

KATZMAN RECYCLING SITE (SITE NO. 558035)

TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

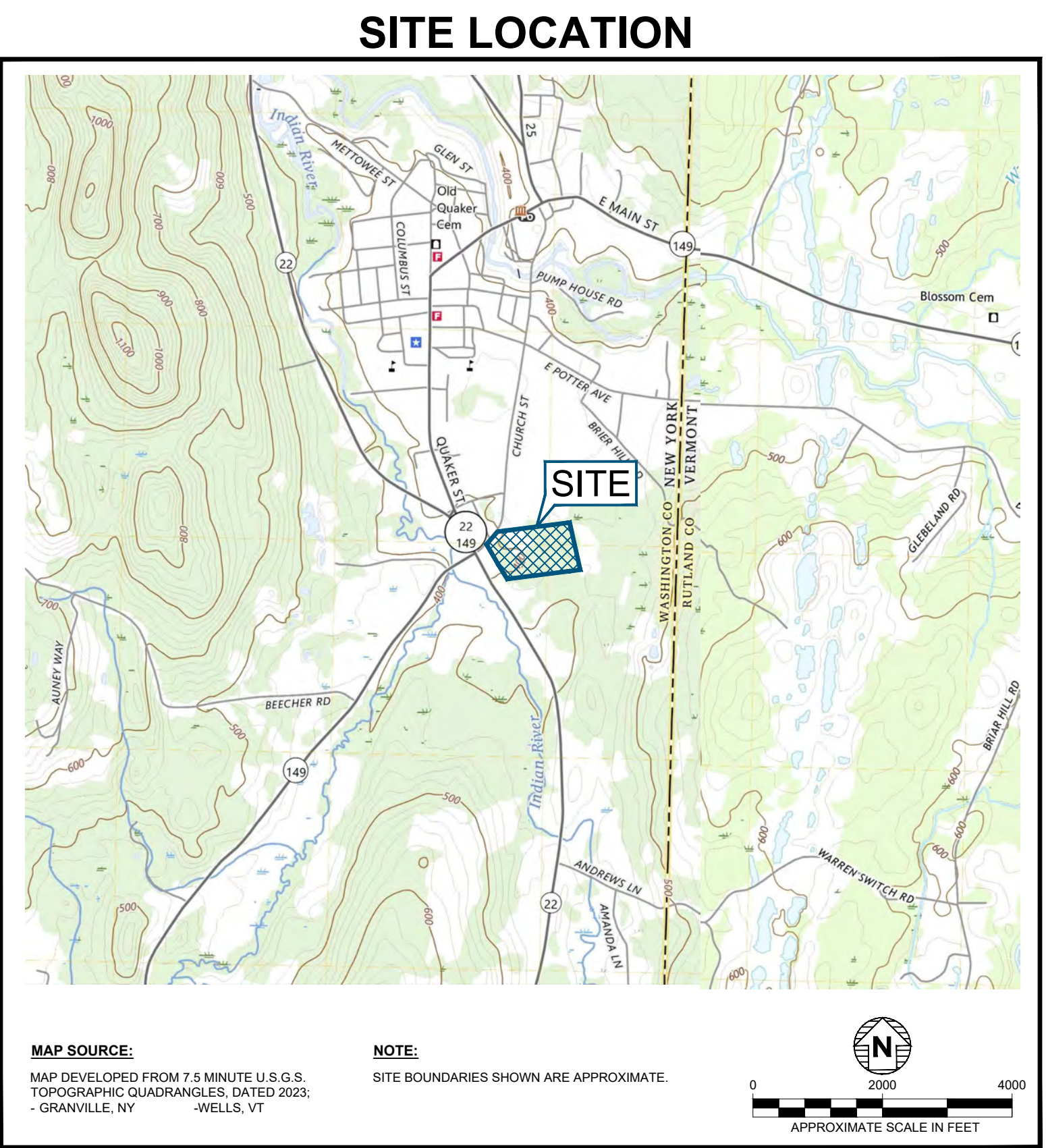
REMEDIAL ACTION CONTRACT DRAWINGS

CONTRACT D013322

FINAL DESIGN

TRC ENGINEERS, INC.

FEBRUARY 2025



DRAWING INDEX



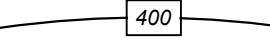

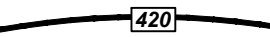
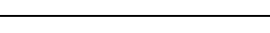


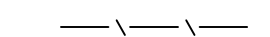
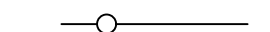
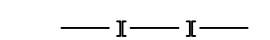

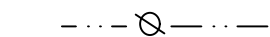
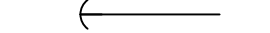




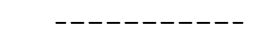




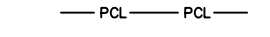


DRAWING NO.	TITLE
G-001	TITLE SHEET, SITE LOCATION, AND DRAWING INDEX
G-002	LEGEND AND NOTES
G-100	EXISTING SITE CONDITIONS - TOPOGRAPHICAL SURVEY
G-101	SITE PREPARATION - SEDIMENT AND EROSION CONTROLS
C-100	EXCAVATION AREAS - KEY PLAN
C-101	EXCAVATION PLAN - GROUND SURFACE TO ELEVATION 425.0'
C-102	EXCAVATION PLAN - ELEVATION 425.0' TO 423.0'
C-103	EXCAVATION PLAN - ELEVATION 423.0' TO 421.0'
C-104	EXCAVATION PLAN - ELEVATION 421.0' TO 419.0'
C-105	EXCAVATION PLAN - ELEVATION 419.0' TO 417.0'
C-106	EXCAVATION PLAN - ELEVATION 417.0' TO 415.0'
C-107	EXCAVATION PLAN - ELEVATION 415.0' TO 413.0'
C-108	EXCAVATION PLAN - ELEVATION 413.0' TO 411.0'
C-109	EXCAVATION PLAN - ELEVATION 411.0' TO 409.0'
C-110	EXCAVATION PLAN - ELEVATION 409.0' TO 407.0'
C-111	EXCAVATION PLAN - ELEVATION 407.0' TO 405.0'
C-112	EXCAVATION PLAN - AREAS A THROUGH E
C-113	SITE RESTORATION PLAN
C-500	DETAILS 1
C-501	DETAILS 2



WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 7209.2.

C:\Users\lucy\OneDrive - ATTORNEY DESK\NYSDEC\katz\2-16 Katzman Recycling\Design\100% Final Design\5 Drawings\TRC\WD G-002 - Legend and Notes (Final katzR).dwg -- PLOT DATE: February 06, 2025 - 10:15AM -- LAYOUT: G-002 (24X36).
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DRAWING NAME: \\CLIFTONPARK-VFP\cliftonpark\ECR\Projects\NYSDEC\0009812\Work Assignments\0009812-16 Katzman Recycling\Design\100% Final Design\5 Drawings\TRC\WD G-002 - Legend and Notes (Final katzR).dwg

LEGEND (SYMBOLS NOT TO SCALE):

	LIMITS OF SURVEYED PROPERTY BOUNDARY
	LIMITS OF WORK
	5' CONTOUR
	1' CONTOUR
	PROPOSED FINAL GRADE CONTOUR
	PAVED ROAD
	UNPAVED ROAD
	CENTERLINE OF ROAD
	BARBED WIRE FENCE
	CHAIN LINK FENCE
	WOODEN STOCKADE FENCE
	TREE LINE / EDGE OF WOODS
	UTILITY POLE WITH OVERHEAD WIRES
	UTILITY POLE ANCHOR
	CAR
	CAR PARTS
	DRUM
	MONITORING WELL
	APPROXIMATE EDGE OF DEBRIS PILE
	DELINEATED WETLAND
	SIGN
	CONCRETE
	TEMPORARY CONSTRUCTION / SNOW FENCE
	PERMANENT CHAIN LINK FENCE
	ASBESTOS CONTAINING SOIL AND DEBRIS PILE COVERED WITH POLYETHYLENE SHEETING (TO BE REMOVED)
	CRUSHED STONE ROADWAY

ABBREVIATIONS:

BM	BENCH MARK
CM	CONCRETE MONUMENT
DIA	DIAMETER
ELEV	ELEVATION
E.O.B.	EDGE OF BRUSH
E.O.G.	EDGE OF GRAVEL
E.O.P.	EDGE OF PAVEMENT
E.O.W.	EDGE OF WATER
FT	FEET OR FOOT
GPS	GLOBAL POSITIONING SYSTEM
H	HORIZONTAL
HDPE	HIGH-DENSITY POLYETHYLENE
MAX	MAXIMUM
MIL	THICKNESS, IN THOUSANDTHS OF AN INCH
MIN	MINIMUM
MG/KG	MILLIGRAMS PER KILOGRAM
MW	MONITORING WELL
NA	NOT APPLICABLE
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NYS	NEW YORK STATE
O.C.	ON CENTER
PCB	POLYCHLORINATED BIPHENYL
PVC	POLYVINLYL CHLORIDE
SDR	STANDARD DIMENSION RATIO
TYP	TYPICAL
V	VERTICAL

GENERAL NOTES:

- THE "DEPARTMENT" OR "NYSDEC" SHALL BE DEFINED AS THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, MATERIALS, SUPPLIES, FACILITIES, POWER AND INCIDENTALS NECESSARY TO FULLY COMPLETE THE WORK AS SHOWN, AS SPECIFIED AND AS DIRECTED BY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS, INCLUDING ANCILLARY ITEMS OF WORK NOT SPECIFICALLY IDENTIFIED, AS REQUIRED TO COMPLETE THE WORK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS, AND THE CONTRACTOR'S APPROVED SUBMITTALS. IF ANY LAW, REGULATION AND/OR CONTRACT DOCUMENTS HAVE CONTRADICTING REQUIREMENTS, THEN THE MOST STRINGENT REQUIREMENT SHALL APPLY, AS DETERMINED BY ENGINEER. LOCAL LAWS SHALL INCLUDE ANY TOWN, VILLAGE, CITY OR OTHER LOCAL REGULATORY AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR IS RESTRICTED FROM PERFORMING ANY OPERATIONS OUTSIDE THE DEFINED CONTRACT LIMITS OF WORK/DISTURBANCE UNLESS OTHERWISE APPROVED BY THE DEPARTMENT. ADDITIONALLY, ALL WORK COMPLETED ON TEMPORARY EASEMENTS SHALL CONFORM WITH APPLICABLE ACCESS AGREEMENTS, AND OTHER TEMPORARY AND PERMANENT EASEMENTS OBTAINED FOR THE PROJECT.
- ANY UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND HAVE BEEN OBTAINED FROM AVAILABLE SOURCES. THE EXISTENCE AND LOCATION OF ANY UTILITIES INDICATED ON THE PLANS ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. PUBLIC AND PRIVATE UTILITIES SHALL BE LOCATED BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE DEPARTMENT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COMPLY WITH THE NEW YORK STATE REQUIREMENTS FOR PROVIDING ADVANCED NOTICE OF EXCAVATION WORK USING "UDIG NY" - (800) 962-7962 OR 811. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY NO LATER THAN 48 HOURS PRIOR TO ANY EXCAVATION THAT MAY AFFECT THAT UTILITY. EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES SHALL BE DUG BY HAND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.
- SCALES SHOWN HEREIN ARE FOR FULL SIZE PLOTS ON 24" X 36" SHEETS. THE CONTRACTOR IS RESPONSIBLE FOR CONVERTING SCALES ON REDUCED OR ENLARGED PLOTS.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- DO NOT SCALE ANY DRAWINGS. VERIFY THE FIGURES, DIMENSIONS, AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE INITIATING LAYOUT OF THE WORK AND REPORT ANY INACCURACIES, MISSING DIMENSIONAL REQUIREMENTS OR CONFLICTS TO THE ENGINEER IN WRITING PRIOR TO INITIATING ANY WORK.
- THE WORK INCLUDES REDUCING DEBRIS TO MEET THE SIZE ACCEPTANCE REQUIREMENTS OF DISPOSAL FACILITIES.

WASTE CHARACTERIZATION SAMPLING AND ANALYSIS:

THE CONTRACTOR SHALL COLLECT AND ANALYZE ALL WASTE CHARACTERIZATION SAMPLES REQUIRED BY DISPOSAL FACILITIES FOR THE ANALYTICAL PARAMETERS REQUIRED AND, AT A MINIMUM, AT THE FREQUENCY REQUIRED BY THE DISPOSAL FACILITY. ADDITIONALLY, REGARDLESS OF THE DISPOSAL FACILITY REQUIREMENTS, AT A MINIMUM, ONE REPRESENTATIVE SAMPLE SHALL BE COLLECTED AND ANALYZED FOR EACH 250 CUBIC YARDS OF MATERIAL EXCAVATED FOR DISPOSAL FOR TCLP RCRA METALS. THE CONTRACTOR SHALL ANALYZE WASTE CHARACTERIZATION SAMPLES FOR PFAS, DIOXINS, FURANS, AND OTHER PARAMETERS WHEN REQUIRED BY THE DISPOSAL FACILITY.

