

CITY OF ANSONIA

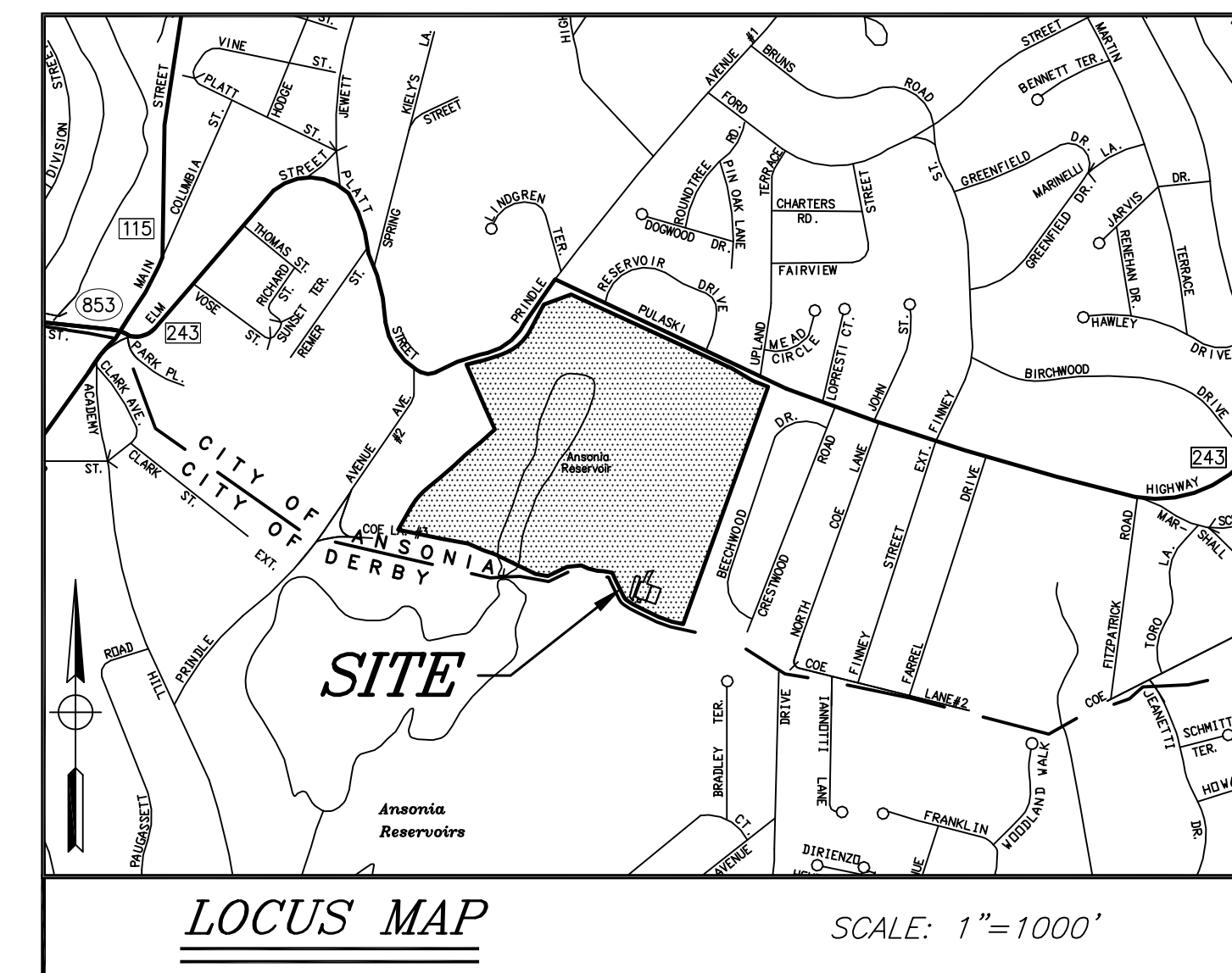
ANSONIA HIGH SCHOOL STORAGE BUILDING

20 PULASKI HIGHWAY (CT RT 243)

ANSONIA, CT

