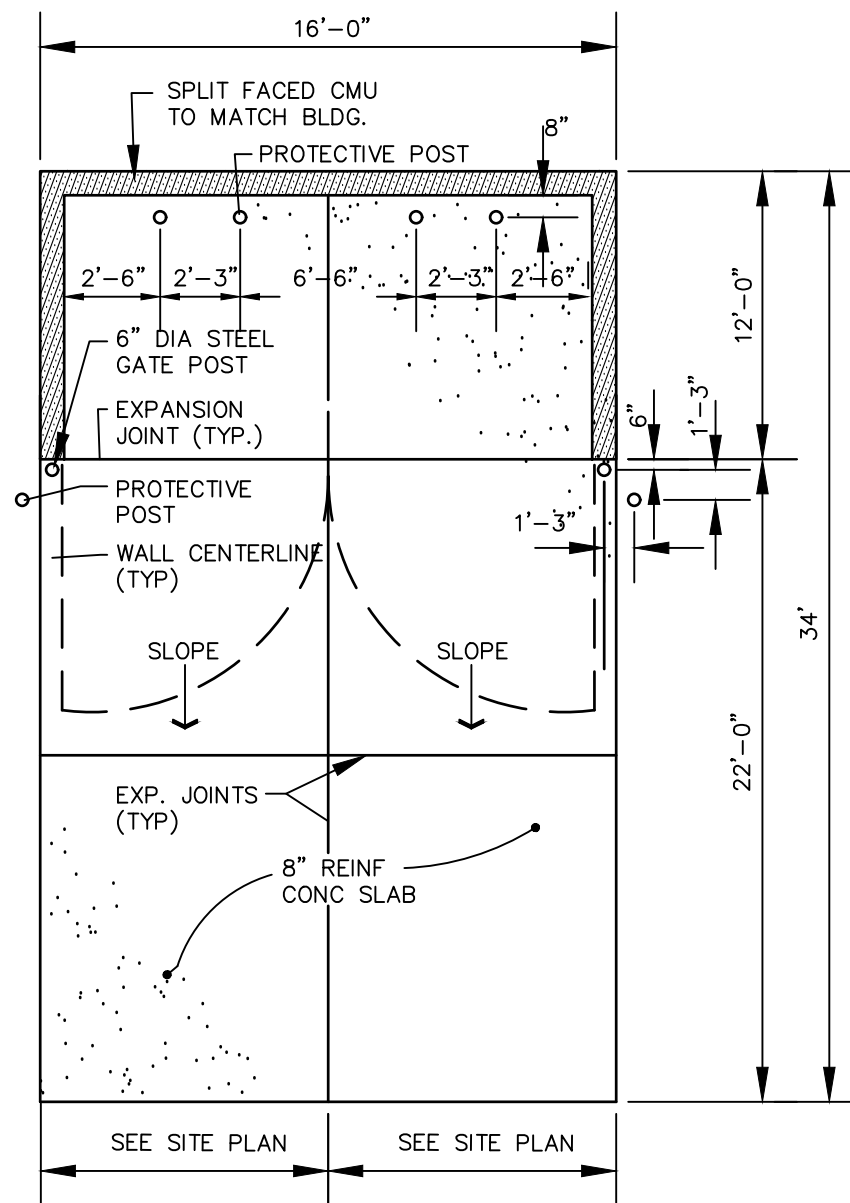
SECTION



GATE HINGE

