

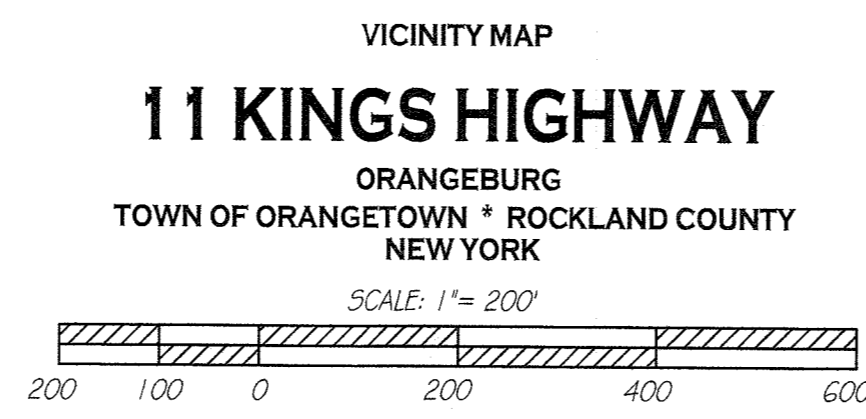
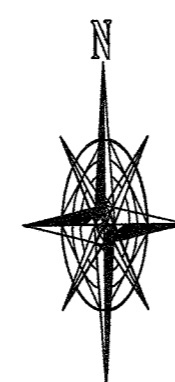
EAST COAST BLR 1993 LLC

11 KINGS HIGHWAY

ORANGEBURG, NEW YORK



DISTRICTS:
 SCHOOL DISTRICT: SOUTH ORANGETOWN
 FIRE DISTRICT: ORANGEBURG
 SEWER DISTRICT: ORANGEBURG
 POSTAL DISTRICT: ORANGEBURG
 WATER DISTRICT: VEOLIA



LIO ZONE
 SECTION 74.11, BLOCK 2, LOT 4

EAST COAST BLR 1993, LLC
 3 REUTEN DRIVE
 CLOSTER, NEW JERSEY 07624
 OWNER, THOTA NAGARAJA
 (201) 981-8320

PLANNING BOARD
 MEETING OF:
 FEB 8 2023
 Town of Orangetown

BART M. RODI - ENGINEER
 RESIDENTIAL & COMMERCIAL
 234 SOUTH GRANT AVE
 CONGENS, NEW YORK 10920
 (845) 268-6663

[Signature]
 NYS LIC #070545
 (NYS VALID ONLY IF SEALED)

DO NOT SCALE PRINTS

TITLE PAGE
 VICINITY MAP

EAST_COAST_BLR_1993.LLC
 11 KINGS HIGHWAY
 TAPPAN, NEW YORK 10983

SCALE: AS NOTED
 SHEET: T-1

DATE: 3 NOVEMBER 2022

DATE:

		X X	INLET PROTECTION DURING CONSTRUCTION
		X X	
		X X	

DATE:	14 SEPTEMBER 2022
	15 SEPTEMBER 2022
	20 OCTOBER 2022

DATE:	3 JULY 2022
	4 JULY 2022
	18 AUGUST 2022
	23 AUGUST 2022
	25 AUGUST 2022
	26 AUGUST 2022

SCALE:	AS NOTED
SHEET:	SP

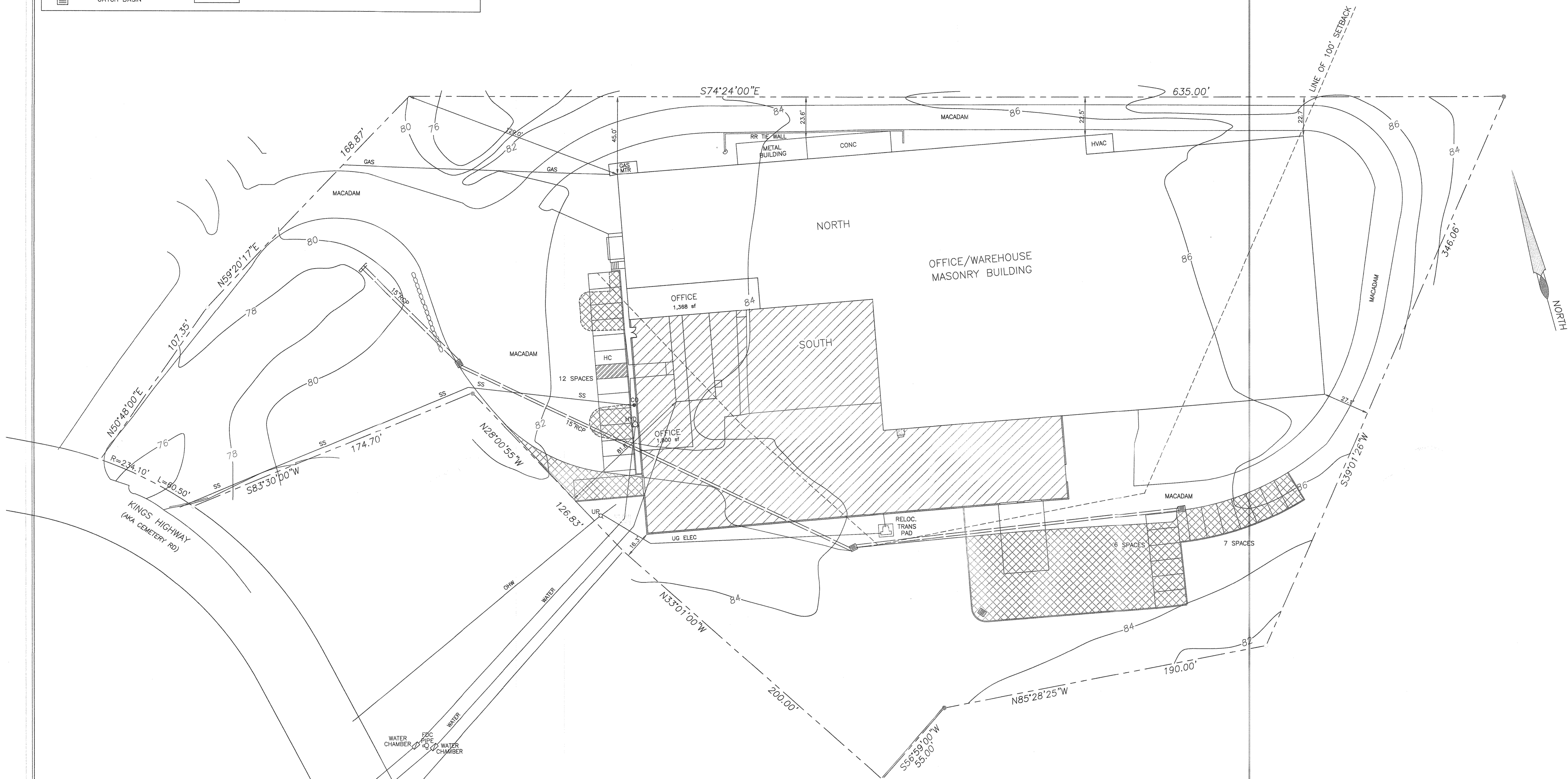
EAST COAST BIR 1993 LLC
11 KINGS HIGHWAY
TAPPAN, NEW YORK 10983