NOT TO SCALE

PAPER SIZE: 24" BY 36"

FINAL DESIGN



1407 Broadway, Suite 3301
New York, NY 10018
Phone: 212.221.7822
www.trccompanies.com

TRC Project No: 432260.0000.05.03

WARNING: IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 2002.2 FOR ANY PERSON, UNLESS ACTING AS A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DRAWING OR ANY PART THEREOF. ANY PERSON WHO VIOLATES THIS PROHIBITION SHALL BE IN VIOLATION OF NEW YORK LAW, SECTION 2002.2

PROFESSIONAL ENGINEER

DATE:

Revisions:

No. Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

LEGEND AND NOTES

Contract No:
D013322

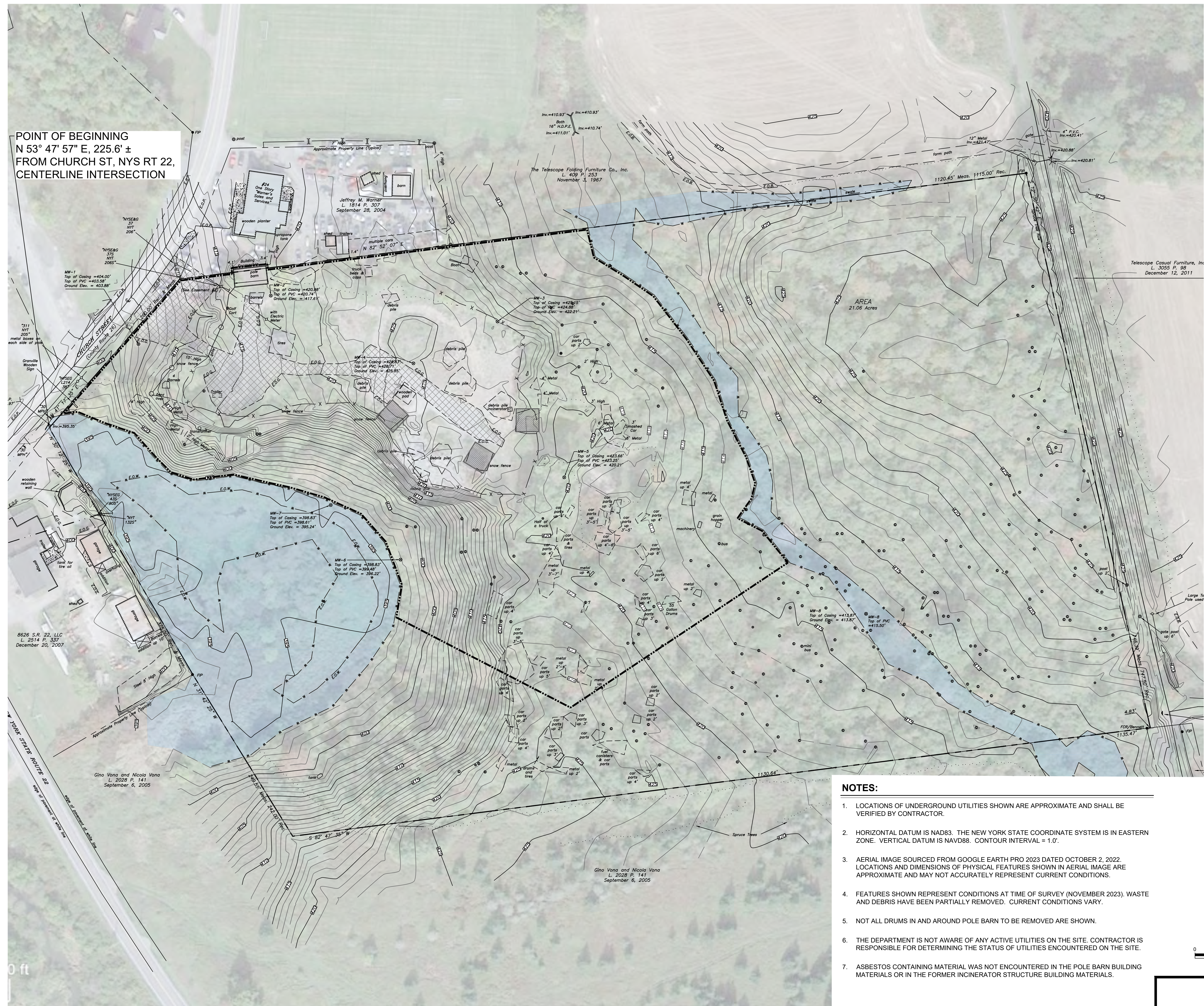
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Date:
FEBRUARY 2025

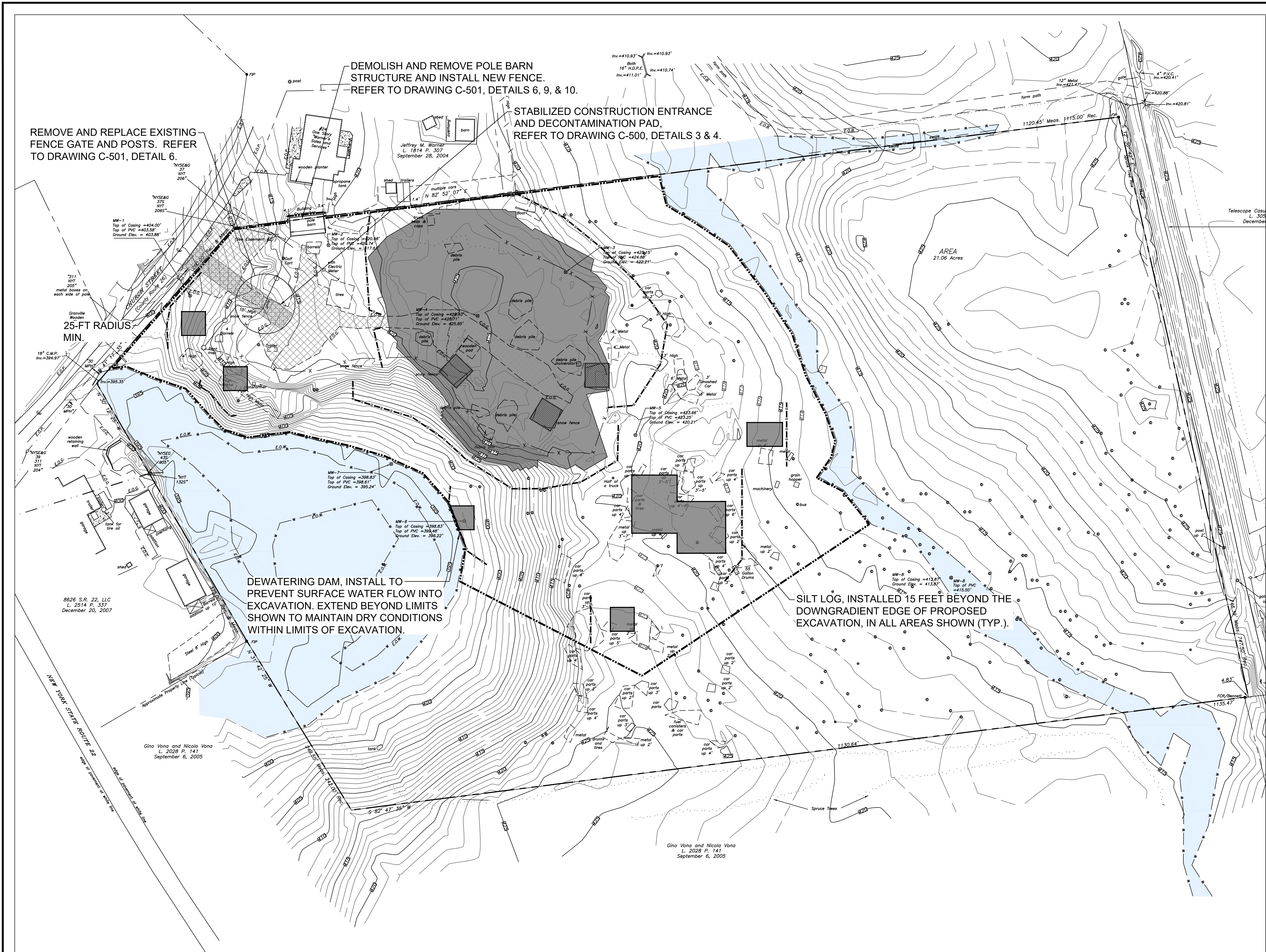
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G-002



FINAL DESIGN

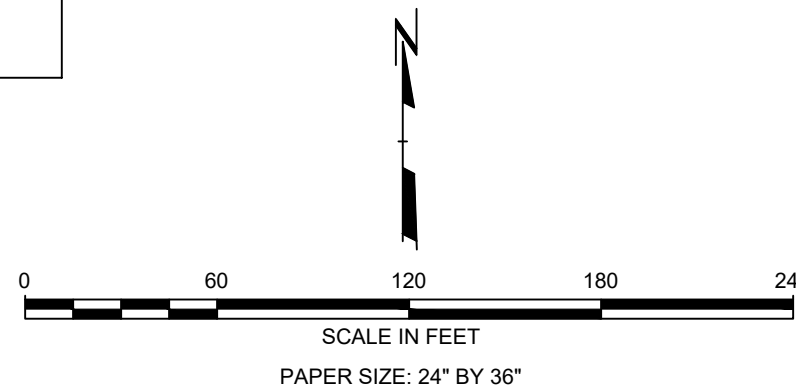


LEGEND (SYMBOLS NOT TO SCALE):


- LIMITS OF SURVEYED PROPERTY BOUNDARY
- LIMITS OF WORK
- ASBESTOS CONTAINING SOIL AND DEBRIS PILES COVERED WITH POLYETHYLENE SHEETING (TO BE REMOVED)
- STABILIZED CONSTRUCTION ENTRANCE AND DECONTAMINATION PAD
- SILT LOG
- APPROXIMATE LIMITS OF EXCAVATION
- DEWATERING DAM (REFER TO NOTE 6 BELOW)

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- INSTALL SEDIMENT AND EROSION CONTROL PRODUCTS IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION SECTION 31 25 00 AND MANUFACTURER'S INSTRUCTIONS.
- REMOVE VEGETATION AND DEBRIS IN LOCATIONS OF SEDIMENT AND EROSION CONTROLS.
- INSTALL DEWATERING DAM IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION SECTION 31 23 19 AND MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR SHALL ALTER THE DEWATERING DAM LOCATION(S) AND EXTEND THE DEWATERING DAM LIMITS AS REQUIRED AND APPROVED, TO MAINTAIN DRY CONDITIONS.
- CLEARING AND GRUBBING, INCLUDING TREE REMOVAL, SHALL BE LIMITED TO ONLY WHAT IS NECESSARY FOR ACCESS TO AND COMPLETION OF THE WORK.
- THE POLE BARN SHALL BE DEMOLISHED, DEBRIS REMOVED, AND GROUND SURFACE RESTORED.
- IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 01 51 05 - TEMPORARY FACILITIES AND CONTROLS, ACCEPTABLE PERIMETER FENCING SHALL BE TEMPORARY FENCE PANELS OR DRIVEN POST FENCE PANELS.



FINAL DESIGN



1407 Broadway, Suite 1301
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TRC Project No: 432260.0000.05.03

PROFESSIONAL ENGINEER:

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

SITE PREPARATION - SEDIMENT
AND EROSION CONTROLS

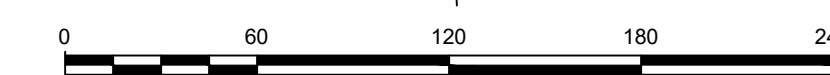
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D013322

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1" = 60'



Date:
FEBRUARY 2025

Sheet:
4 OF 20

Drawing No:
G-101



LEGEND (SYMBOLS NOT TO SCALE):

-  ASBESTOS CONTAINING SOIL AND DEBRIS PILE (TO BE REMOVED)
 APPROXIMATE LIMITS OF EXCAVATION

NOTES:

1. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
2. HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
3. REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
4. MW-3, MW-4, AND MW-6 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
5. REMOVE ASBESTOS CONTAINING SOIL AND DEBRIS PILES IN ADVANCE OF ALL OTHER EARTHWORK AND EXCAVATION AND IN ACCORDANCE WITH SUPPLEMENTARY SPECIFICATION SECTION 02 82 33.
6. THE WORK INCLUDES REDUCING DEBRIS TO MEET THE SIZE ACCEPTANCE REQUIREMENTS OF DISPOSAL FACILITIES.



407 Broadway, Suite 3301
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TRC Project No: 432260.0000.05.03

PROFESSIONAL ENGINEER:

DATE:

Revisions:

[illegible]

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION AREAS - KEY PLAN

Contract No:
D013322

Scale:
1" = 60'

Date:
FEBRUARY 2025

Sheet:
5 OF 20

Drawing No:

C-100



LEGEND (SYMBOLS NOT TO SCALE):

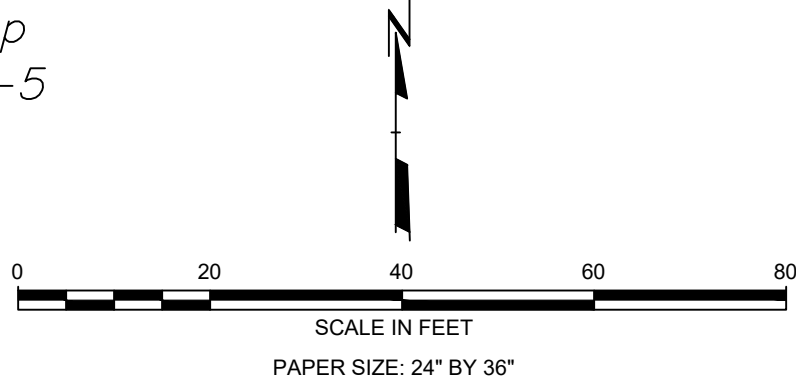
- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 425.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG
- REMOVE ASBESTOS CONTAINING SOIL AND DEBRIS TO A DEPTH OF 24 INCHES BELOW THE SURROUNDING GROUND SURFACE. MATERIAL TO BE REMOVED IS ASBESTOS CONTAINING AND TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS ≥ 50 MG/KG.
- C-101-### GRID BOX AND IDENTIFICATION NUMBER


NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- REMOVE ASBESTOS CONTAINING SOIL AND DEBRIS PILES IN ADVANCE OF ALL OTHER EARTHWORK AND EXCAVATION AND IN ACCORDANCE WITH SUPPLEMENTARY SPECIFICATION SECTION 02 82 33 - REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING SOIL AND DEBRIS.
- ASBESTOS CONTAINING SOIL AND DEBRIS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH SUPPLEMENTARY SPECIFICATION SECTION 02 82 33 - REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING SOIL AND DEBRIS.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF LESS THAN 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES			
POINT	NORTHING	EASTING	
A101	1663876.11	821475.93	
B101	1663886.88	821486.34	
C101	1663886.01	821507.89	
D101	1663850.48	821492.85	
E101	1663835.81	821518.09	
F101	1663884.25	821532.04	
G101	1663917.00	821531.05	
H101	1663985.13	821546.62	
I101	1663995.59	821526.87	
J101	1663999.51	821494.29	
K101	1663962.42	821480.67	
MW-3	1664051.45	821532.27	
MW-4	1663927.17	821495.56	