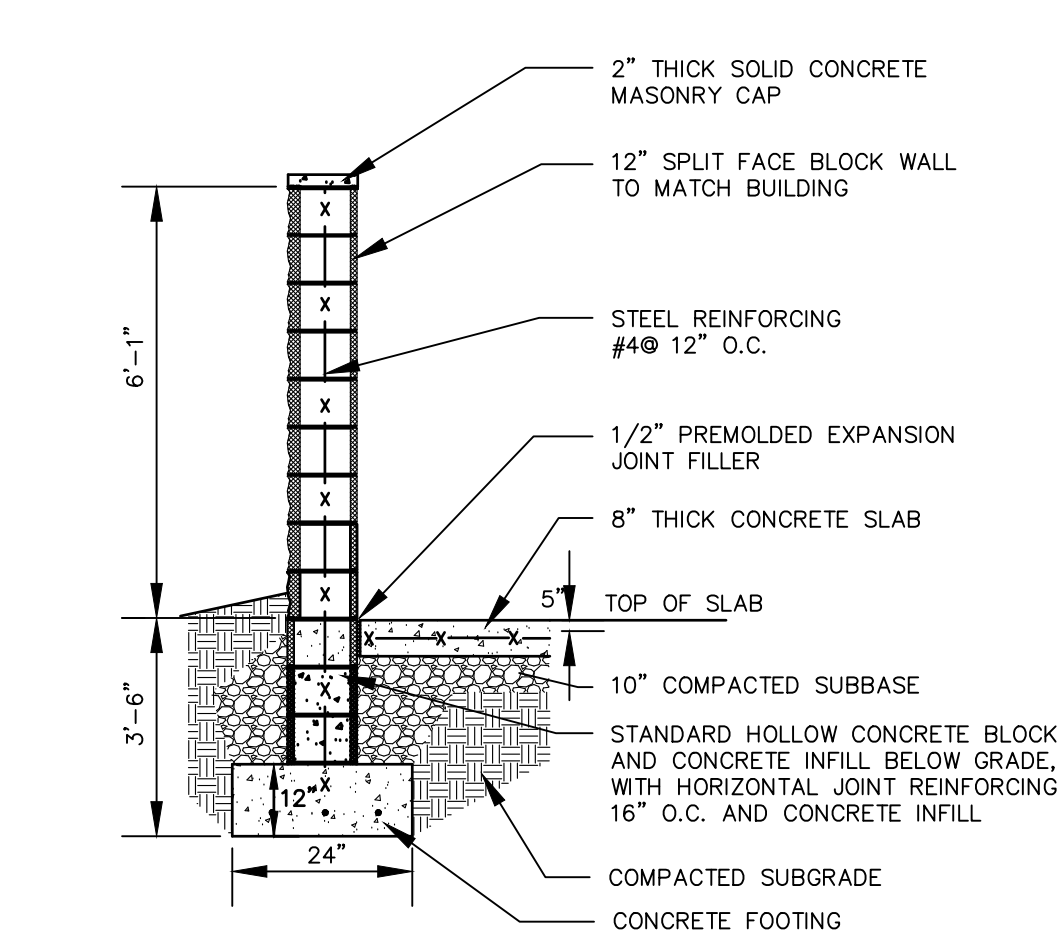
TRASH ENCLOSURE GATE (HALF SECTION)