PROPOSED SITE PLAN

BART M. RODI - ENGINEER
RESIDENTIAL & COMMERCIAL
234 SOUTH GRANT AVE
CONGERS, NEW YORK 10920
(845) 268-6663

NYS LIC #070545
TRANS. VALID ONLY IF SEALED

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PARKING ANALYSIS

REQUIREMENTS:
OFFICE: 1 SPACE PER 200 SF
LIGHT MANUFACTURING: 1 SPACE PER 2 EMPLOYEES

NORTH BUILDING
OFFICE: 1368 SF = 7 SPACES

LIGHT MANUFACTURING: 9 EMPLOYEES = 5 SPACES

SOUTH BUILDING
OFFICE: 1800 SF = 9 SPACES
LIGHT MANUFACTURING: 8 EMPLOYEES = 4 SPACES

TOTAL 25 SPACES, INCLUDING 1 HANDICAP ACCESSIBLE SPACE

AREA OF PROPOSED ADDITION:
22,672.0 SQUARE FEET
(incl. 1,146 sf of ext'g bldg wing)

ADDITIONAL IMPERVIOUS AREA:
18,145 SQUARE FEET

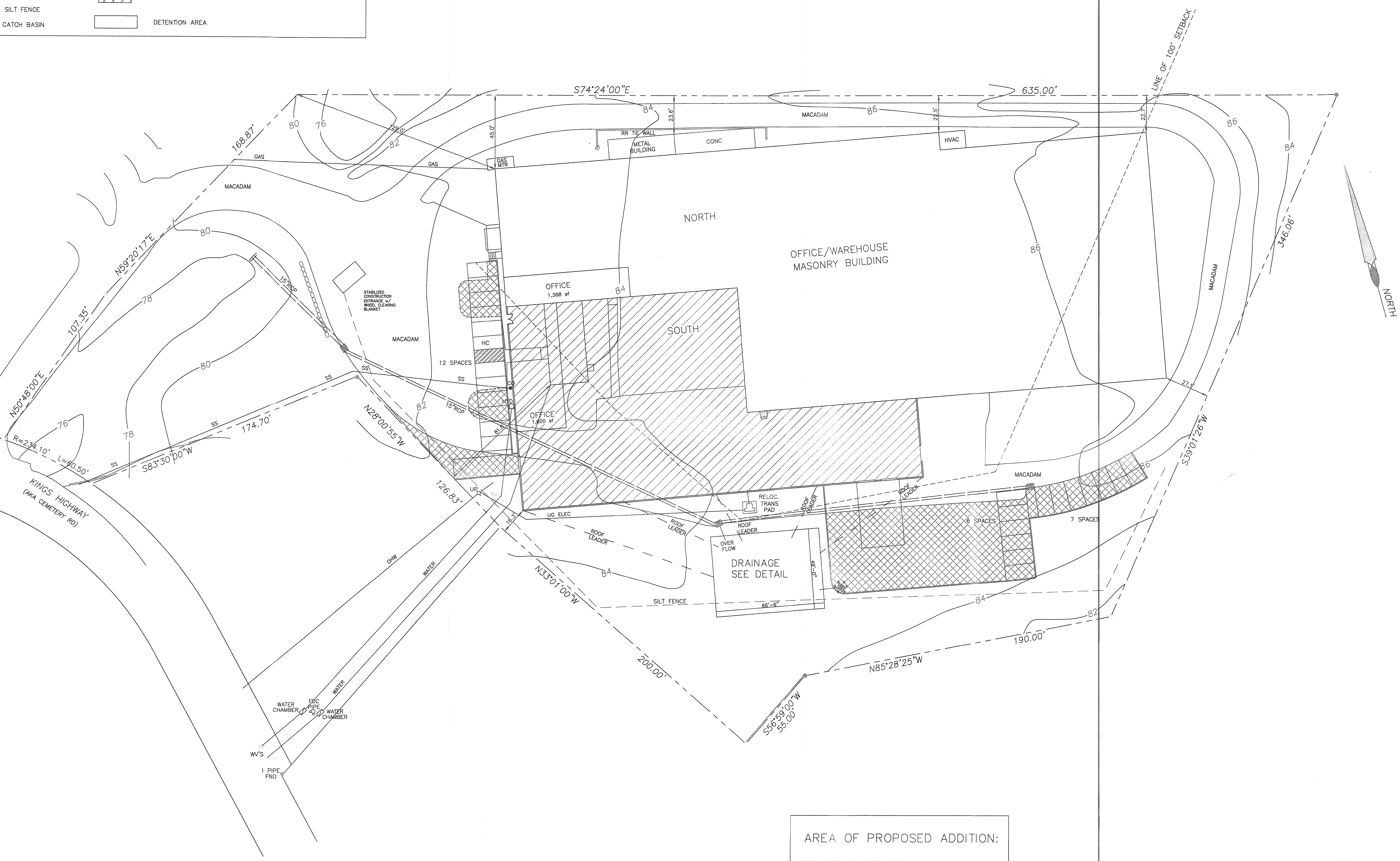
TABLE OF GENERAL BULK REGULATIONS FOR DISTRICT L10, USE GROUP CC, FOR THE TOWN OF ORANGETOWN

	REQUIRED	EXISTING	PROPOSED
MAXIMUM FLOOR AREA RATIO	0.4	0.178	0.39
MINIMUM LOT AREA	2 ACRES	4.455 ACRES	NO CHANGE
MINIMUM LOT WIDTH	300'	480'	NO CHANGE
MINIMUM STREET FRONTAGE	150'	60.5' **	NO CHANGE
REQUIRED FRONT YARD	100'	129'	NO CHANGE
REQUIRED SIDE YARD	100'	27.1' **	16.3' (V)
TOTAL SIDE YARD	200'	108.9' **	38.8' (V)
REQUIRED REAR YARD	100'	22.5' **	NO CHANGE
LAND COVERAGE	75%	52%	61%
MAXIMUM BUILDING HEIGHT: 3" PER FOOT FROM DESIGNATED STREET LINE	62'	18'	32'

** EXISTING NON-CONFORMING CONDITION
(V) VARIANCE REQUIRED

PROPOSED SITE PLAN
SCALE: 1" = 30'

		X X	INLET PROTECTION
		X X	DURING CONSTRUCTION
		X X	



AREA OF PROPOSED ADDITION:
 22,672.0 SQUARE FEET
 (incl. 1,146 sf of ext'g bldg wing)

ADDITIONAL IMPERVIOUS AREA:
 18,145 SQUARE FEET

PROPOSED SITE PLAN
 SCALE: 1" = 30'