LIMITS OF ASBESTOS CONTAINING SOIL AND DEBRIS EXCAVATION				
LOCATION			ELEVATION	
POINT	NORTHING	EASTING	EXISTING	EXCAVATION
B101	1663886.88	821486.34	422.7	419.7
C101	1663886.01	821507.89	426.0	423.0
D101	1663844.46	821487.02	426.0	423.0
E101	1663865.32	821465.47	422.7	419.7
F101	1663790.45	821605.08	423.5	420.5
G101	1663816.03	821620.75	423.0	420.0
H101	1663831.70	821595.17	423.5	420.5
I101	1663806.12	821579.50	423.7	420.7
J101	1663845.39	821678.85	421.0	418.0
K101	1663875.39	821678.85	422.1	419.1
L101	1663875.39	821648.85	423.5	420.5
M101	1663845.39	821648.85	422.8	419.8





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PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN - GROUND SURFACE
TO ELEVATION 425.0'

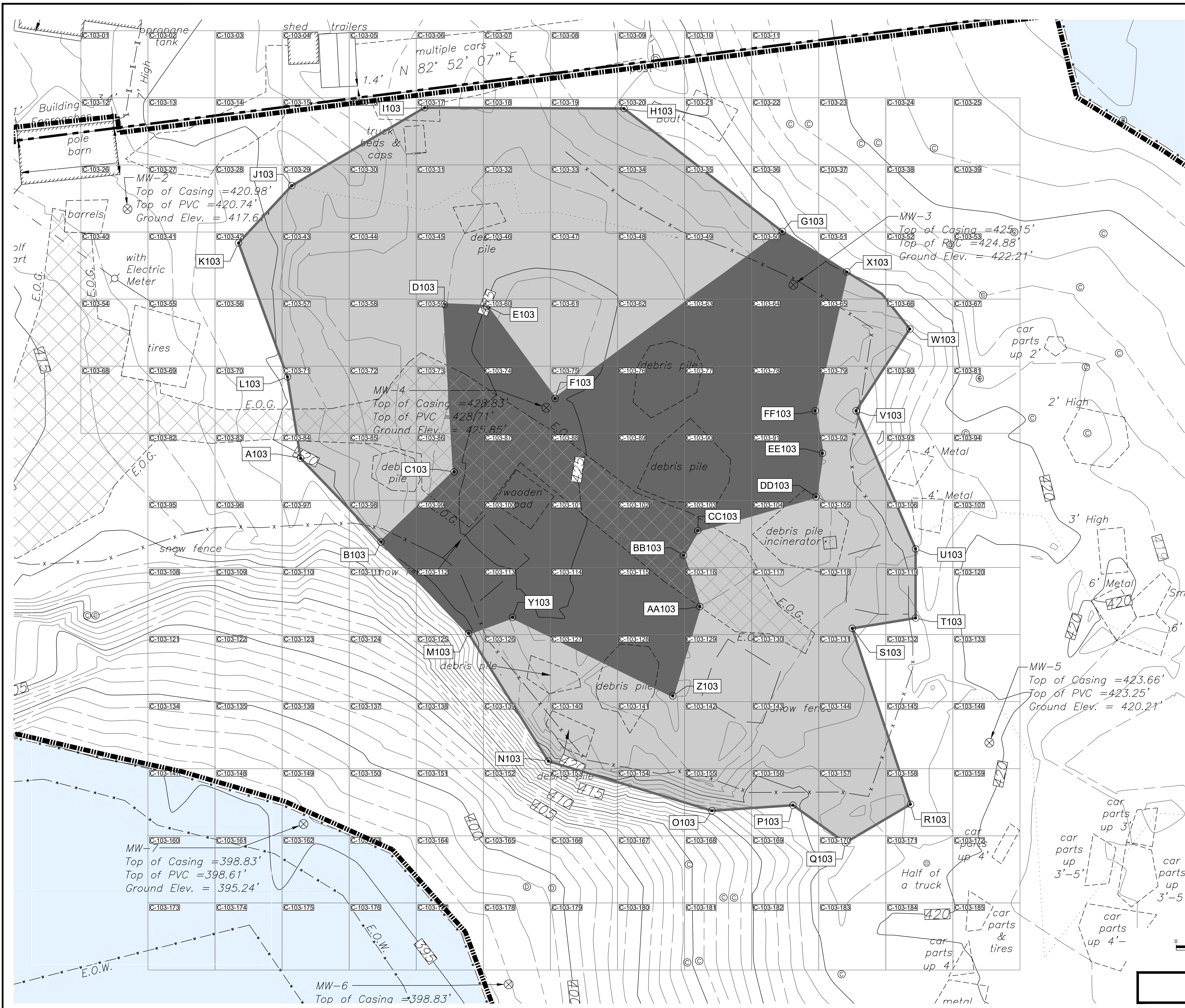
Contract No:
D013322

Scale:
1" = 20'

Date:
FEBRUARY 2025

Sheet:
6 OF 20

Drawing No:
C-101



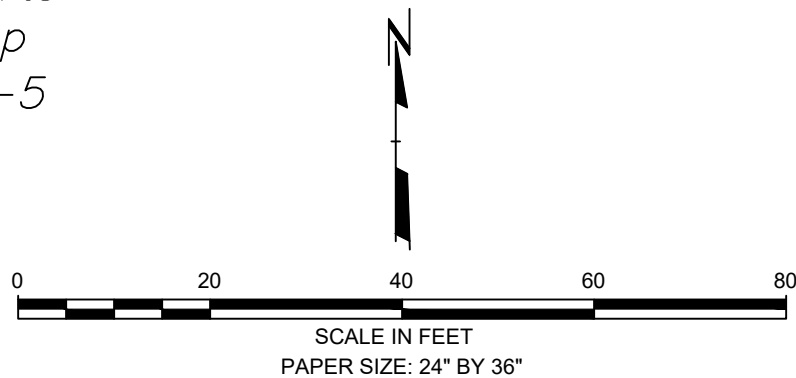
LEGEND (SYMBOLS NOT TO SCALE):

- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 421.0 FEET. MATERIAL TO BE REMOVED IS TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF ≥ 50 MG/KG.
- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 421.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER


NOTES:

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- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
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- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A103	1663912.51	821403.98
B103	1663875.07	821439.87
C103	1663906.44	821472.59
D103	1663981.31	821468.18
E103	1663980.56	821487.19
F103	1663939.23	821517.75
G103	1664013.93	821619.35
H103	1664068.92	821548.58
I103	1664069.30	821459.40
J103	1664034.43	821400.03
K103	1664008.83	821376.18
L103	1663948.87	821398.08
M103	1663834.20	821479.06
N103	1663777.07	821514.74
O103	1663754.90	821587.91
P103	1663757.37	821624.16
Q103	1663740.60	821647.59
R103	1663757.77	821676.73
S103	1663836.48	821650.70
T103	1663841.06	821679.01
U103	1663872.01	821679.01
V103	1663933.77	821652.38
W103	1663970.32	821676.45
X103	1663995.86	821648.23
Y103	1663841.39	821498.71
Z103	1663806.28	821570.40
AA103	1663846.21	821582.49
BB103	1663869.09	821575.18
CC103	1663860.15	821581.56
DD103	1663895.28	821634.49
EE103	1663914.74	821637.34
FF103	1663933.76	821634.08
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56



FINAL DESIGN



1407 Broadway, Suite 3301
New York, NY 10018
Phone: 212.221.1822
www.trccompanies.com

PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 423.0' TO 421.0'

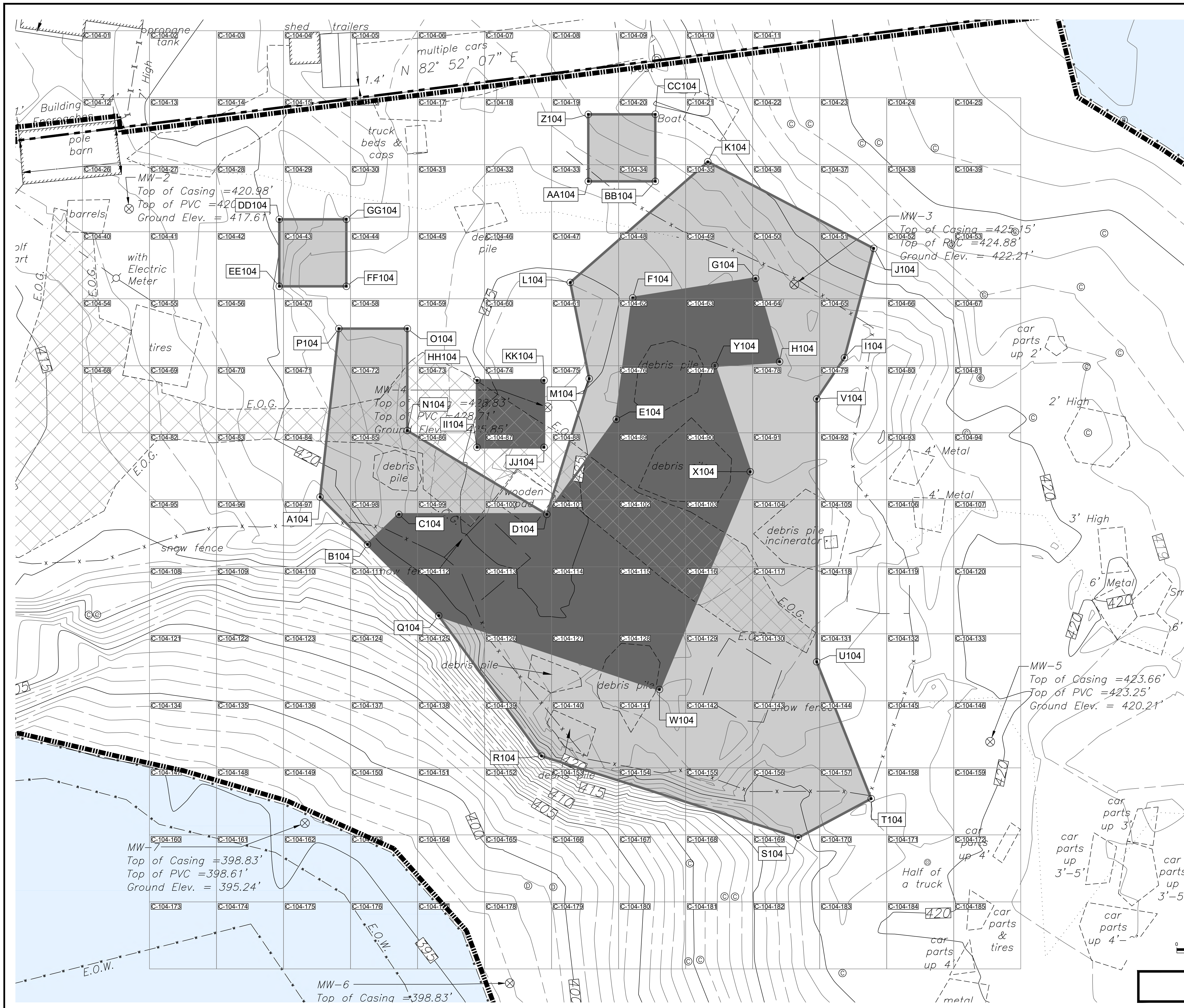
Contract No:
D013322

Scale:
1" = 20'

Date:
FEBRUARY 2025

Sheet:
8 OF 20

Drawing No:
C-103



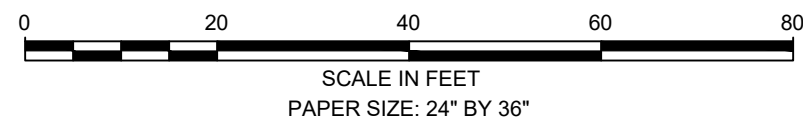
LEGEND (SYMBOLS NOT TO SCALE):

- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 419.0 FEET. MATERIAL TO BE REMOVED IS TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF ≥ 50 MG/KG.
- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 419.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A104	1663894.92	821412.05
B104	1663873.69	821433.25
C104	1663887.16	821447.33
D104	1663887.18	821513.58
E104	1663929.69	821544.65
F104	1663984.09	821552.00
G104	1663992.78	821607.04
H104	1663955.50	821617.75
I104	1663957.30	821646.78
J104	1664006.24	821659.88
K104	1664045.02	821585.62
L104	1663990.99	821524.04
M104	1663947.92	821532.53
N104	1663924.68	821451.10
O104	1663970.34	821451.12
P104	1663970.36	821420.46
Q104	1663941.81	821485.15
R104	1663778.98	821511.17
S104	1663742.47	821626.14
T104	1663759.88	821658.74
U104	1663821.17	821634.37
V104	1663938.85	821634.37
W104	1663808.77	821563.96
X104	1663906.24	821604.61
Y104	1663953.72	821588.77
Z104	1664066.25	821532.12
AA104	1664036.25	821532.12
BB104	1664036.25	821562.12
CC104	1664066.25	821562.12
DD104	1664019.25	821393.82
EE104	1663989.25	821393.82
FF104	1663989.25	821423.82
GG104	1664019.25	821423.82
HH104	1663947.16	821482.31
II104	1663917.16	821482.31
JJ104	1663917.16	821512.31
KK104	1663947.16	821512.31
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56



FINAL DESIGN

1407 Broadway, Suite 1301
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TRC Project No: 432260.0000.05.03

PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 421.0' TO 419.0'