LIST OF DRAWINGS

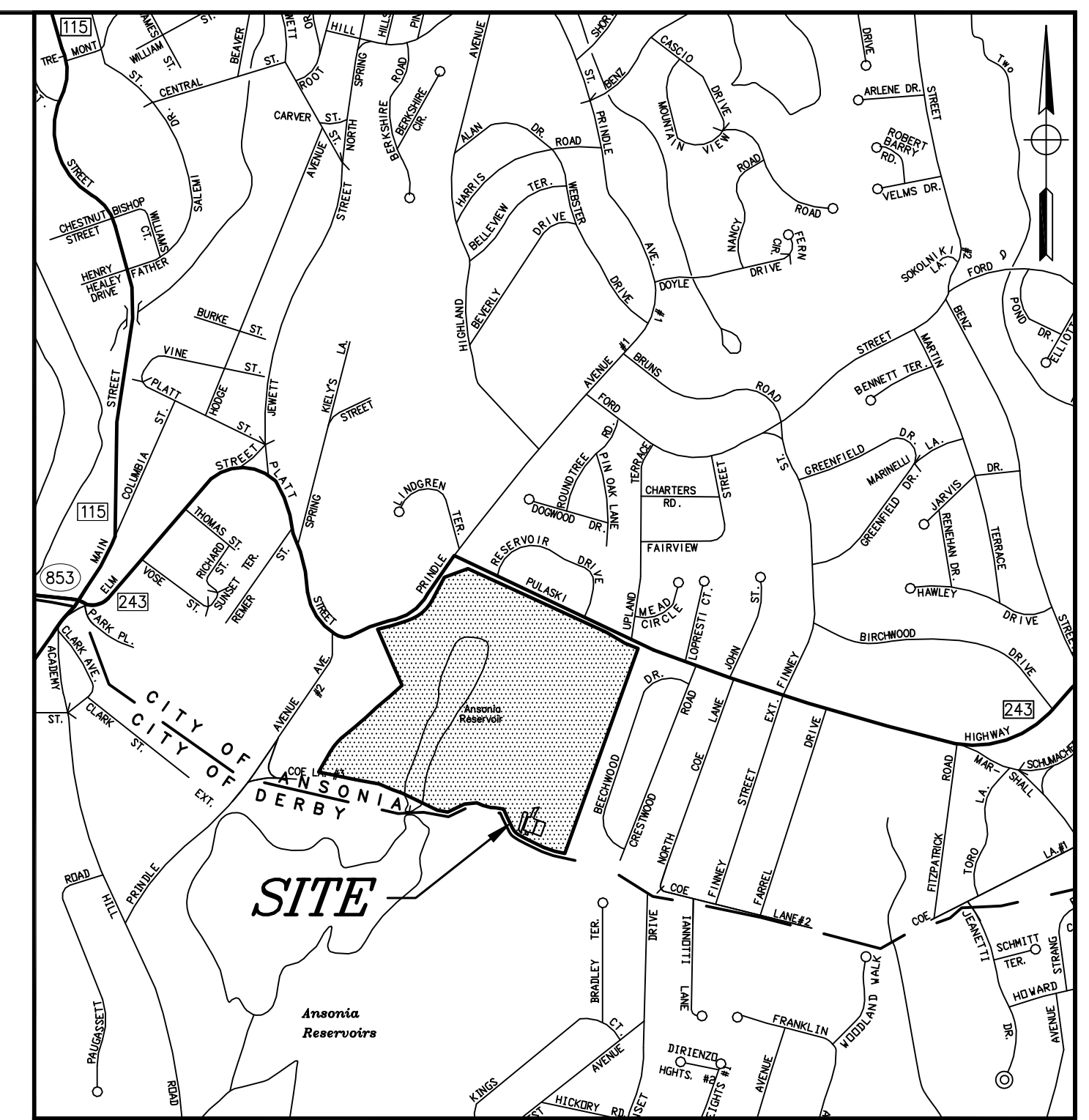
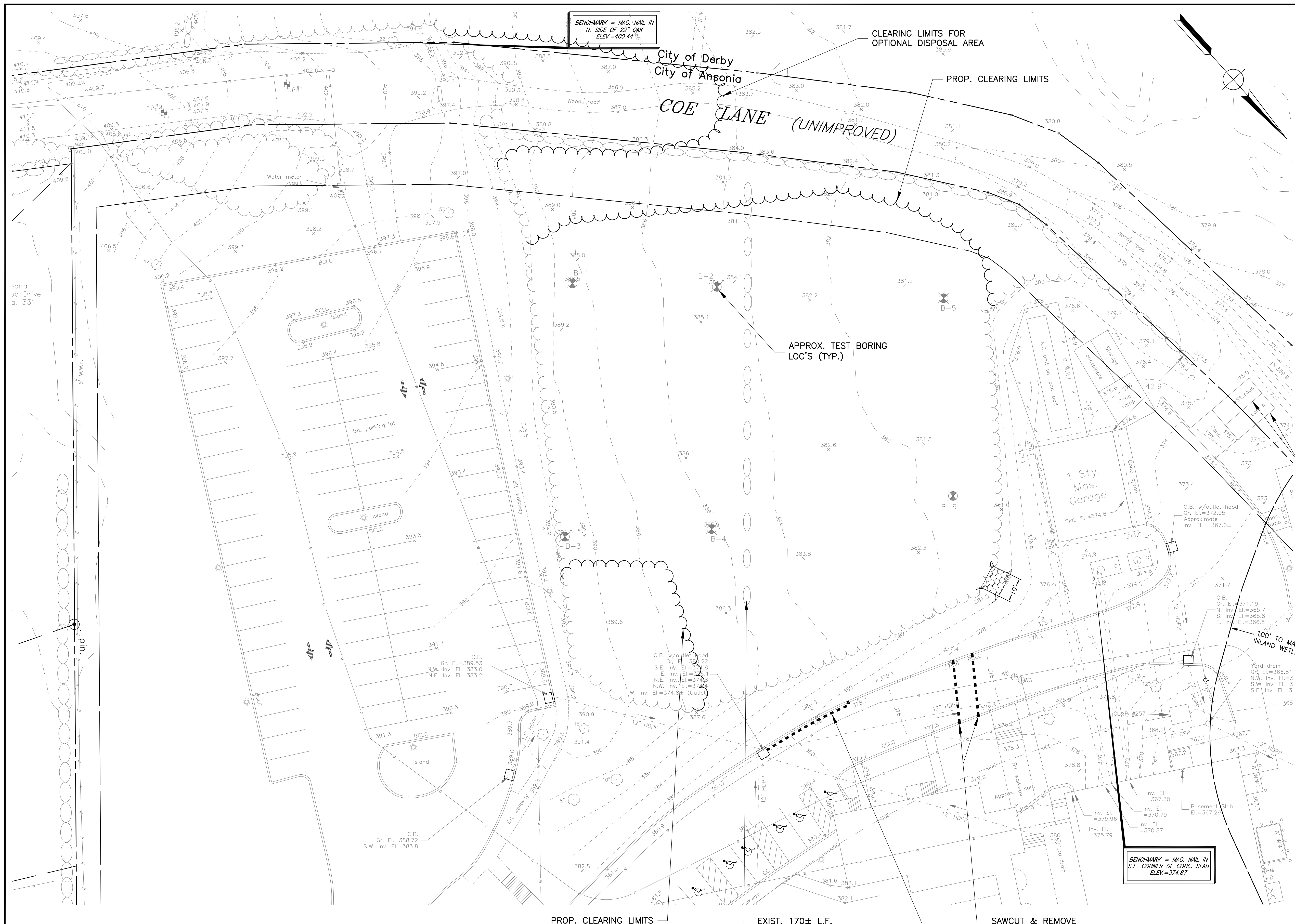
SHEET NO.	TITLE
C1	DEMOLITION & EXISTING CONDITIONS
C2	SITE PLAN
C3	GRADING, UTILITIES & EROSION CONTROL
C4	DETAILS
A100	FLOOR PLAN AND ELEVATIONS
M100	MECHANICAL FLOOR PLAN