DATE: _____

DATE: 20 OCTOBER 2022

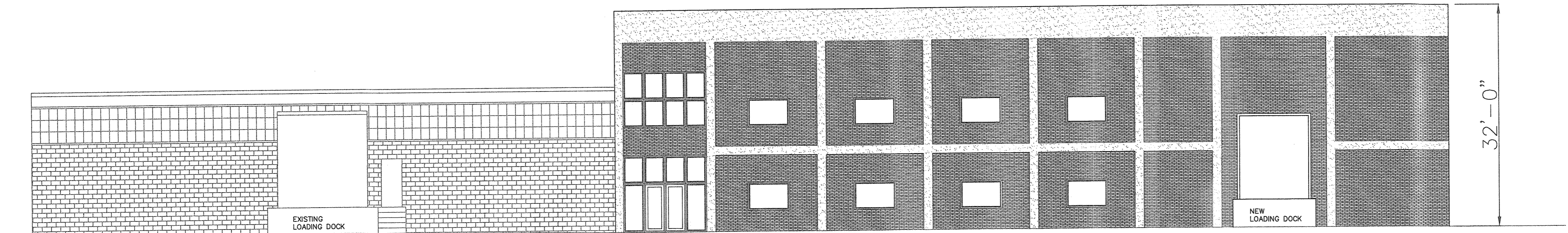
SCALE: AS NOTED
 SHEET: SP-1

EAST COAST BLR 1993 LLC
 11 KINGS HIGHWAY
 TAPPAN, NEW YORK 10983

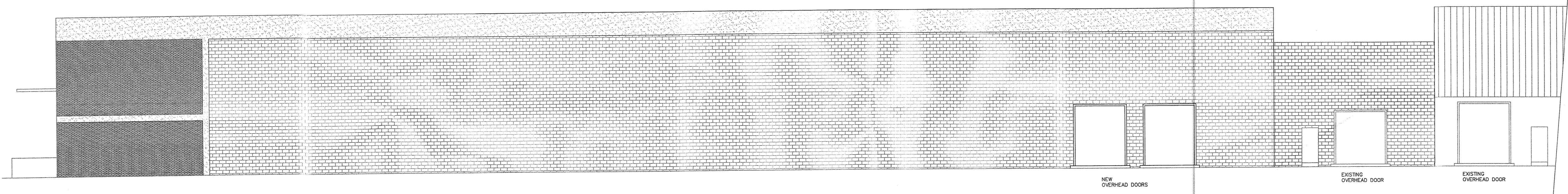
DO NOT SCALE PRINTS
 DRAINAGE AND EROSION
 CONTROL PLAN

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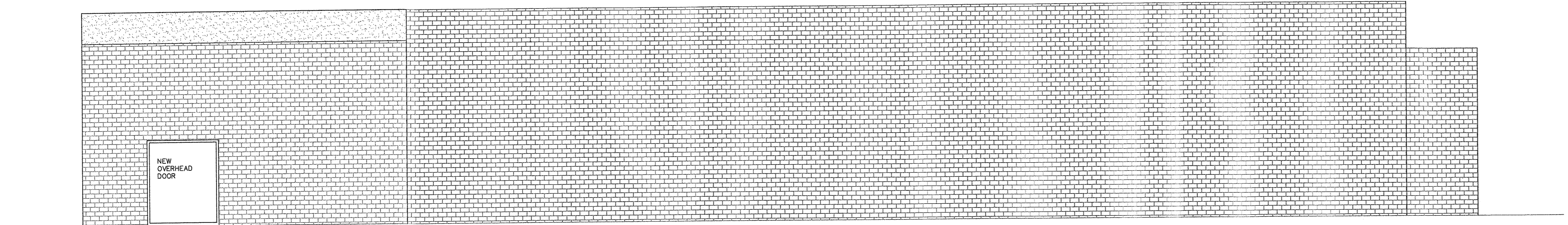
NY'S LIC #070545
 PLANS VALID ONLY IF SEALED



FRONT ELEVATION
SCALE: 3/32" = 1'-0"



SIDE ELEVATION
SCALE: 3/32" = 1'-0"



REAR ELEVATION
SCALE: 3/32" = 1'-0"

DO NOT SCALE PRINTS

DATE:	

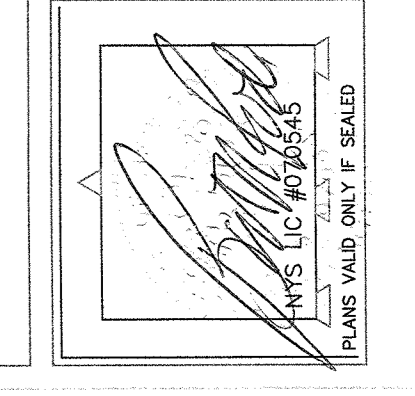
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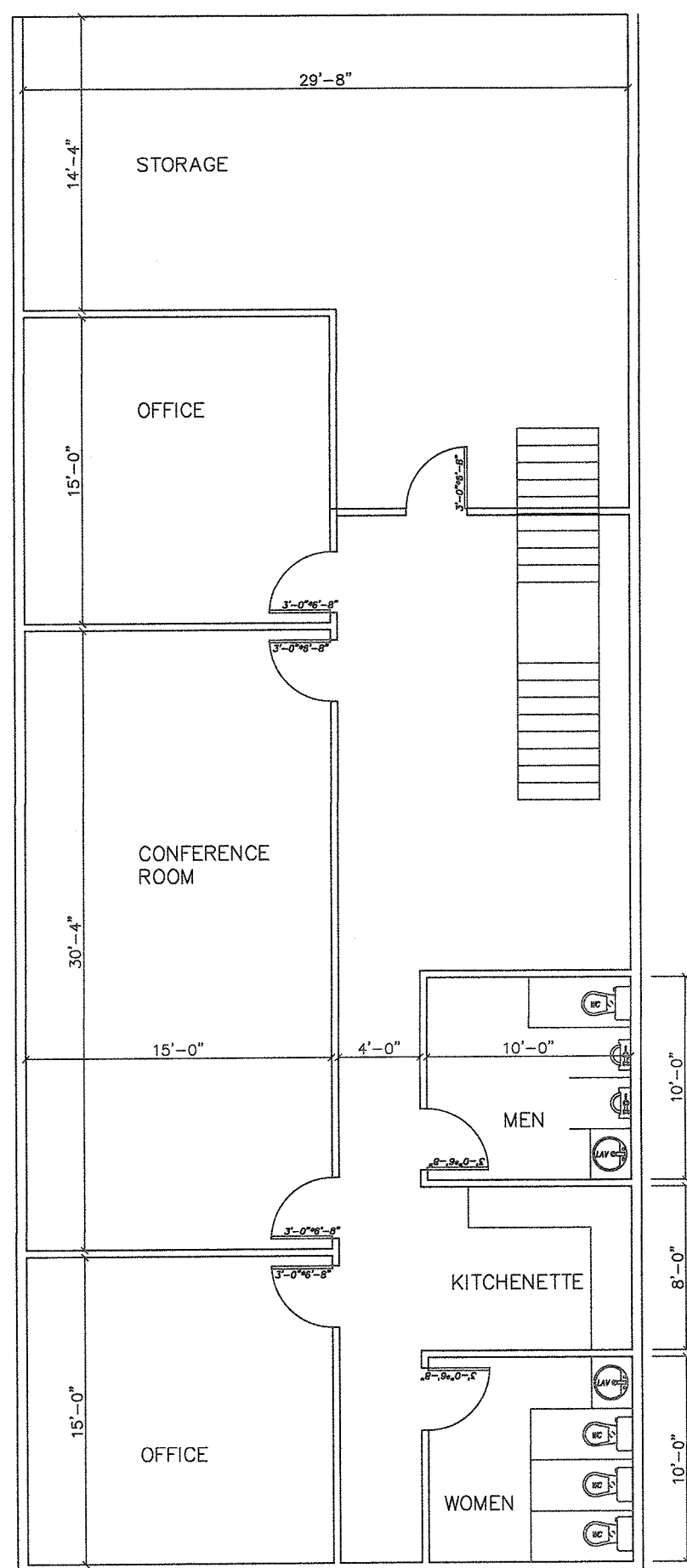
SCALE:	AS NOTED
SHEET:	A-1