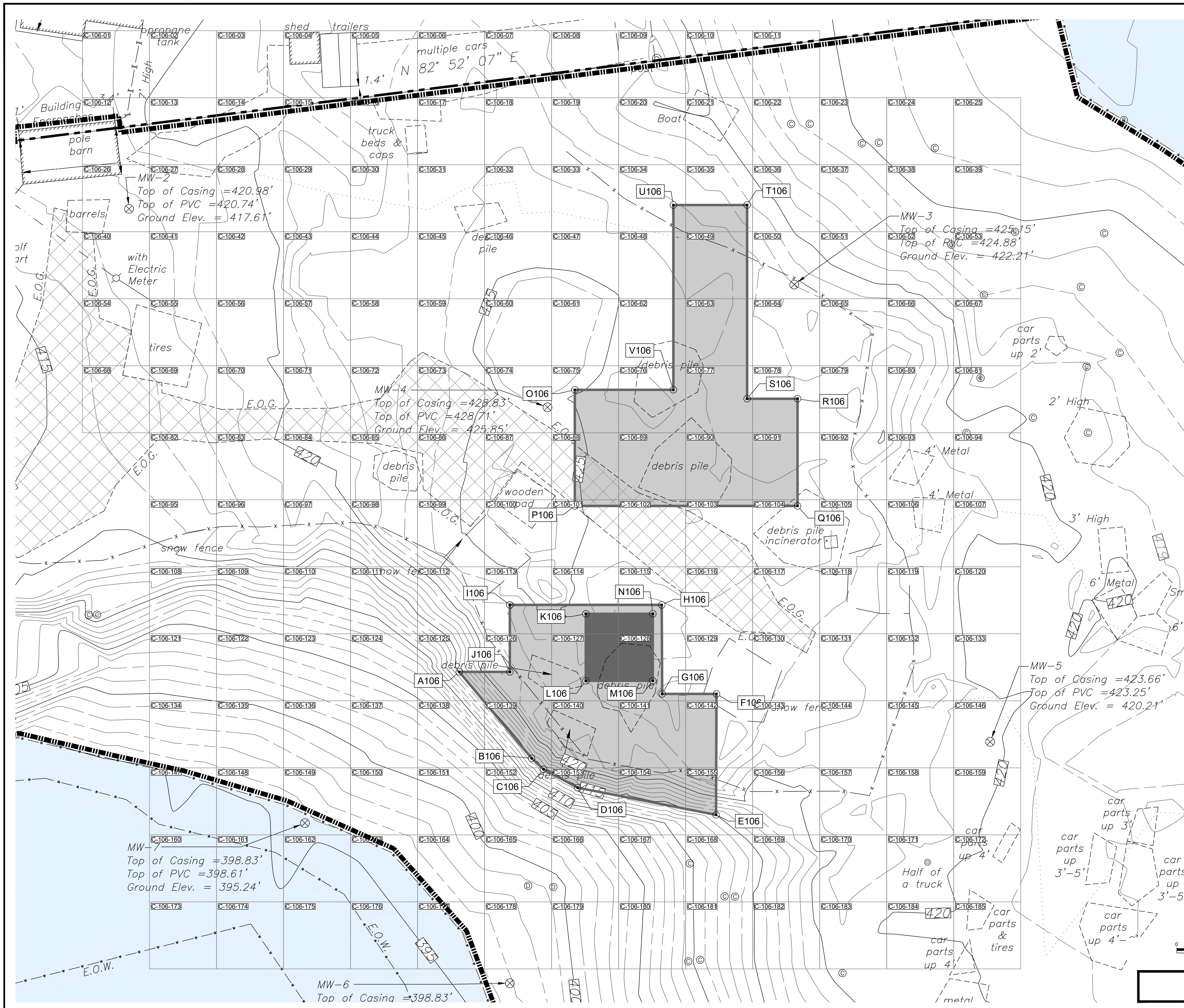
Contract No:
D0113322

Scale:
1" = 20'

Date:
FEBRUARY 2025

Sheet:
9 OF 20

Drawing No:
C-104



LEGEND (SYMBOLS NOT TO SCALE):


- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 415.0 FEET. MATERIAL TO BE REMOVED IS TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF ≥ 50 MG/KG.
- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 415.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A106	1663816.65	821474.36
B106	1663777.96	821506.78
C106	1663773.04	821512.06
D106	1663764.81	821527.37
E106	1663752.66	821589.30
F106	1663806.81	821589.51
G106	1663806.81	821565.21
H106	1663846.65	821565.00
I106	1663846.65	821497.01
J106	1663816.65	821497.01
K106	1663842.65	821531.00
L106	1663812.65	821531.00
M106	1663812.65	821561.00
N106	1663842.65	821561.00
O106	1663942.93	821526.09
P106	1663890.93	821526.09
Q106	1663890.93	821625.78
R106	1663938.92	821625.78
S106	1663938.92	821603.19
T106	1664025.65	821603.19
U106	1664025.65	821570.19
V106	1663942.93	821570.19
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56

FINAL DESIGN



1407 Broadway, Suite 1301
New York, NY 10018
Phone: 212.221.7822
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PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 417.0' TO 415.0'

Contract No:
D013322

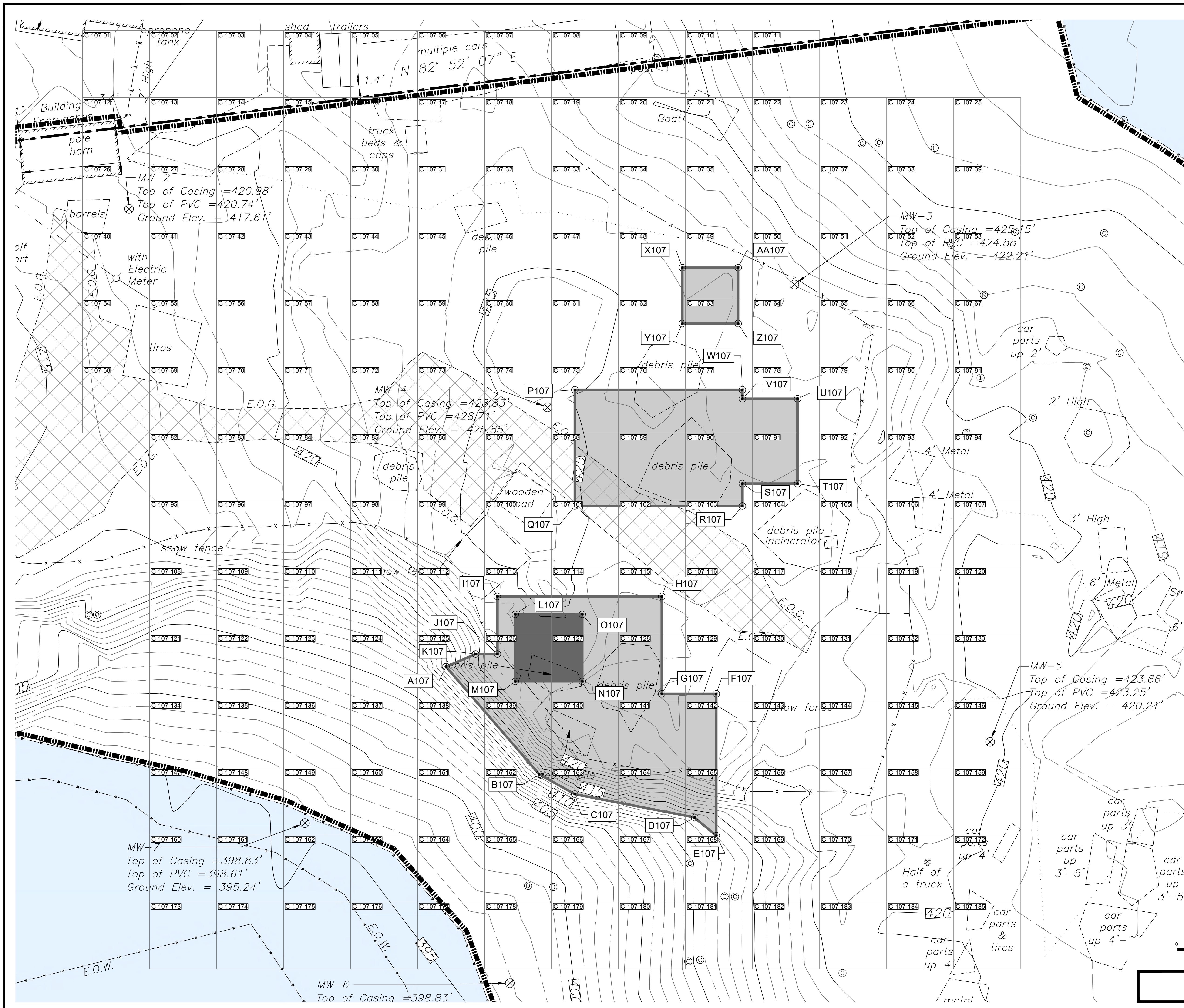
Scale:
1" = 20'

Date:
FEBRUARY 2025

Sheet:
11 OF 20

Drawing No:
C-106

TRC Project No: 432260.0000.05.03



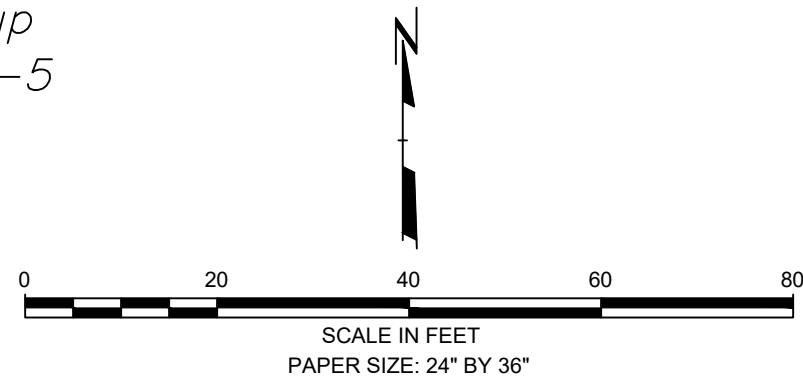
LEGEND (SYMBOLS NOT TO SCALE):


- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 413.0 FEET. MATERIAL TO BE REMOVED IS TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF ≥ 50 MG/KG.
- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 413.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- C-107-### GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A107	1663818.97	821468.45
B107	1663770.80	821510.13
C107	1663761.97	821526.04
D107	1663751.44	821579.72
E107	1663743.35	821589.40
F107	1663806.81	821589.40
G107	1663806.81	821565.00
H107	1663850.42	821565.00
I107	1663850.42	821491.43
J107	1663824.65	821491.43
K107	1663824.65	821481.67
L107	1663842.42	821499.43
M107	1663812.42	821499.43
N107	1663812.42	821529.42
O107	1663842.42	821529.42
P107	1663942.93	821526.09
Q107	1663890.93	821526.09
R107	1663890.93	821601.09
S107	1663900.92	821601.09
T107	1663900.92	821625.78
U107	1663938.92	821625.78
V107	1663938.92	821601.09
W107	1663942.93	821601.09
X107	1663997.60	821574.19
Y107	1663972.60	821574.19
Z107	1663972.60	821599.19
AA107	1663997.60	821599.19
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56





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PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 415.0' TO 413.0'

Contract No:
D013322

Scale:
1" = 20'

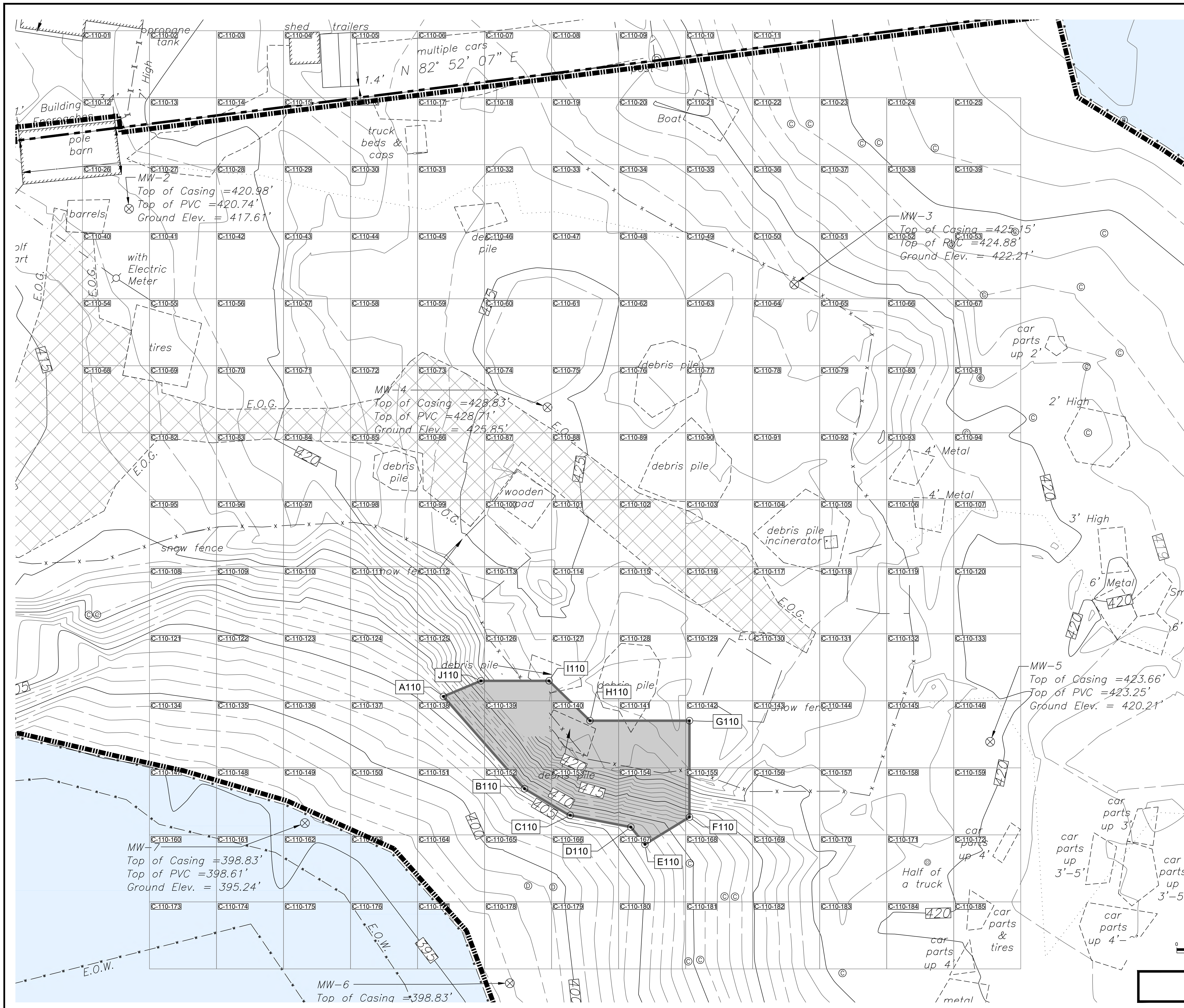
Date:
FEBRUARY 2025

Sheet:
12 OF 20

Drawing No:
C-107

TRC Project No: 432260.0000.05.03

WARNING: IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 2002.2 FOR ANY PERSON, UNLESS ACTING AS AN EMPLOYEE OF A PROFESSIONAL ENGINEER, ARCHITECT, LAND SURVEYOR, OR TO ALTER THIS DRAWING OR ANY PART THEREOF WITHOUT THE WRITTEN CONSENT OF THE PROFESSIONAL PERSON SHOWN ON THIS DRAWING WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2002.2