SILVER / PETRUCELLI + ASSOCIATES
 ARCHITECTS / ENGINEERS / INTERIOR DESIGNERS
 3190 WHITNEY AVENUE
 HAMDEN, CONNECTICUT 06518-2340
 203-230-9007

BID DOCUMENTS
 MARCH 6, 2020

DONALD W. SMITH, JR., P.E.
 CONSULTING ENGINEER
 56 GREENWOOD CIRCLE
 SEYMOUR, CONNECTICUT 06483
 203-888-4904



LOCUS MAP SCALE: 1"=1000'

STORAGE CONTAINERS TO BE RELOCATED (BY OTHERS)

100' TO MAPPED INLAND WETLANDS

- NOTES:**
1. Base map provided by Harbal & Judson Land Surveyors & Associates, 52 Main Street, Seymour, Connecticut 06483, (203) 888-9660. This survey (map) has been prepared pursuant to the regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 as revised 10-26-2018 and the Standards for Surveys and Maps in the State of Connecticut as adopted by the Connecticut Association of Land Surveyors, Inc. It is a Topographic Survey conforming to Horizontal Accuracy Class A-2 and Topographical Accuracy Classes T-2 & T-D (See legend). Boundary lines depicted are based upon a Resurvey.
 2. Reference Maps:
 - A. Map entitled "Topographic Survey prepared for the City of Ansonia, Ansonia High School & Coe Lane, Ansonia & Derby, Connecticut," Sheets 1 & 2 of 2, Scale 1" = 20', Dated 12/19/2019, by Harbal & Judson Land Surveyors & Associates, 52 Main Street, Seymour, Connecticut 06483, (203) 888-9660.
 3. Existing Zone: Residence District "A".
 4. Ansonia High School Total Area: 59.24 acres.
 5. Elevations are based on NGVD '29 see reference map.
 6. Wetlands boundary flags #1 through #8 were field delineated on December 16, 2019 by Soil Science and Environmental Services, Scott D. Stevens, Registered Professional Soil Scientist, and located by field survey.
 7. All utilities are not shown. Subsurface utilities were compiled from parcel evidence, record drawings, and surficial evidence located during the field survey. The surveyor has not physically exposed the subsurface utilities and makes no guarantee that the subsurface utilities depicted herein comprise all such utilities within the surveyed area, either in service or abandoned. The surveyor further does not warrant or guarantee that the subsurface utilities are in the exact location depicted. Any contractors are required to utilize "Call Before You Dig" one call system 1-800-922-4455 prior to any excavation for the purpose of verifying the subsurface utilities in the area.