N.T.S. BLSE-001



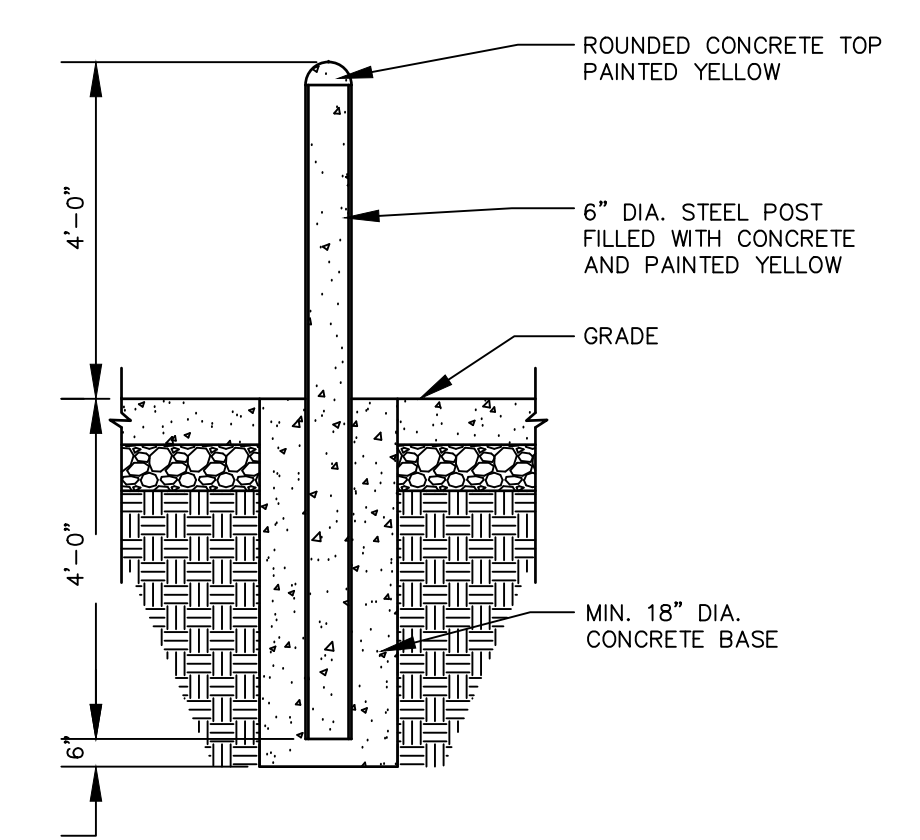
TRASH ENCLOSURE PLAN

N.T.S. BLSE-004



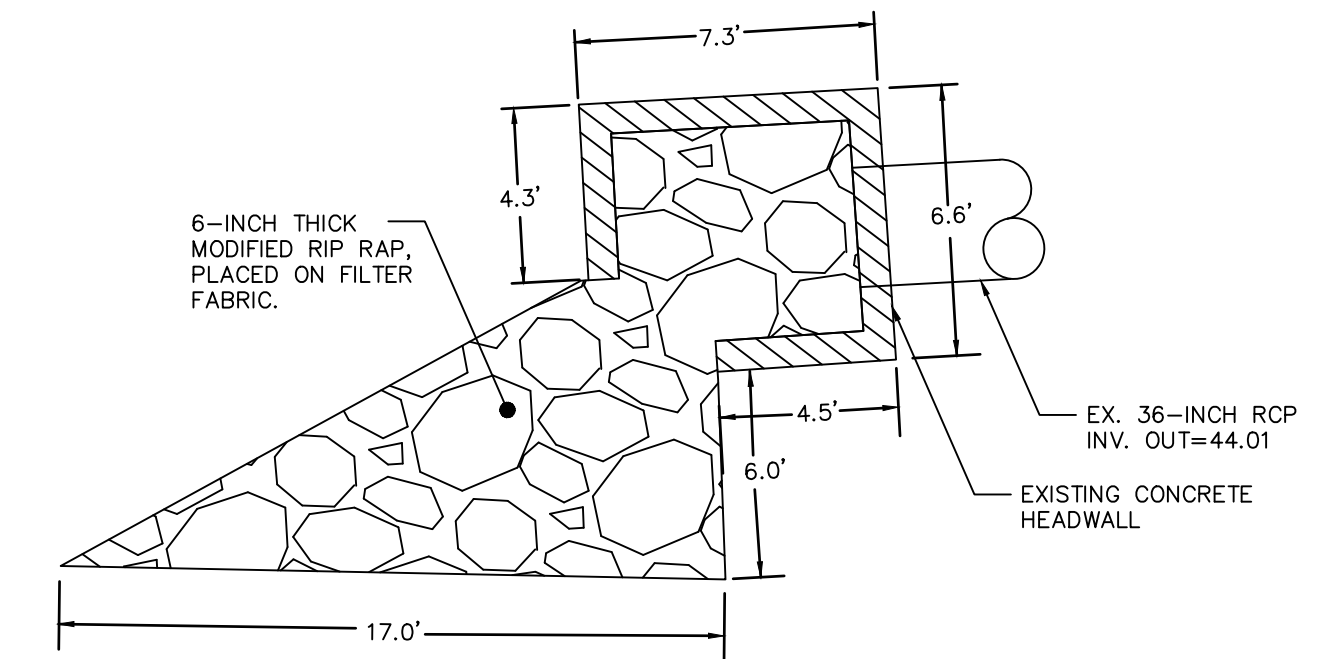
TRASH ENCLOSURE SECTION

N.T.S. BLSE-003



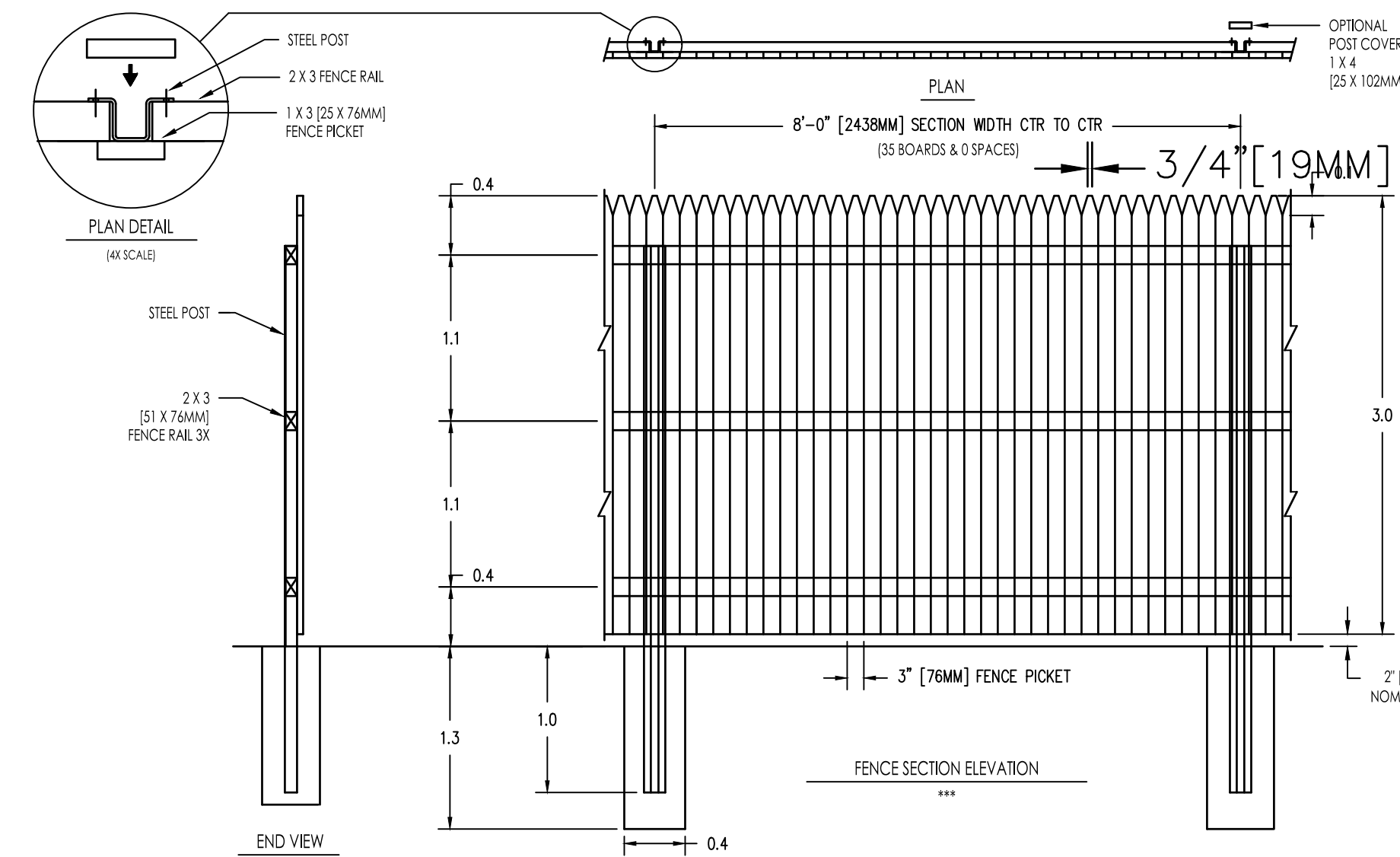
PROTECTIVE POST (BOLLARD) DETAIL

N.T.S. BLSE-005



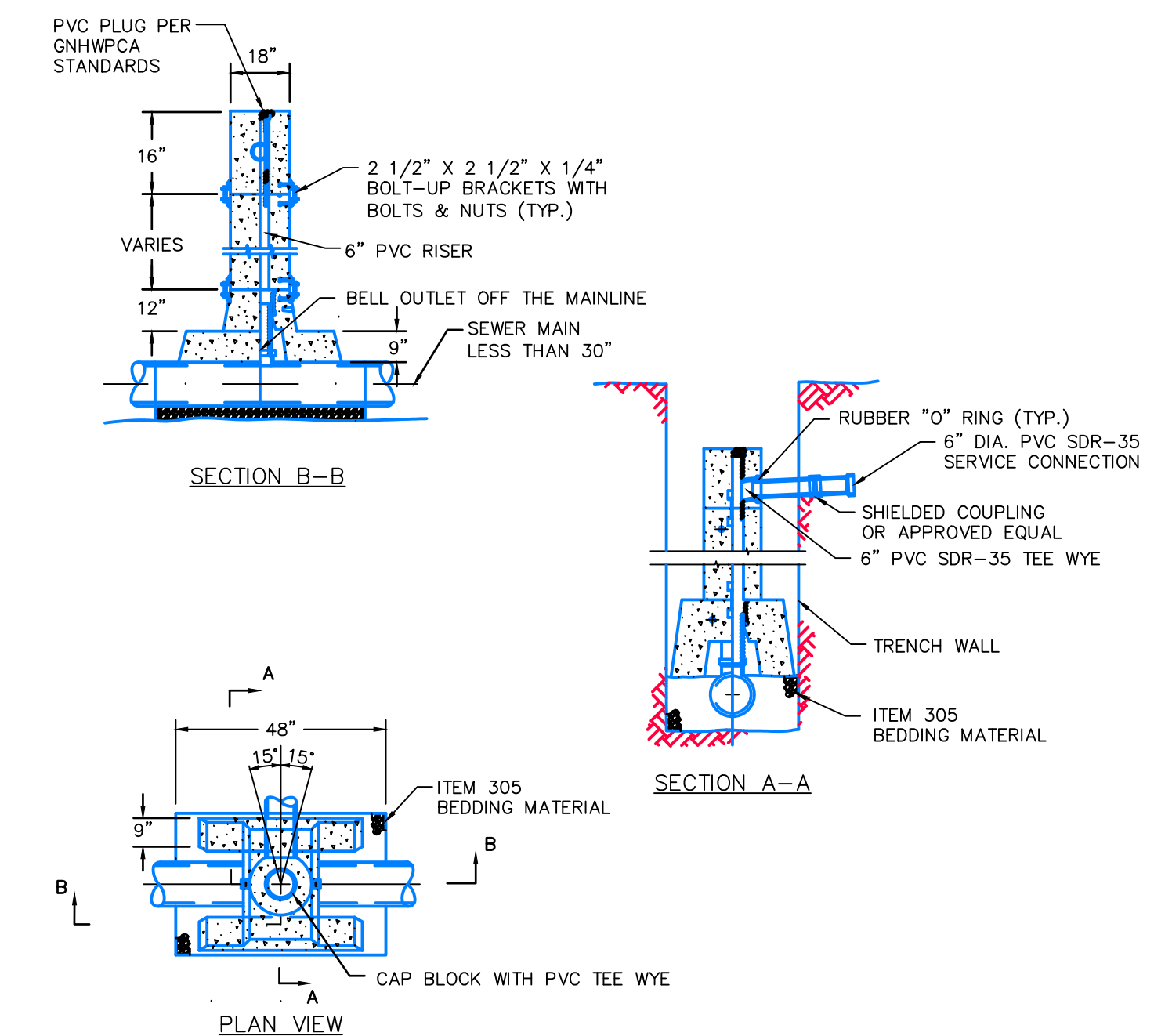
36-INCH OUTLET MODIFIED OUTLET PROTECTION

N.T.S.



NOTES:
 1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
 2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.