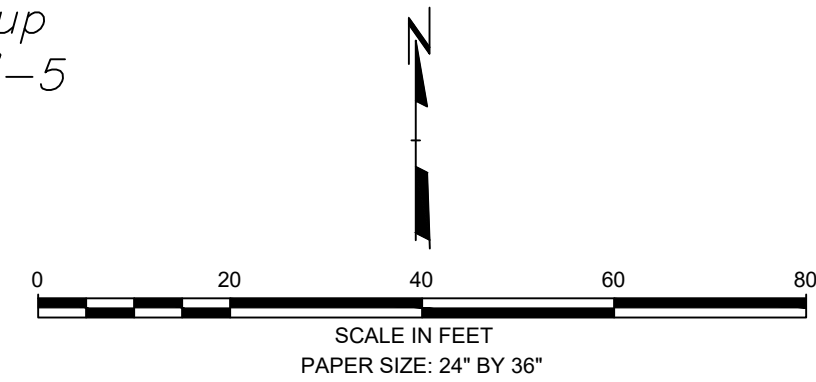
LEGEND (SYMBOLS NOT TO SCALE):

- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 407.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- WHERE EXCAVATION LIMITS SHOWN ON THIS DRAWING EXTEND TO AREAS WHERE EXISTING SURFACE ELEVATION IS LOWER THAN DEPTH OF CUT SPECIFIED ON THIS DRAWING, COMPLY WITH REQUIREMENTS ON DRAWINGS SHOWING EXCAVATION REQUIREMENTS AT LOWER ELEVATIONS.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A110	1663805.67	821467.28
B110	1663764.33	821503.57
C110	1663752.45	821524.04
D110	1663747.18	821551.18
E110	1663739.43	821557.47
F110	1663751.63	821577.40
G110	1663794.81	821577.40
H110	1663794.81	821532.86
I110	1663812.65	821514.57
J110	1663812.65	821484.06
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56



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PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 409.0' TO 407.0'

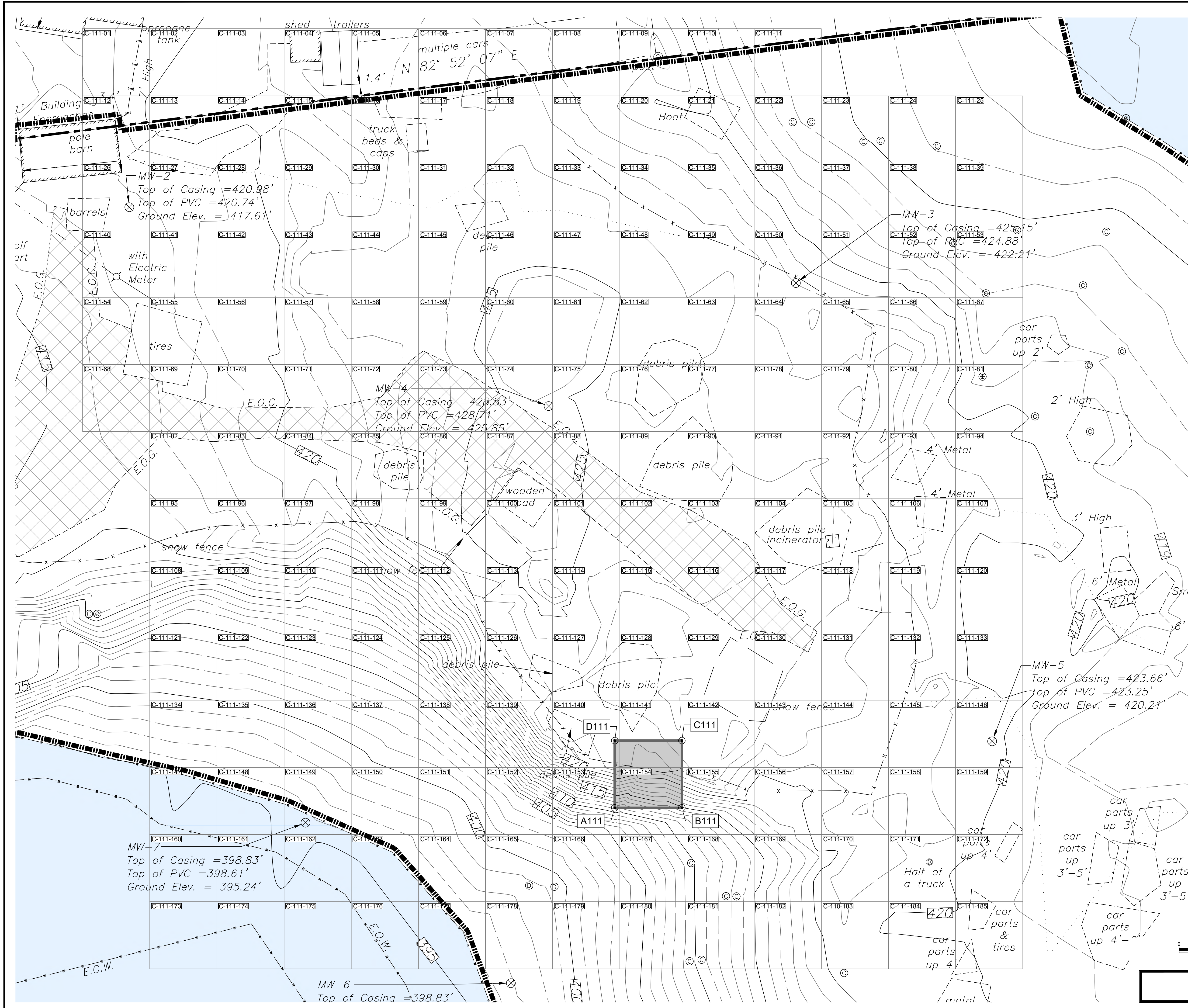
Contract No:
D013322

Scale:
1" = 20'

Date:
FEBRUARY 2025

Sheet:
15 OF 20

Drawing No:
C-110



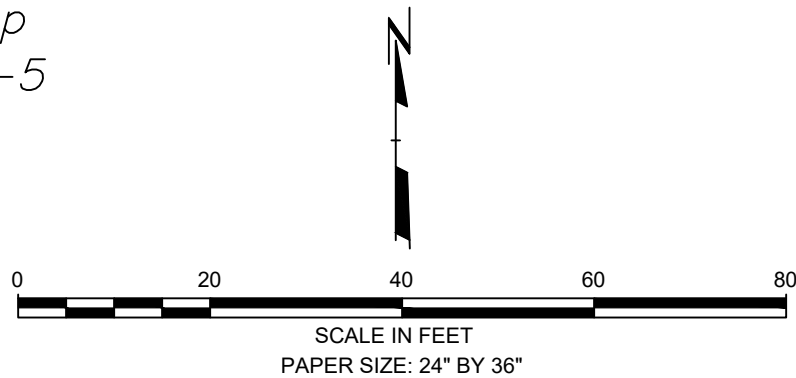
LEGEND (SYMBOLS NOT TO SCALE):


- REMOVE VEGETATION, SOIL, AND DEBRIS TO ELEVATION 405.0 FEET. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- MW-3 AND MW-4 SHALL FIRST BE ABANDONED AS SPECIFIED, AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELLS WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN OR PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- CUT BACK EXCAVATION SIDEWALLS BEYOND LIMITS SPECIFIED WHERE REQUIRED TO MAINTAIN EXCAVATION SIDEWALL STABILITY. CUT BACK SHALL BE MINIMIZED AND ONLY WHERE REQUIRED FOR EXCAVATION SIDEWALL STABILITY. LIMITS OF REQUIRED CUT BACK ARE NOT SHOWN. ALL CUT BACK MATERIAL SHALL BE REMOVED AND DISPOSED OFF-SITE AS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.

LIMITS OF EXCAVATION AND MONITORING WELL COORDINATES		
POINT	NORTHING	EASTING
A111	1663755.63	821543.40
B111	1663755.63	821573.40
C111	1663785.63	821573.40
D111	1663785.63	821543.40
MW-3	1664051.45	821532.27
MW-4	1663927.17	821495.56





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TRC Project No: 432260.0000.05.03

PROFESSIONAL ENGINEER

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Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
ELEVATION 407.0' TO 405.0'

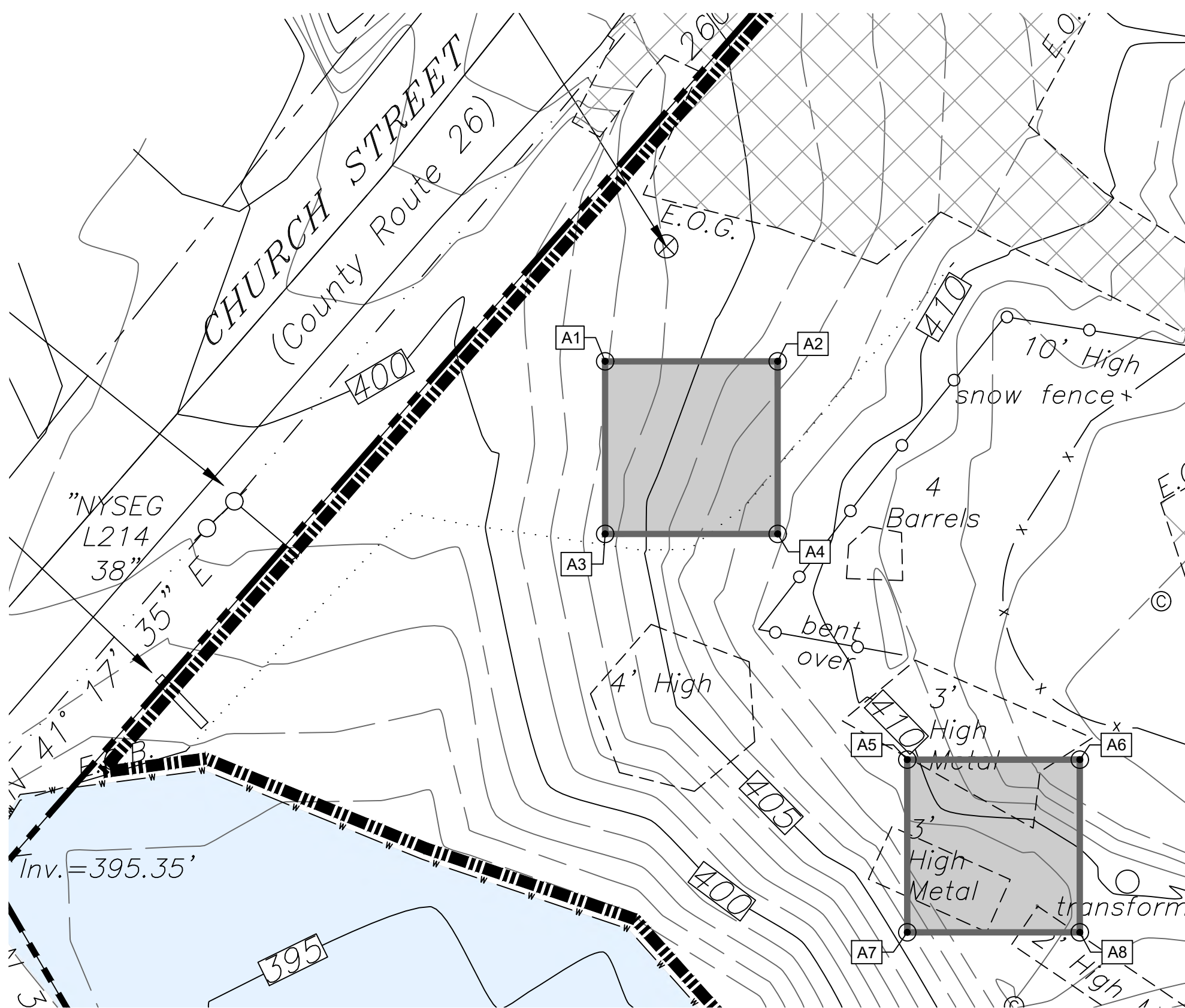
Contract No:
D013322

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1" = 20'

Date:
FEBRUARY 2025

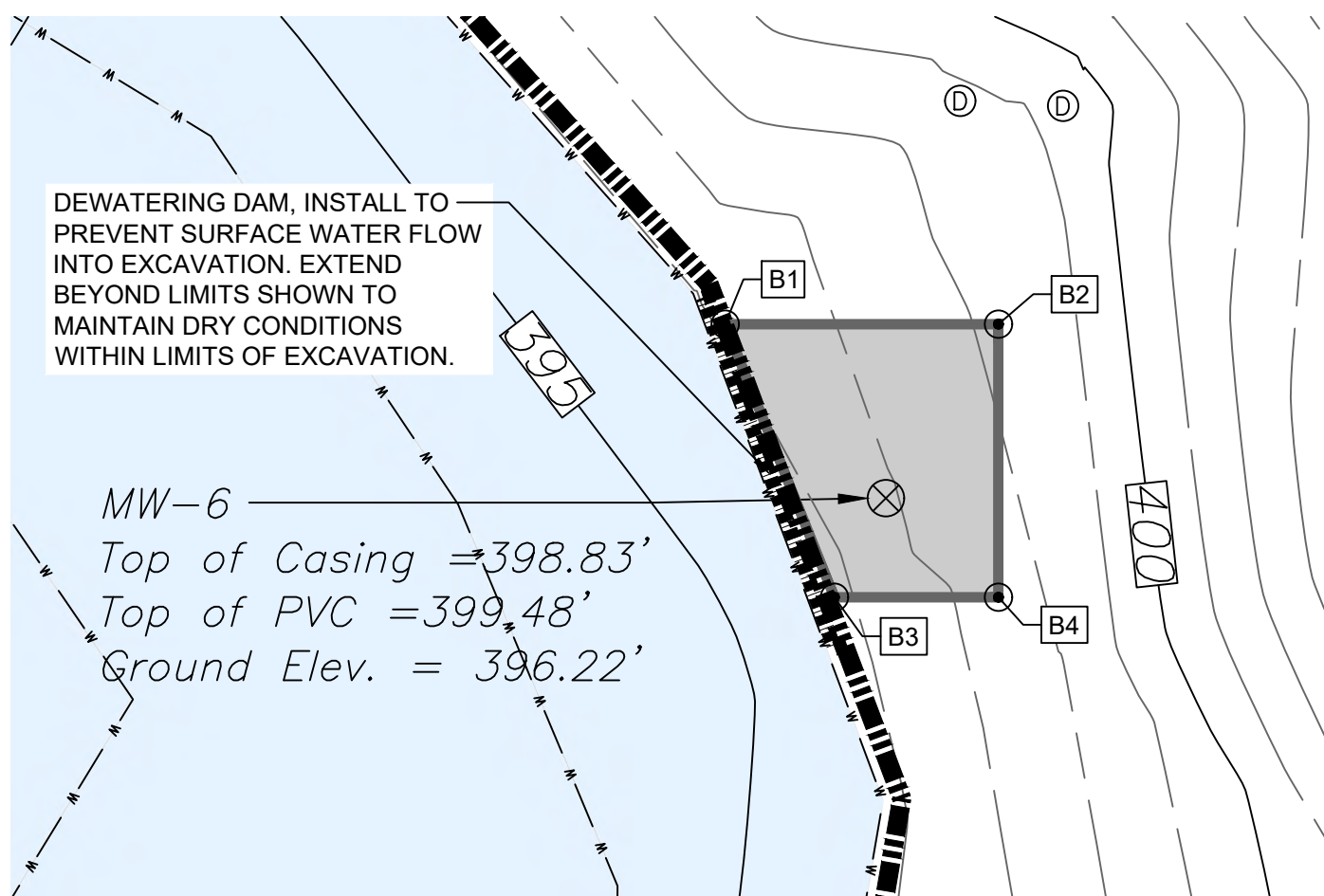
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Drawing No:
C-111