LEGEND

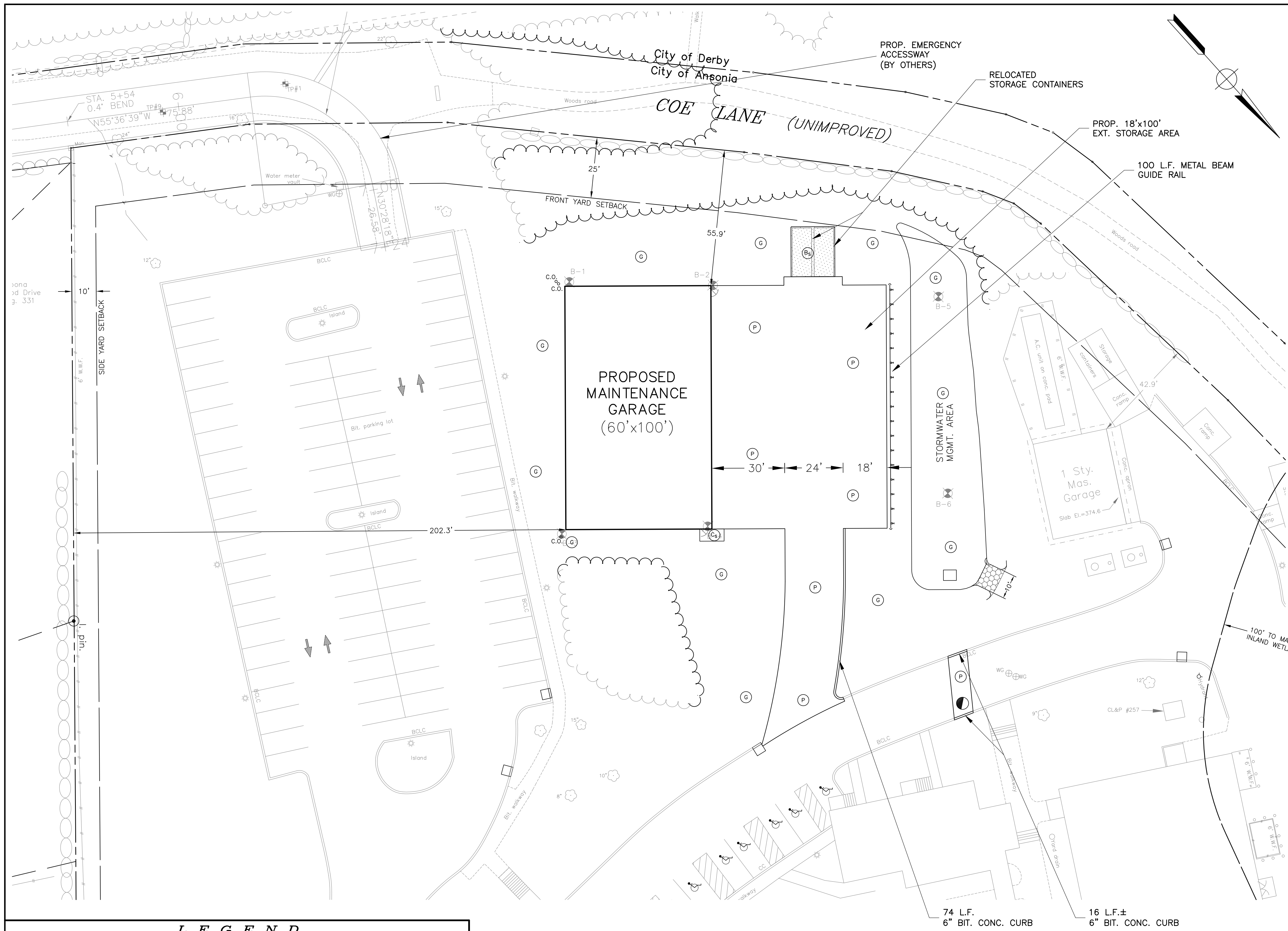
<ul style="list-style-type: none"> Mon. Monument l. pipe Iron Pipe l. pin Iron Pin Property Line Adjacent Property Line Fence Stone Wall Tree with D.B.H. Gas service location Edge of woods Concrete Curb Guide rail Stormwater Sewer Pipe Underground Electric Wire Overhead Utility Wires Water main Gas main Sanitary Sewer Pipe Wetlands Wetland Boundary w/flag # 	<ul style="list-style-type: none"> FNTR Utility Pole w/owner Manhole C.B. or LI Catch Basin or Lawn Inlet W.G. Water Gate Valve Light Post C.C.O. Clean Out G.G. Gas Gate Valve D.W.M. Detectable warning mat GS Gas Service Lateral WS Water Service Lateral San. Sanitary Sewer Lateral Inv. Invert El. or Elev. Elevation Bit. Bituminous Conc. Concrete Mas. Masonry BCLC Bituminous Concrete Lip Curb CC Concrete Curb Typ. Typical Ex. Existing 	<ul style="list-style-type: none"> Fnd. Found n/y Now or Formerly 6' W.W.F. Woven Wire Fence w/ height w/ with Roof leader Conc. Concrete P.V.C. Polyvinyl Chloride Pipe R.C.P. Reinforced Concrete Pipe H.D.P.P. High Density Plastic Pipe D.I.P. Ductile Iron Pipe San. Sanitary Inv. Invert El. or Elev. Elevation Bit. Bituminous Conc. Concrete Mas. Masonry BCLC Bituminous Concrete Lip Curb CC Concrete Curb Typ. Typical Ex. Existing
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HORBAL & JUDSON
LAND SURVEYORS & ASSOCIATES
52 Main Street, Seymour
Connecticut, 06483, Phone (203) 888-9660