EAST COAST INTERNATIONAL
11 KINGS HIGHWAY
TAPPAN, NEW YORK 10983

PROPOSED ELEVATIONS

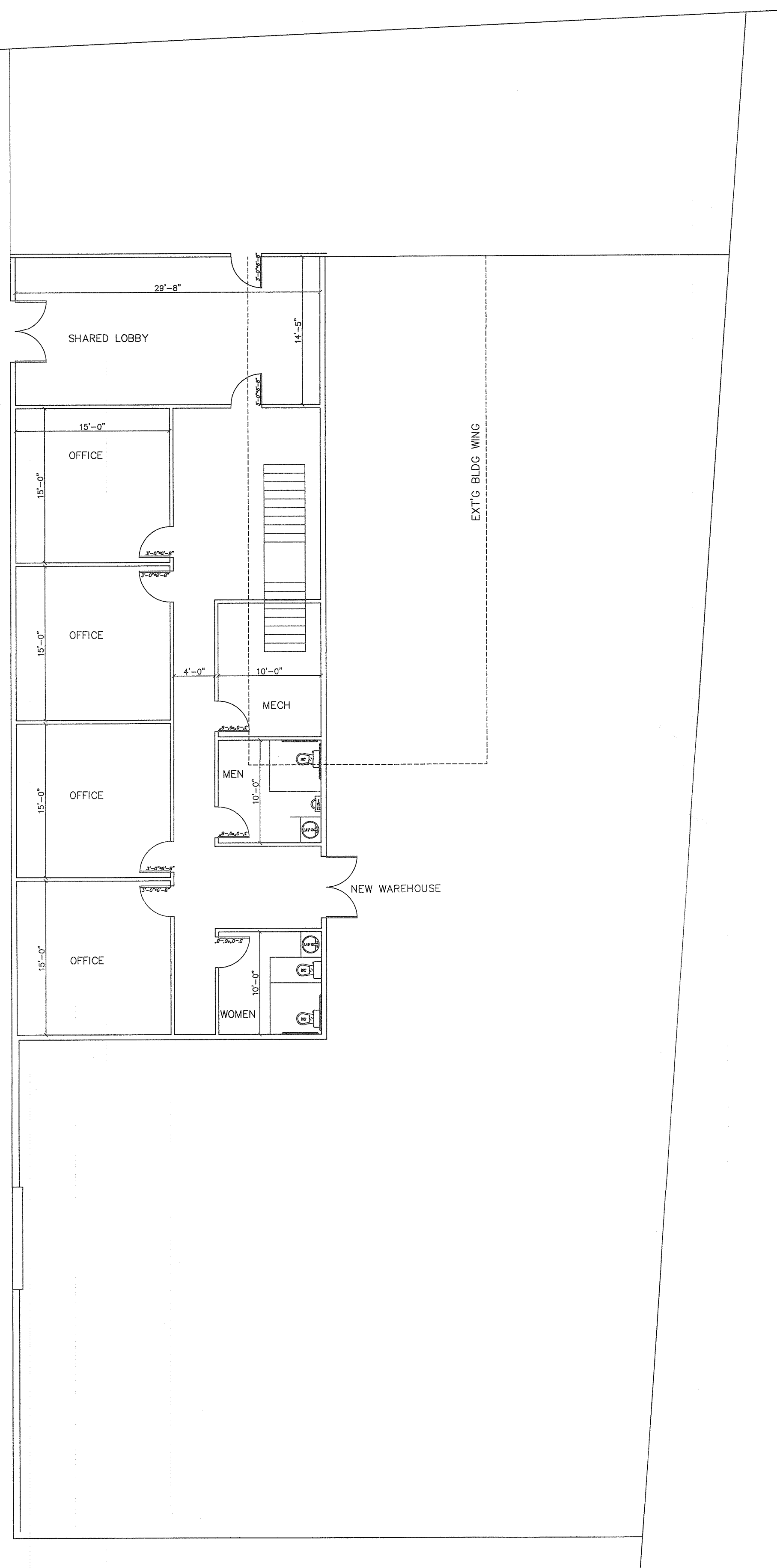
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RESIDENTIAL & COMMERCIAL
234 SOUTH GRANT AVE
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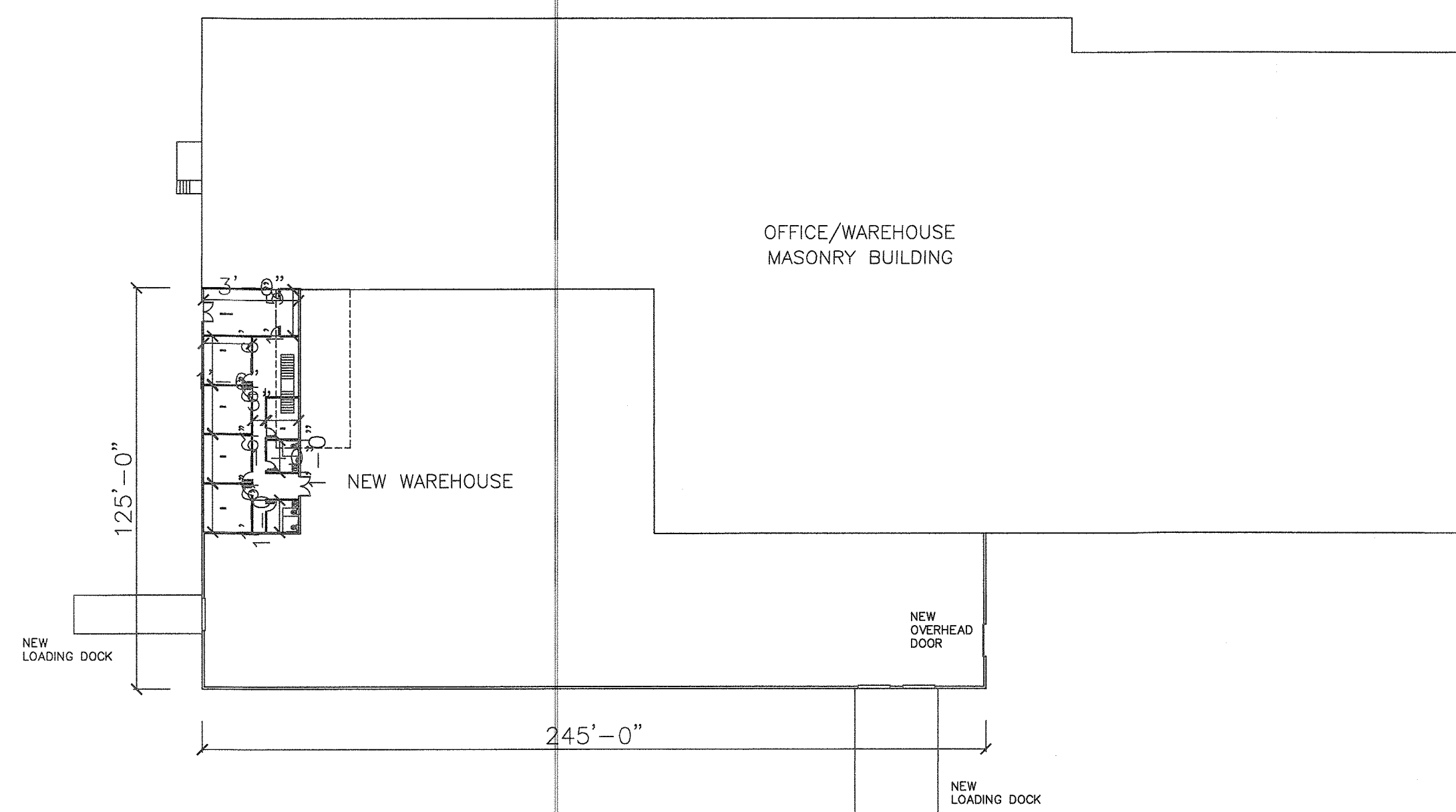