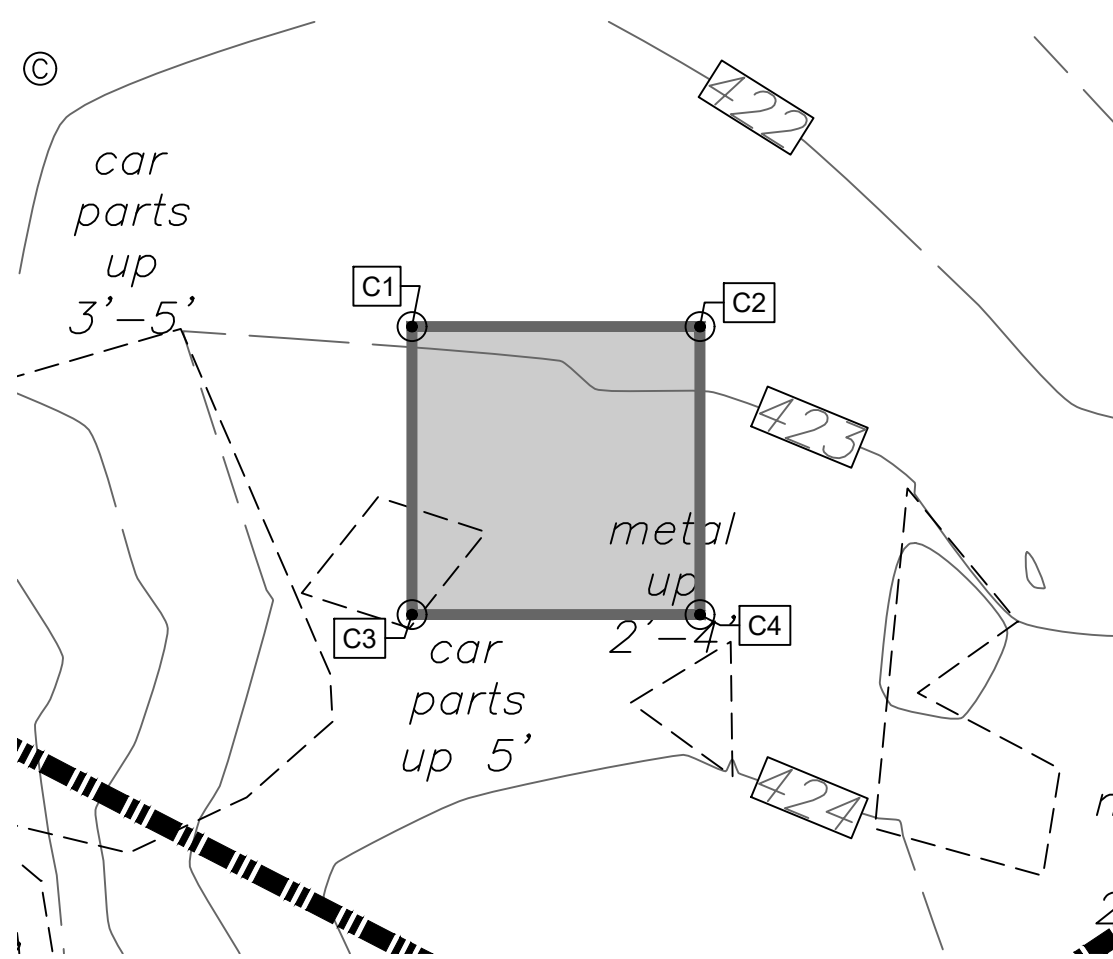
AREA A
SCALE: 1" = 20'

LIMITS OF EXCAVATION - AREA A					
POINT		LOCATION		ELEVATION	
		NORTHING	EASTING	EXISTING	EXCAVATION FINAL GRADE
A1	1663940.47	821142.09	403.0	400.0	403.0
A2	1663940.47	821172.09	406.6	403.6	406.6
A3	1663910.47	821142.09	403.6	400.6	403.6
A4	1663910.47	821172.09	408.8	405.8	408.8
A5	1663871.23	821194.61	409.8	406.8	409.8
A6	1663871.23	821224.61	413.5	410.5	413.5
A7	1663841.23	821194.61	405.9	402.9	405.9
A8	1663841.23	821224.61	409.0	406.0	409.0



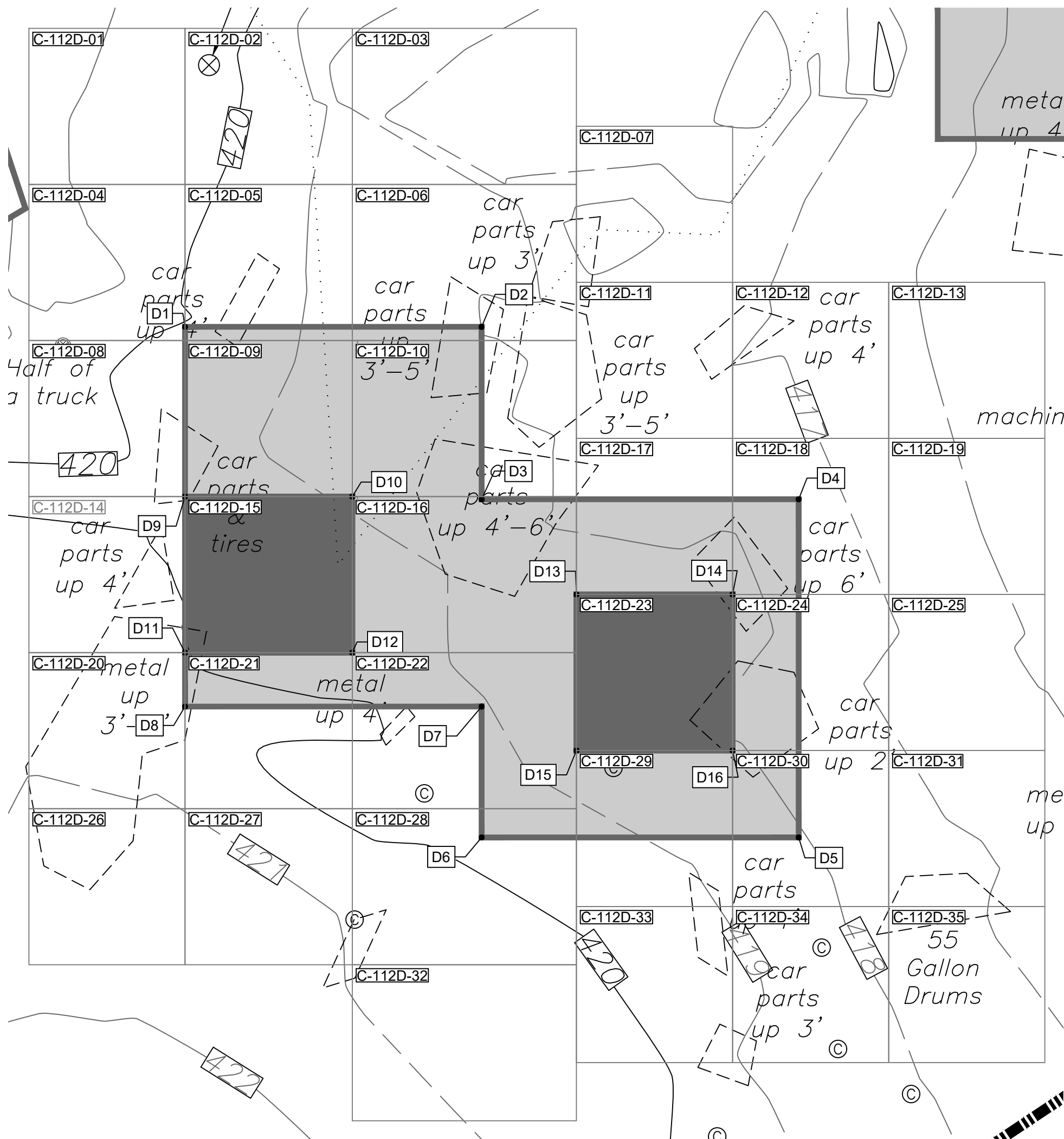
AREA B
SCALE: 1" = 20'

LIMITS OF EXCAVATION - AREA B					
POINT		LOCATION		ELEVATION	
		NORTHING	EASTING	EXISTING	EXCAVATION FINAL GRADE
B1	1663696.38	821479.37	396.0	393.0	396.0
B2	1663696.38	821509.37	398.2	395.2	398.2
B3	1663666.38	821491.37	395.9	392.9	395.9
B4	1663666.38	821509.37	397.5	394.5	397.5
MW-6	1663677.26	821497.01	396.2	393.2	396.2



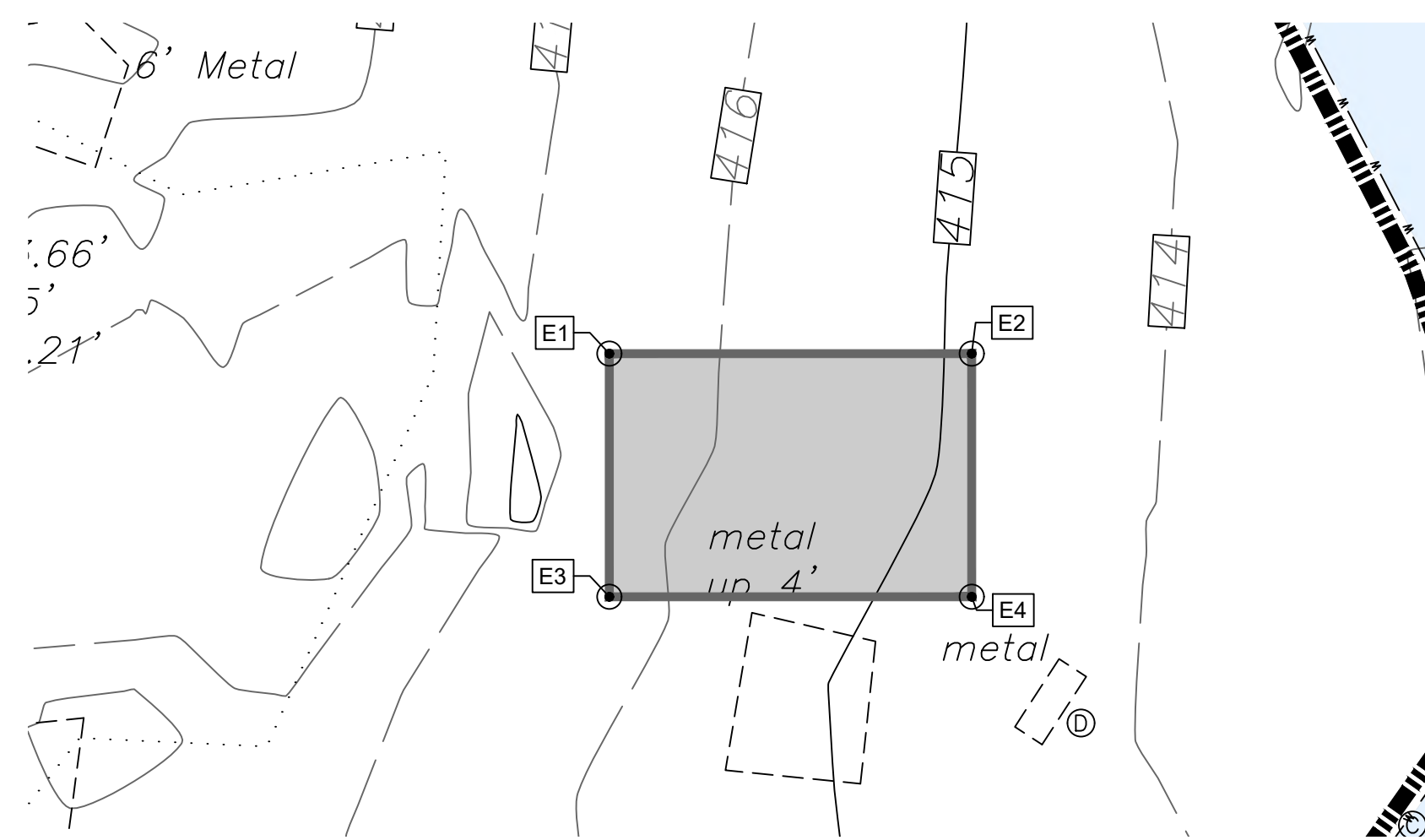
AREA C
SCALE: 1" = 20'

LIMITS OF EXCAVATION - AREA C					
POINT		LOCATION		ELEVATION	
		NORTHING	EASTING	EXISTING	EXCAVATION FINAL GRADE
C1	1663568.81	821680.57	422.9	419.9	422.9
C2	1663568.81	821710.57	422.8	419.8	422.8
C3	1663538.81	821680.57	423.4	420.4	423.4
C4	1663538.81	821710.57	423.5	420.5	423.5



AREA D
SCALE: 1" = 20'