REVISIONS		
NO.	DESCRIPTION	DATE

DEMOLITION & EXISTING CONDITIONS		Job No. 19-13
MAINTENANCE STORAGE GARAGE		Scale: 1"=20'
ANSONIA HIGH SCHOOL		Date: 3/6/20
#20 PULASKI HIGHWAY, CT RT 243		Designed: D.W.S.
ANSONIA, CONNECTICUT		Drawn: K.D.K.
DONALD W. SMITH, JR., P.E.		Sheet: C1
CONSULTING ENGINEER		
56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904		



SYMBOL	DESCRIPTION	CROSS SECTION
Cs	CONCRETE SIDEWALK	Broom finish, score lines @ 30 s.f. +/- expansion joints @ 30' o.c. min. 1/4" per foot cross slope 4" 3,000 # Cement concrete (3/4" stone, 5% air entrained) 6" x 6" - 10/10 Welded wire fabric (plus #4 dowels @ all doors) 4" Compacted gravel base Subgrade (common backfill)
G	GRASS	Lime, fertilizer and grass seed 6" Min. topsoil (no stones larger than 1") Subgrade (common backfill)
P	BITUMINOUS CONCRETE PAVEMENT	1-1/2" Class 2 bituminous concrete surface course 2-1/2" Class 1 bituminous concrete binder course 6" Processed aggregate base, compacted 8" Rolled gravel subbase Subgrade (common backfill)
Bs	BROKEN STONE	2" Broken stone 6" min. Subgrade (common backfill)

SURFACE CODE LEGEND
N.T.S.

ZONING COMPLIANCE SUMMARY - ZONE RES. A			
	REQUIRED	EXISTING	PROPOSED
LOT AREA, S.F. (Ac.)	12,500 (0.28)	2,580,539 (59.24)	2,580,539 (59.24)
WETLAND AREA, S.F. (Ac.)	N/A	638,507 (14.66)	638,507 (14.66)
LOT COVERAGE BY BLDG. (MAX.)	25%	3.6%	3.9%
TOTAL IMPERV. COVER (MAX.)	45%	<45%	<45%
FRONT YARD SETBACK	25'	42.9'	42.9'
SIDE YARD SETBACK	10'	260.1'	202.3'
USE	SITE PLAN APPROVAL	PUBLIC SCHOOL	PUBLIC SCHOOL