 3. DIMENSIONS SHOWN TO CENTER UNLESS OTHERWISE NOTED.
 4. DIMENSIONS SHOWN ARE NOMINAL FOR WOOD.

<p>POSTMASTER STEEL POSTS for Wood Fence Systems by Master Halco Chicago, IL Phone No. 800-225-3611 www.masterhalco.com</p>	6' SOLID PICKET FENCE DETAIL STYLE: STOCKADE	BY: JBR	DWG: 10-1150
	NOM 6' [1829MM] FENCE HEIGHT 1 X 3 [25 X 76MM] FENCE PICKETS	DATE: 02-26-99	LAYER: 1
		REV: E	SCALE: 1/2" = 1'-0"
		REV DATE: 09-22-06	



NOTES:
 1. THE CONTRACTOR SHALL SUBMIT 5 (FIVE) COPIES OF SHOP DRAWINGS OR CATALOG CUTS FOR APPROVAL BY THE GNHWPCHA ENGINEER AND/OR THEIR REPRESENTATIVES. CHIMNEY TO BE PRECAST SEWER CHIMNEY DISTRIBUTED BY ARROW CONCRETE PRODUCTS, OR APPROVED EQUAL.

PRECAST CHIMNEY FOR SEWER PIPE LESS THAN 30'

N.T.S. DS0512-13

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REVISIONS

No.	Date	Disc.	REVISED PER STAFF COMMENTS
1.	2/19/21		

Designed	XXX
Drawn	XXX
Reviewed	
Scale	NONE
Project No.	2001236
Date	01/08/21
CAD File:	DN200123601

Title
DETAILS SHEET

Sheet No.

DN-4