LIMITS OF EXCAVATION - AREA D					
POINT		LOCATION		ELEVATION	
		NORTHING	EASTING	EXISTING	EXCAVATION FINAL GRADE
D1	1663735.02	821707.38	420.0	417.0	420.0
D2	1663735.02	821764.38	418.0	415.0	418.0
D3	1663701.87	821764.38	418.5	415.5	418.5
D4	1663701.87	821825.32	417.3	414.3	417.3
D5	1663636.87	821825.32	418.1	415.1	418.1
D6	1663636.87	821764.38	419.8	416.8	419.8
D7	1663662.02	821764.38	419.1	416.1	419.1
D8	1663662.02	821707.38	420.3	417.3	420.3
D9	1663702.40	821707.38	419.7	416.7	419.7
D10	1663702.40	821739.53	418.9	415.9	418.9
D11	1663672.40	821707.38	420.0	417.0	420.0
D12	1663672.40	821739.53	419.6	416.6	419.6
D13	1663683.58	821782.61	418.4	415.4	418.4
D14	1663683.58	821812.61	418.1	415.1	418.1
D15	1663653.58	821782.61	418.9	415.9	418.9
D16	1663653.58	821812.61	418.1	415.1	418.1



AREA E
SCALE: 1" = 20'

LIMITS OF EXCAVATION - AREA E					
POINT		LOCATION		ELEVATION	
		NORTHING	EASTING	EXISTING	EXCAVATION FINAL GRADE
E1	1663801.14	821852.04	416.5	413.5	416.5
E2	1663801.14	821896.75	414.9	411.9	414.9
E3	1663771.14	821852.04	416.3	413.3	416.3
E4	1663771.14	821896.75	414.7	411.7	414.7



FINAL DESIGN

LEGEND (SYMBOLS NOT TO SCALE):

- REMOVE VEGETATION, SOIL, AND DEBRIS WITHIN AREAS IDENTIFIED AND TO ELEVATIONS SPECIFIED IN TABLES. MATERIAL TO BE REMOVED IS TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF ≥ 50 MG/KG.
- REMOVE VEGETATION, SOIL, AND DEBRIS WITHIN AREAS IDENTIFIED AND TO ELEVATIONS SPECIFIED IN TABLES. MATERIAL TO BE REMOVED IS NON-TSCA CONTAMINATED MATERIAL WITH PCB CONCENTRATIONS OF < 50 MG/KG.
- GRID BOX AND IDENTIFICATION NUMBER

NOTES:

- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
- HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
- REMOVE ALL MATERIAL WITHIN SPECIFIED LIMITS SHOWN REGARDLESS OF NATURE AND TYPE, INCLUDING BUT NOT LIMITED TO, DEBRIS, SOIL, VEGETATION, AND PCB-CONTAMINATED LIQUIDS.
- EXCAVATION ELEVATIONS ARE SHOWN AT CORNERS ONLY. EXCAVATE SPECIFIED AREAS ENTIRELY INTERPOLATING UNIFORMLY BETWEEN COORDINATE POINTS.
- MW-6 SHALL FIRST BE ABANDONED AS SPECIFIED AND THEN DURING EXCAVATION, PORTIONS OF THE ABANDONED WELL WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED.
- ALL ABOVE GRADE, PARTIALLY BURIED AND BURIED DEBRIS WITHIN AND PARTIALLY WITHIN THE LIMITS OF EXCAVATION SHALL BE REMOVED ENTIRELY.
- "REMOVE" MEANS REMOVE FROM THE SITE AND PROPERLY DISPOSE OFF-SITE.
- CONSTRUCT ACCESS ROADS TO EXCAVATION AREAS. CLEAR AND GRUB ACCESS ROAD ROUTES ENTIRELY. PRIOR TO CLEARING AND CONSTRUCTION OF ACCESS ROADS, OBTAIN ENGINEER'S APPROVAL OF ROUTES. MINIMIZE TREE REMOVAL.
- REMOVE AND DISPOSE OF FENCING AS REQUIRED FOR THE WORK.
- FOR PURPOSES OF POST-EXCAVATION SAMPLING AND ANALYSIS, EXCAVATION AREA A, EXCAVATION AREA B, EXCAVATION AREA C, AND EXCAVATION AREA E SHALL EACH BE SAMPLED SEPARATELY AS SPECIFIED FOR A 30' BY 30' GRID BOX.
- FINAL GRADE ELEVATIONS SHALL BE ACHIEVED ACROSS THE ENTIRETY OF AREAS EXCAVATED USING IMPORTED CLEAN FILL AND TOPSOIL. AFTER RECEIPT OF ENGINEER'S APPROVAL, FILL ALL EXCAVATIONS WITH IMPORTED CLEAN FILL AND TOPSOIL TO FINAL ELEVATIONS, GRADING UNIFORMLY BETWEEN SPECIFIED COORDINATE POINTS.
- INSTALL DEWATERING DAM IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION SECTION 31 23 19 AND MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR SHALL ALTER THE DEWATERING DAM LOCATION(S) AND EXTEND THE DEWATERING DAM LIMITS AS REQUIRED AND APPROVED, TO MAINTAIN DRY CONDITIONS.

TRC

1407 Broadway, Suite 1301
New York, NY 10018
Phone: 212.221.7822
www.trccompanies.com

TRC Project No: 432260.0000.05.03

PROFESSIONAL ENGINEER

DATE:

Revisions:

No.	Date:

Drawn by:
H. DELGADO

Checked by:
K. BOGER, P.E.

Approved by:
K. SULLIVAN, P.E.

KATZMAN RECYCLING SITE
SITE NO. 558035
TOWN OF GRANVILLE, WASHINGTON COUNTY, NEW YORK

EXCAVATION PLAN -
AREAS A THROUGH E

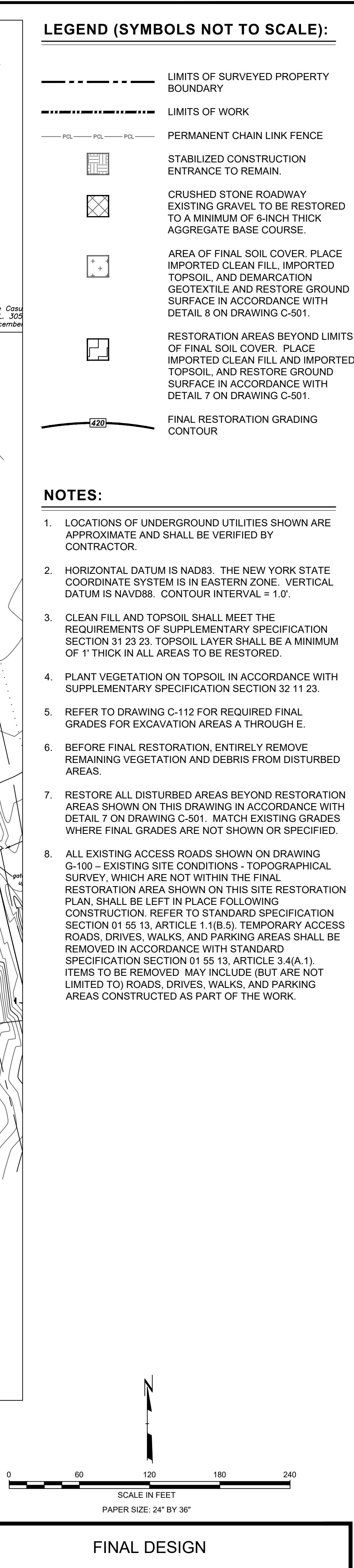
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Scale:
1" = 20'









Date:
FEBRUARY 2025


Sheet:
17 OF 20

Drawing No:
C-112

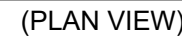
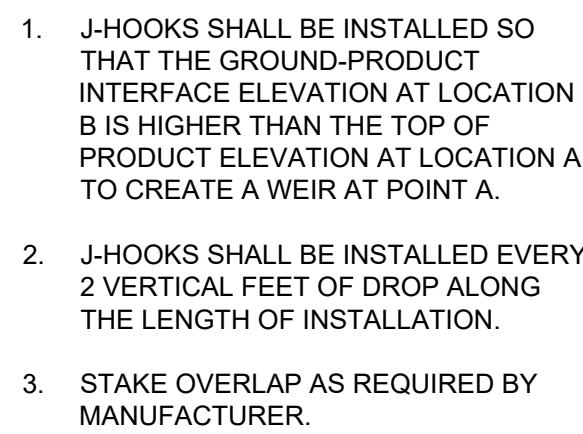
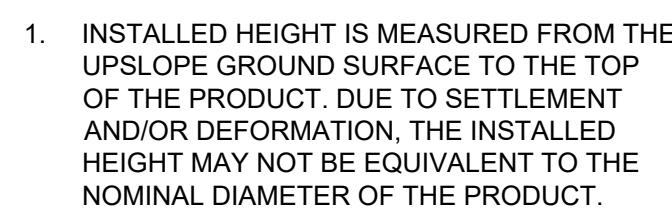
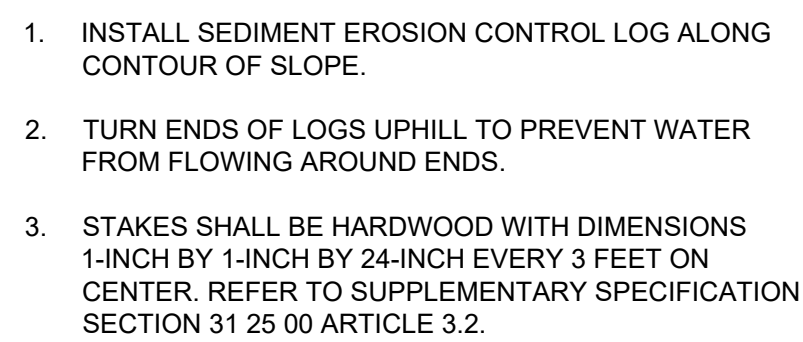
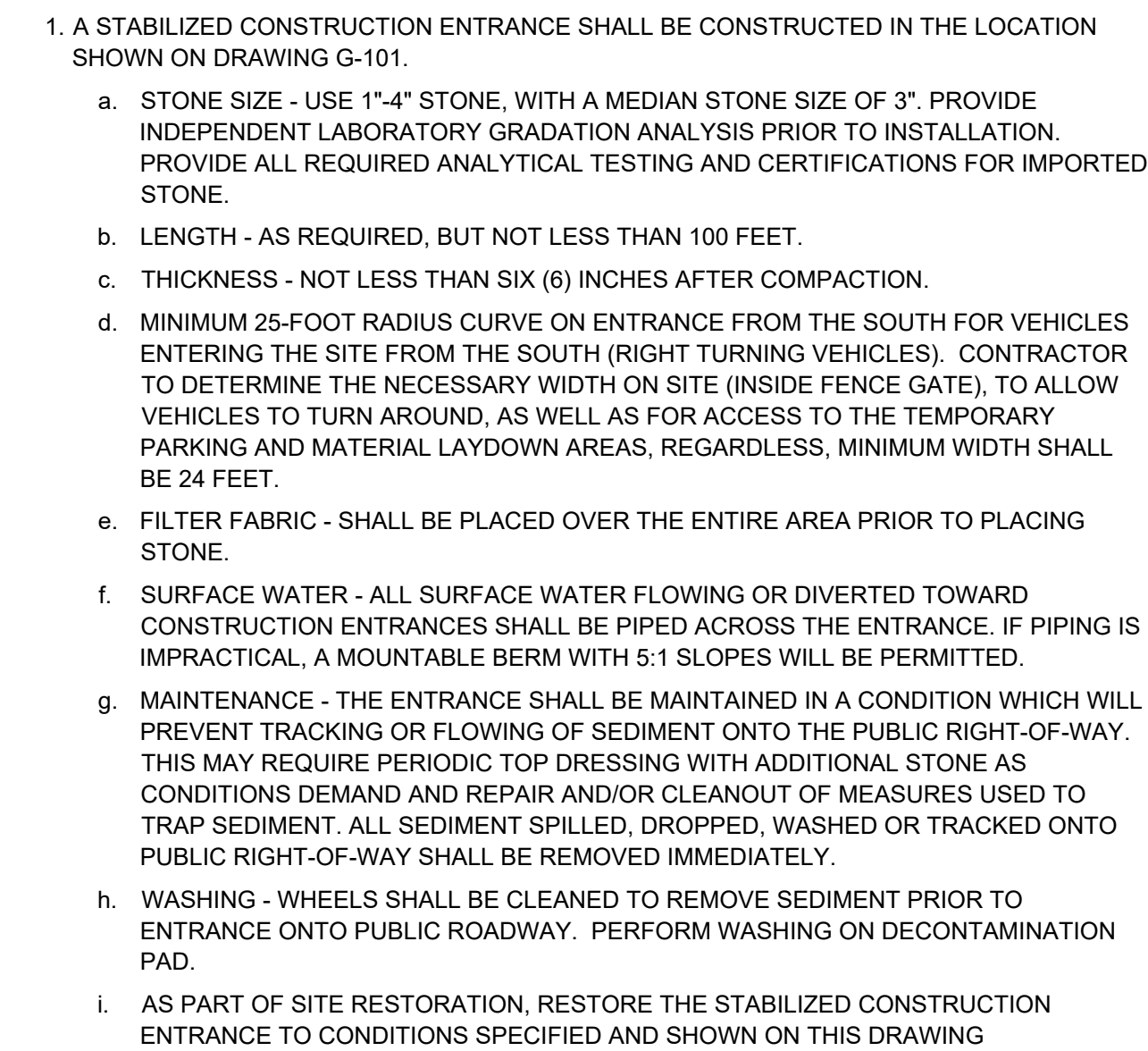
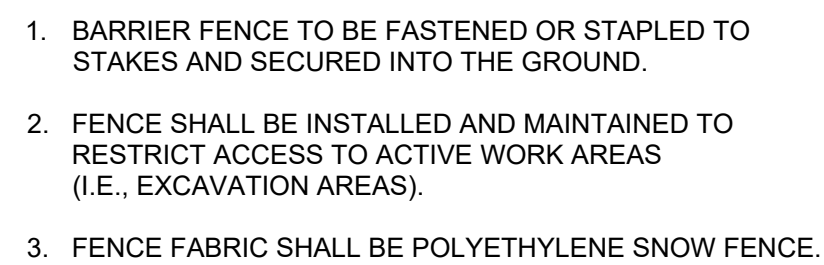