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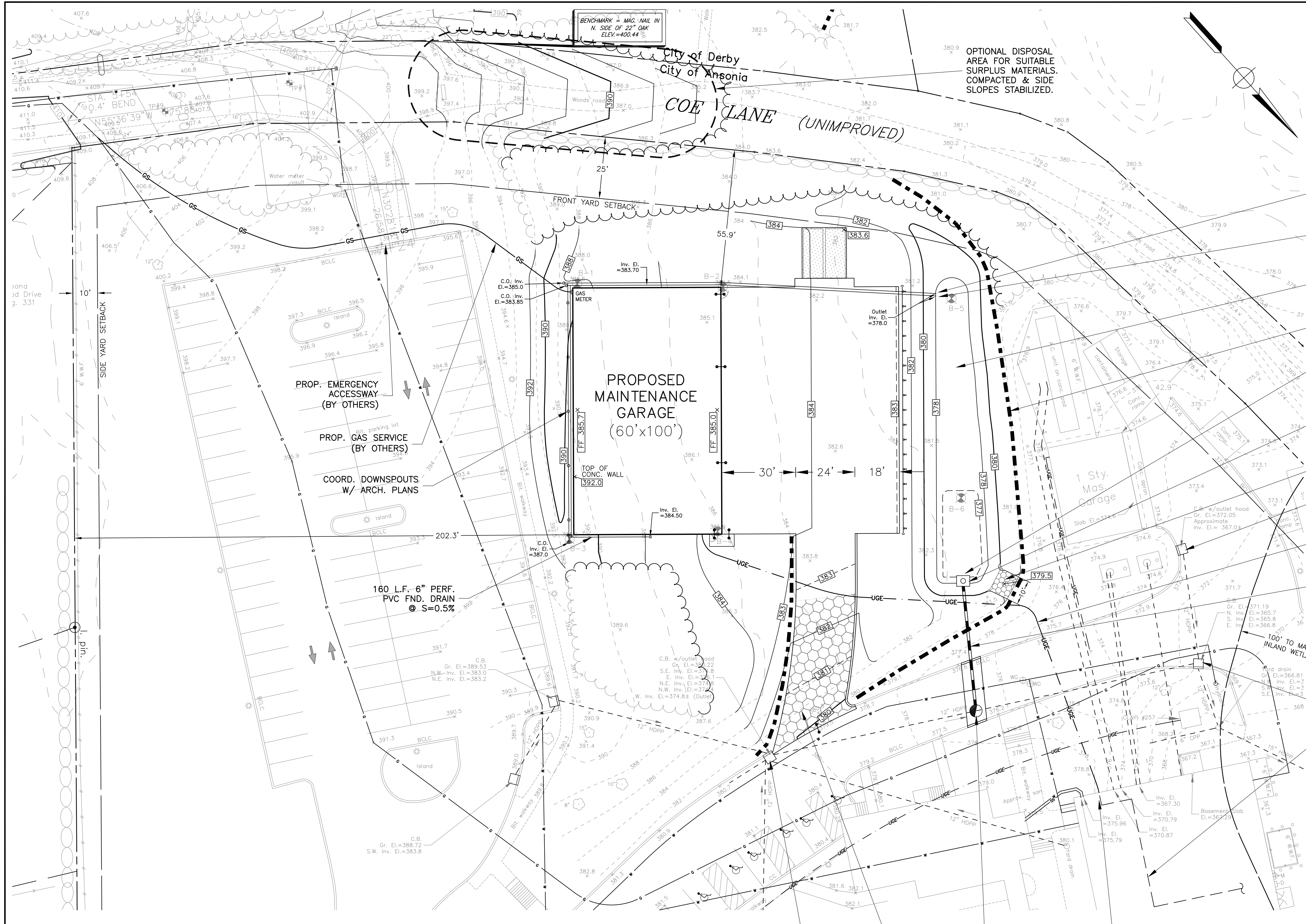
LEGEND			
Mon. Monument	FNTR Utility Pole w/owner	Fnd. Found	Found
Iron Pipe	Utility pole with guy wire	n/y/ Now or Formerly	n/y/ Now or Formerly
Iron Pin	M.H. Manhole	6" W.W.F. Woven Wire Fence w/ height	6" W.W.F. Woven Wire Fence w/ height
Property Line	C.B. or LI Catch Basin or Lawn Inlet	w/ Roof leader	w/ Roof leader
Adjacent Property Line	W.G.V. Water Gate Valve	Conc. Concrete	Conc. Concrete
Fence	Light Post	P.V.C. Polyvinyl Chloride Pipe	P.V.C. Polyvinyl Chloride Pipe
Stone Wall	C.C.O. Clean Out	R.C.P. Reinforced Concrete Pipe	R.C.P. Reinforced Concrete Pipe
6" or 8" Tree with D.B.H.	G.G.V. Gas Gate Valve	H.D.P.P. High Density Plastic Pipe	H.D.P.P. High Density Plastic Pipe
Gas service location	D.W.M. Detectable warning mat	D.I.P. Ductile Iron Pipe	D.I.P. Ductile Iron Pipe
Edge of woods	GS Gas Service Lateral	San. Sanitary	San. Sanitary
Concrete Curb	WS Water Service Lateral	Inv. Invert	Inv. Invert
Guide rail	10' 10 foot contour with elevation	El. or Elev. Elevation	El. or Elev. Elevation
Stormwater Sewer Pipe	162' 2 foot contour with elevation	Bit. Bituminous	Bit. Bituminous
Underground Electric Wire	161' 1 foot contour with elevation	Conc. Concrete	Conc. Concrete
Overhead Utility Wires	163' Spot elevation	Mas. Masonry	Mas. Masonry
Water main	Class "T-D" 10 foot contour	BCLC Bituminous Concrete Lip Curb	BCLC Bituminous Concrete Lip Curb
Gas main	Class "T-D" 2 foot contour	CC Concrete Curb	CC Concrete Curb
Sanitary Sewer Pipe	FB Flood Boundary	Typ. Typical	Typ. Typical
Wetlands	Town line	Ex. Existing	Ex. Existing
Wetland Boundary w/flag #			