MEZZANINE PLAN
SCALE: 1/8" = 1'-0"

AREA OF PROPOSED ADDITION:
22,672.0 SQUARE FEET
(incl. 1,146 sf of ext'g bldg wing)



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



WAREHOUSE ADDITION PLAN
NOT TO SCALE

DO NOT SCALE PRINTS

DATE:	

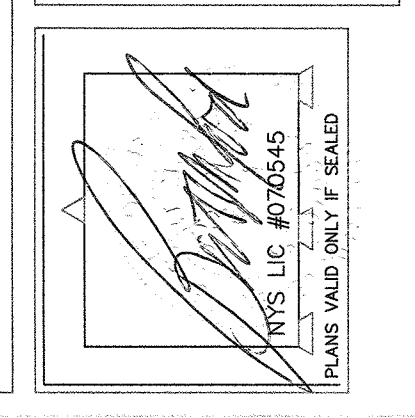
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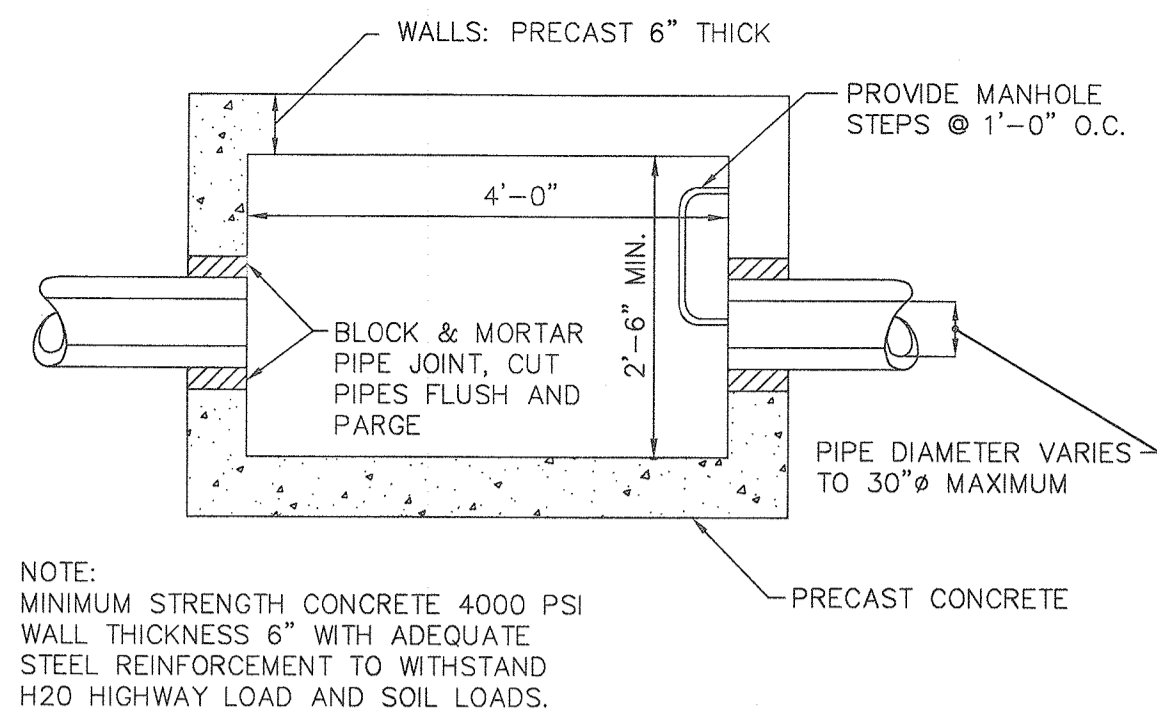
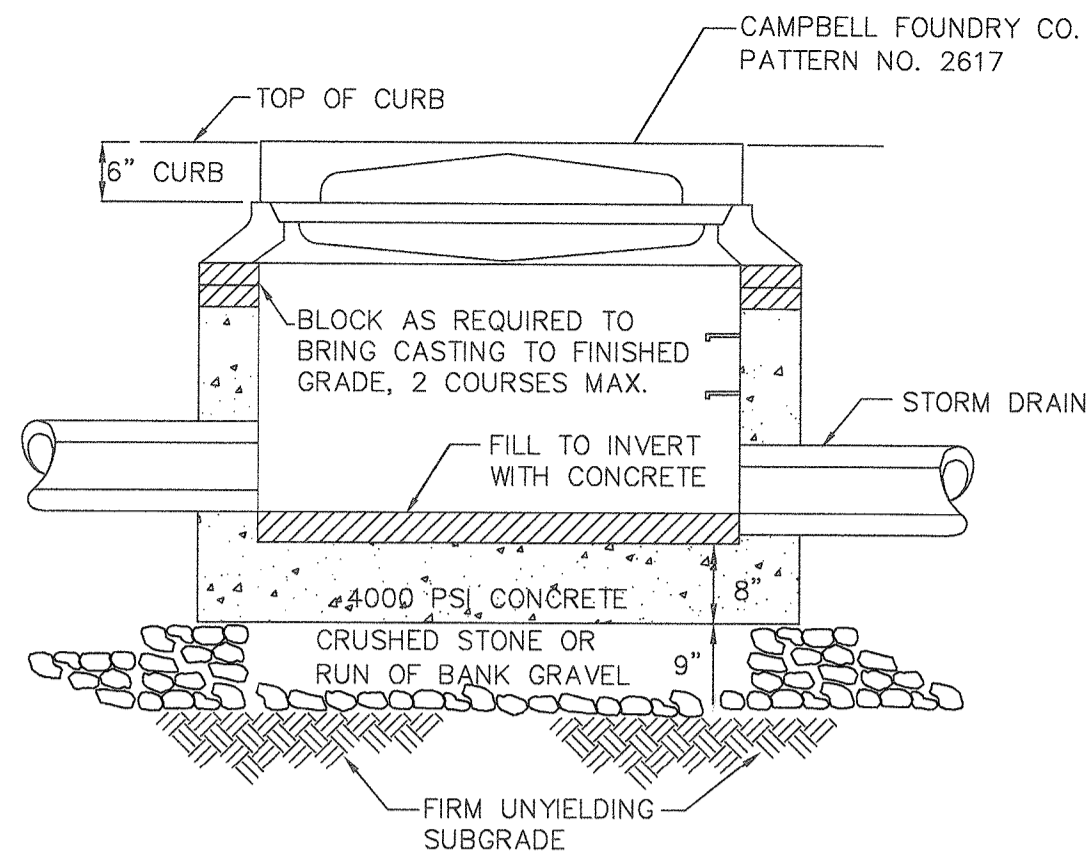
SCALE:	AS NOTED
SHEET:	A-2