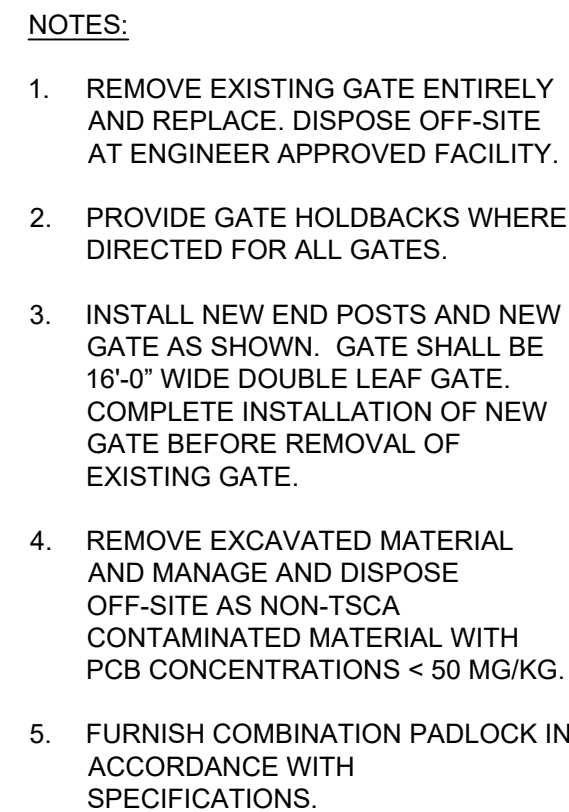
1. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
2. HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88. CONTOUR INTERVAL = 1.0'.
3. CLEAN FILL AND TOPSOIL SHALL MEET THE REQUIREMENTS OF SUPPLEMENTARY SPECIFICATION SECTION 31 23 23. TOPSOIL LAYER SHALL BE A MINIMUM OF 1" THICK IN ALL AREAS TO BE RESTORED.
4. PLANT VEGETATION ON TOPSOIL IN ACCORDANCE WITH SUPPLEMENTARY SPECIFICATION SECTION 32 11 23.
5. REFER TO DRAWING C-112 FOR REQUIRED FINAL GRADES FOR EXCAVATION AREAS A THROUGH E.
6. BEFORE FINAL RESTORATION, ENTIRELY REMOVE REMAINING VEGETATION AND DEBRIS FROM DISTURBED AREAS.
7. RESTORE ALL DISTURBED AREAS BEYOND RESTORATION AREAS SHOWN ON THIS DRAWING IN ACCORDANCE WITH DETAIL 7 ON DRAWING C-501. MATCH EXISTING GRADES WHERE FINAL GRADES ARE NOT SHOWN OR SPECIFIED.
8. ALL EXISTING ACCESS ROADS SHOWN ON DRAWING G-100 – EXISTING SITE CONDITIONS - TOPOGRAPHICAL SURVEY, WHICH ARE NOT WITHIN THE FINAL RESTORATION AREA SHOWN ON THIS SITE RESTORATION PLAN, SHALL BE LEFT IN PLACE FOLLOWING CONSTRUCTION. REFER TO STANDARD SPECIFICATION SECTION 01 55 13, ARTICLE 1 (B)5. TEMPORARY ACCESS ROADS, DRIVES, WALKS, AND PARKING AREAS SHALL BE REMOVED IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 01 55 13, ARTICLE 3.4(A) 1. ITEMS TO BE REMOVED MAY INCLUDE (BUT ARE NOT LIMITED TO) ROADS, DRIVES, WALKS, AND PARKING AREAS CONSTRUCTED AS PART OF THE WORK.

	LIMITS OF SURVEYED PROPERTY BOUNDARY
	LIMITS OF WORK
	PERMANENT CHAIN LINK FENCE
	STABILIZED CONSTRUCTION ENTRANCE TO REMAIN.
	CRUSHED STONE ROADWAY EXISTING GRAVEL TO BE RESTORED TO A MINIMUM OF 6-INCH THICK AGGREGATE BASE COURSE.
	AREA OF FINAL SOIL COVER, PLACE IMPORTED CLEAN FILL, IMPORTED GEOTEXTILE AND RESTORE GROUND SURFACE IN ACCORDANCE WITH DETAIL 8 ON DRAWING C-501.
	RESTORATION AREAS BEYOND LIMIT OF FINAL SOIL COVER. PLACE IMPORTED CLEAN FILL AND IMPORT GEOTEXTILE, AND RESTORE GROUND SURFACE IN ACCORDANCE WITH DETAIL 7 ON DRAWING C-501.
	FINAL RESTORATION GRADING CONTOUR

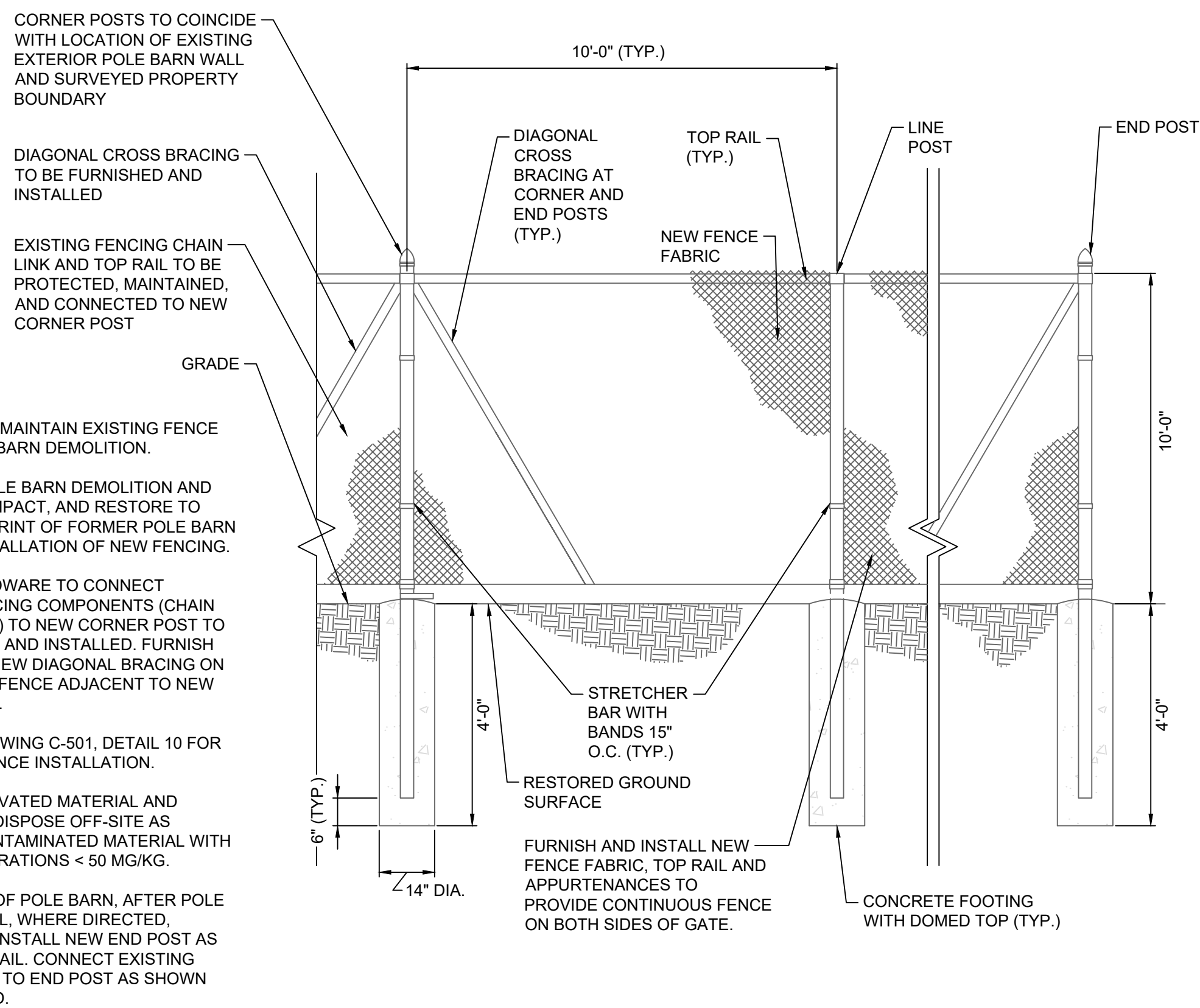
 <div>1407 Broadway Suite 3301 New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com</div>		TRC Project No: 432260.0000.05.03	
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SEAL:		PROFESSIONAL ENGINEER	DATE:
Revisions:			
No.	Date:		
Drawn by: H. DELGADO			
Checked by: K. BOGGER, P.E.			
Approved by: K. SULLIVAN, P.E.			
KATZMAN RECYCLING SITE SITE NO. 558035 TOWN OF GRANVILLE; WASHINGTON COUNTY, NEW YORK		SITE RESTORATION PLAN	
Contract No: D0133322			
Scale: 1" = 60'			
Date: FEBRUARY 2025			
Sheet: 18 OF 20			
Drawing No: C-113			

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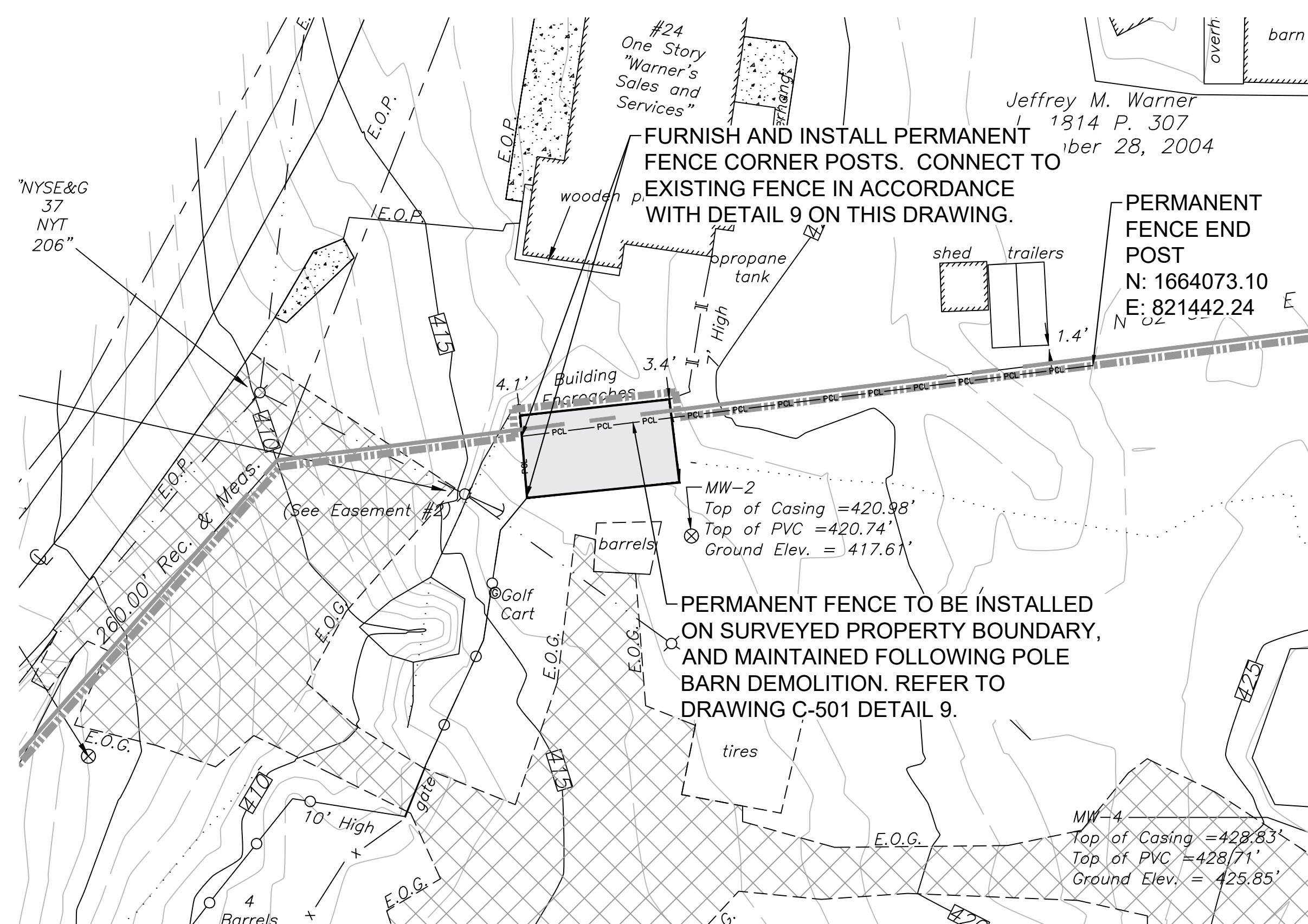




SHOWN OTHER
NOT TO SCALE



NOT TO SCALE



The diagram illustrates the proposed fence layout and work limits. It features a horizontal line representing the 'SURVEYED PROPERTY BOUNDARY'. Below this, a section labeled 'LIMITS OF WORK' is indicated by two small circles on a line. Further down, a line with three circles represents the 'EXISTING FENCE TO BE MAINTAINED AND PROTECTED'. Below that, a line with three circles is labeled 'NEW PERMANENT CHAIN LINK FENCE TO BE FURNISHED AND INSTALLED'. At the bottom, a rectangular structure is labeled 'LIMITS OF FORMER POLE BARN STRUCTURE FOLLOWING DEMOLITION'.

1. PROTECT AND MAINTAIN EXISTING FENCE DURING POLE BARN DEMOLITION.
2. COMPLETE POLE BARN DEMOLITION AND BACKFILL, COMPACT, AND RESTORE TO GRADE IN POLE BARN FOOTPRINT IN ACCORDANCE WITH DRAWING C-501 DETAIL 7 AND CONTRACT DRAWINGS BEFORE INSTALLATION OF PERMANENT FENCING.
3. PROTECT AND MAINTAIN NEW PERMANENT FENCE INSTALLATION DURING PERFORMANCE OF THE WORK.
4. HORIZONTAL DATUM IS NAD83. THE NEW YORK STATE PLANE COORDINATE SYSTEM IS IN EASTERN ZONE. VERTICAL DATUM IS NAVD88.

PAPER SIZE: 24" BY 36"

FINAL DESIGN