EAST COAST BLDG 1993 LLC
11 KINGS HIGHWAY
TAPPAN, NEW YORK 10983

PROPOSED WAREHOUSE ADDITION

BART M. RUDI — ENGINEER
RESIDENTIAL & COMMERCIAL
234 SOUTH GRANT AVE
CONGENS, NEW YORK 10920
(845) 268-6663

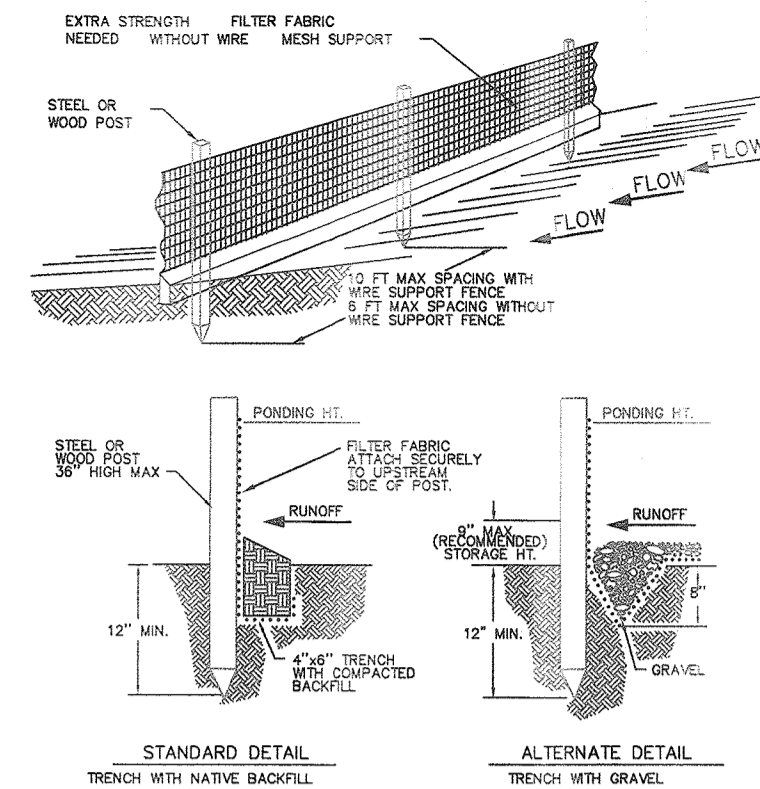




NOTE:
MINIMUM STRENGTH CONCRETE 4000 PSI
WALL THICKNESS 6" WITH ADEQUATE
STEEL REINFORCEMENT TO WITHSTAND
H20 HIGHWAY LOAD AND SOIL LOADS.

CATCH BASIN DETAIL

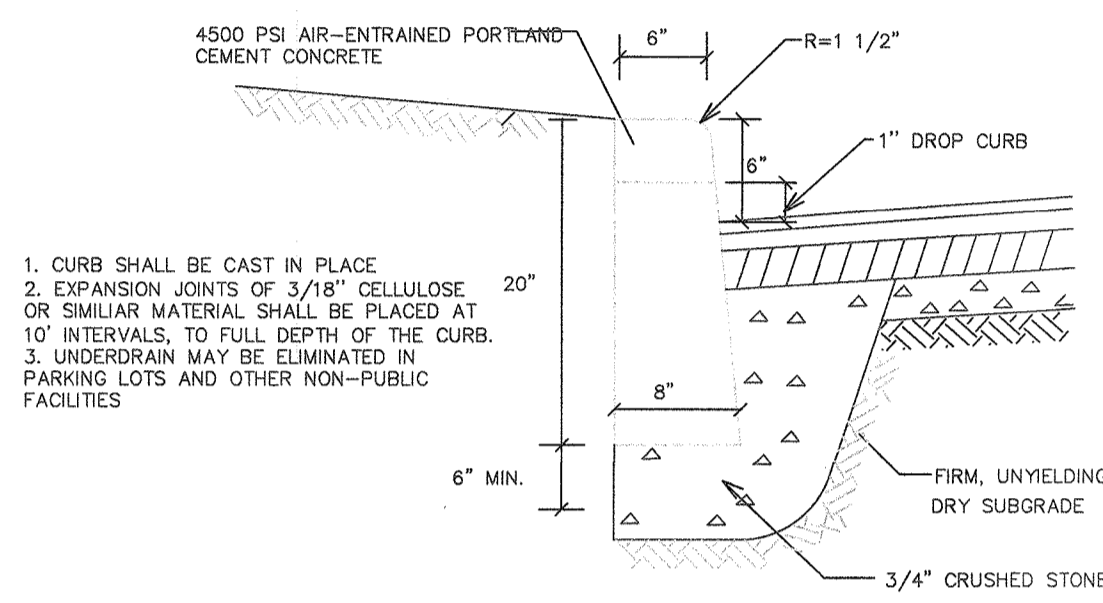
n.t.s.



NOTE:
1. INJECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTIGUOUS TO MAXIMIZE FLOWING EFFICIENCY.

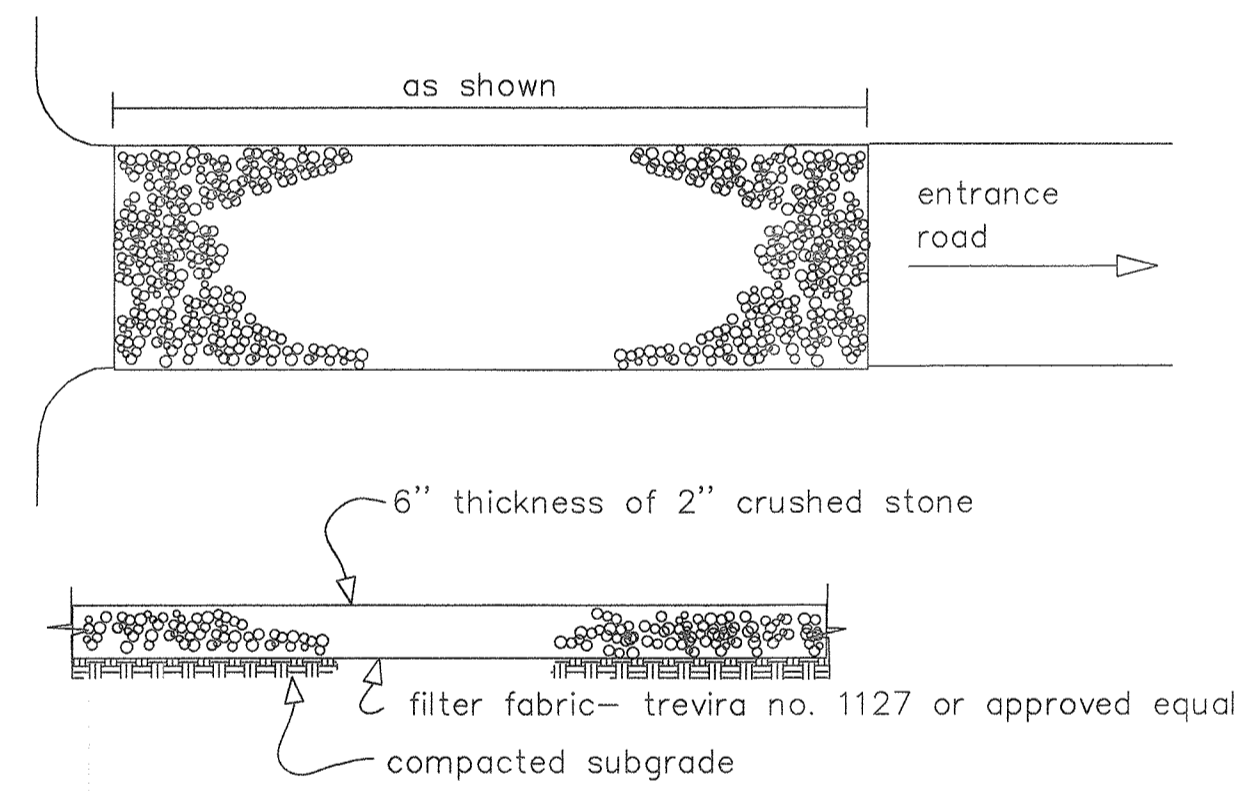
SILT FENCE

n.t.s.



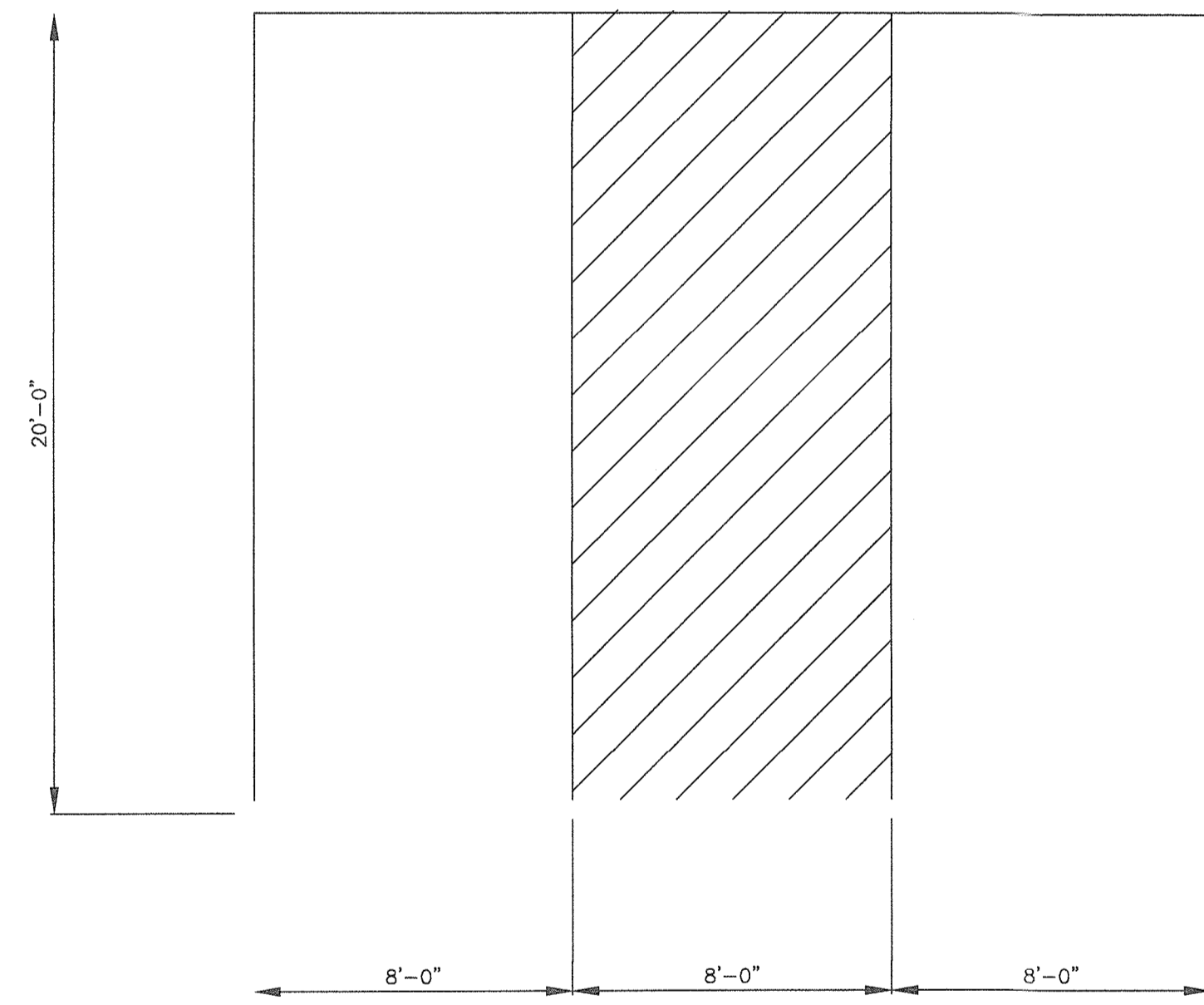
CONCRETE CURB

NOT TO SCALE



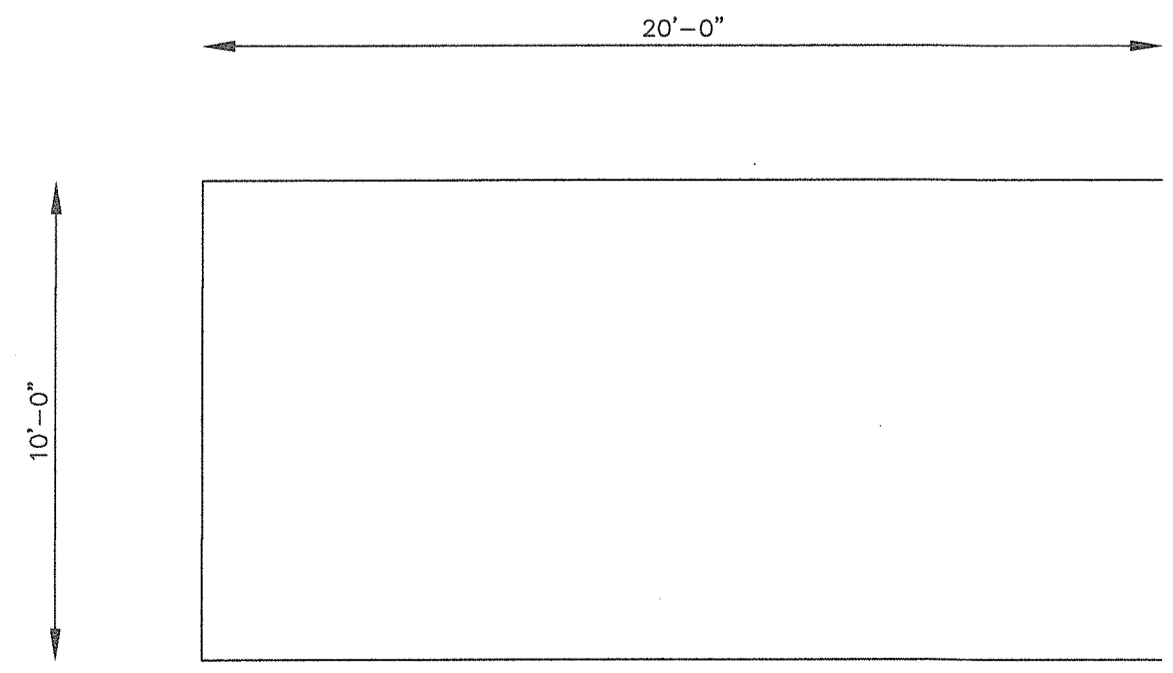
STABILIZED CONSTRUCTION ENTRANCE WHEEL CLEANING BLANKET

NOT TO SCALE



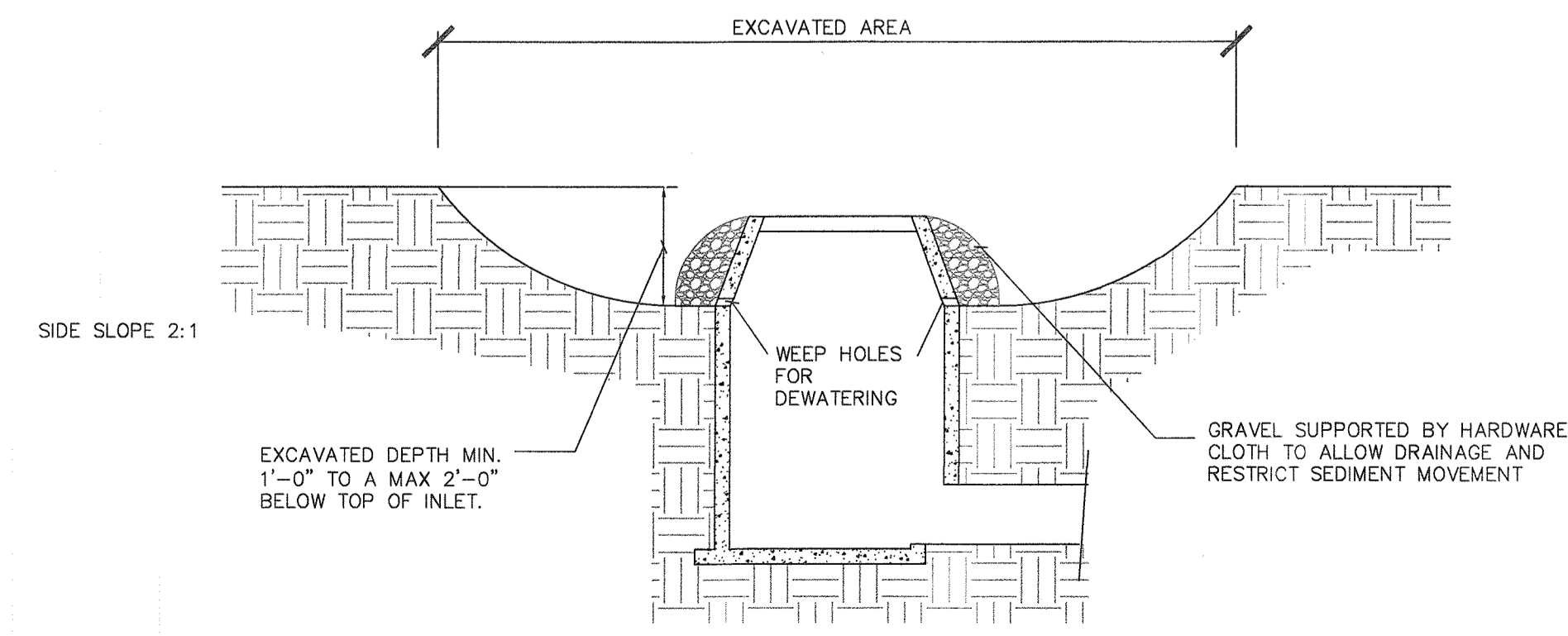
HANDICAP PARKING SPACE DETAIL

1/4" = 1'-0"



DIMENSIONS TYPICAL PARKING SPACE

1/4" = 1'-0"



INLET PROTECTION

Drywell Design: 11 Kings
Urban/Haven "B"

Development size =	0.4166 Acre
Undeveloped SCS Curve No. =	61.0000
Developed SCS Curve No. =	98.0000

1. Select Design Storm
100 year, 24-hour

2. Type of subsurface disposal system:
Cultec w/ 6" stone

3. Determine Percolation Rate:

Percolation Rate:	1.0000 inches
Drop	30.0000 minutes
Time	30.0000 minutes
a. Area of Percolation (Ap):	
Surface area of Cylinder	
Ac = Pi * Dhavg	
D =	1.0000 foot
havg =	8.5000 inches
Ac = 2.2253Ft^2	
Bottom Area	
Ab = Pi * r^2	
Ab = 0.7854Ft^2	
Volume of Percolation:	
Ap = Ac + Ab	
Ap = 3.0107Ft^2	
Vp = Ab * h	0.0654 Ft^3
Soil Percolation Rate	
Sr = volume/area/time	0.0007 Ft^3/Ft^2/Min.
Sr = 1.0435Ft^3/Ft^2/day	
Sr = (minus clogging factor of 25%)	0.7826 Ft^3/Ft^2/day

4. Calculate Required Storage Volume:

100yr, 24 hour rainfall =	9.3000 inches
Existing CN =	61.0000 therefore depth Vr = 4.40 Inches
Proposed CN =	98.0000 therefore depth Vr = 9.10 Inches
Delta Vr =	4.7000 Inches
Vs = delta V * Area	
Vs = 7106.7817Ft^3	

CULTEC Stormwater Design Calculator

Date: October 18, 2022

Project Information: [Blank]

Calculator Performed By: [Blank]

Recharger 330XLHD Chamber Specifications:

Height	30.5 inches
Width	52.0 inches
Length	4.50 feet
Installed Length	7.80 feet
Base Chamber Volume	63.31 cu. feet
Installed Chamber Volume	84.22 cu. feet

Breakdown of Storage Provided by Recharger 330XLHD Stormwater System:

Within Chambers	4,329.95 cu. feet
Within Feed Connectors	- cu. feet
Within Storm	2,854.73 cu. feet
Total Storage Provided	7,184.68 cu. feet
Total Storage Required	7,187.82 cu. feet

Materials List:

Total Number of Chambers Required	81 pieces
Starter Chambers	9 pieces
Intermediate Chambers	63 pieces
End Chambers	9 pieces
100% F.O.C.H Feed Connectors	0 pieces
CULTEC No. 410 Non-Woven Geotextile	1019 sq. yards
CULTEC No. 4800 Woven Geotextile	0 feet
Stone	327 cu. yards

Bed Detail:

Bed Layout Information:

Number of Rows Wide	9 pieces
Number of Chambers Long	9 pieces
Chamber Row Width	47.80 feet
Chamber Row Length	84.20 feet
Bed Width	48.00 feet
Bed Length	84.20 feet
Bed Area Required	3248.60 sq. feet
Length of Separator Row	N/A feet

Close Section Table Reference:

A	Depth of Stone Base	6.0 inches
B	Chamber Height	30.5 inches
DS	Depth of Stone Above Units	10.0 inches
D	Depth of 80% Compacted Fill	10.0 inches
E	Max. Depth Above the Chamber	12.00 feet
F	Chamber Width	52.0 inches
GS.33	Center to Center Spacing	52.0 feet
GS.34	Effective Depth	14.50 feet
GS.35	Bed Depth	14.50 feet

DATE: _____

DATE: 20 OCTOBER 2022

SCALE: AS NOTED

SHEET: D-1

EAST COAST BIR 1993 LLC

11 KINGS HIGHWAY
TAPPAN, NEW YORK 10983

DETAILS

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