HERBAL & JUDSON
LAND SURVEYORS & ASSOCIATES
52 Main Street, Seymour
Connecticut, 06483, Phone (203) 888-9660



REVISIONS		
NO.	DESCRIPTION	DATE

SITE PLAN		Job No. 19-13
MAINTENANCE STORAGE GARAGE		Scale: 1"=20'
ANSONIA HIGH SCHOOL		Date: 3/6/20
#20 PULASKI HIGHWAY, CT RT 243		Designed: D.W.S.
ANSONIA, CONNECTICUT		Drawn: K.D.K.
DONALD W. SMITH, JR., P.E.		Sheet: C2
CONSULTING ENGINEER		
56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904		



GENERAL CONSTRUCTION SEQUENCE:

The anticipated time of completion for all aspects of construction is six (6) months from the initial start date. Construction is expected to start in the Summer of 2020 and be completed by Spring 2021.

Prior to any on-site activity, the Contractor shall be responsible for holding a pre-construction meeting with the design team and appropriate City officials and for notifying "Call Before You Dig" (1-800-922-4455) of the proposed project. (Estimated Time: 3 days)

The general sequence of work will be as follows:

1. Stakeout limits of new construction. Saw cut and remove the designated portions of bituminous concrete pavement and dispose off-site. (Estimated Time: 1 days)
2. Install construction entrance, silt fence and other erosion control measures as shown on plans and as directed by the "Engineer". Maintain all erosion and sediment control measures in an effective condition throughout the construction phase. (Estimated Time: 2 days)
3. Clear designated trees and grub stumps from proposed development area and legally dispose of all grubbed materials. (Estimated Time: 5 days)
4. Commence rough grading of building and parking area and new detention pond. (Estimated Time: 1 week) Stabilize all cut and fill slopes as soon as practical after formation.
5. Excavate for new building foundation, pour foundation and backfill. (Estimated Time: 8 weeks)
6. Construct new building and utility services. (Estimated Time: 16 weeks)
7. Excavate, install and backfill detention pond outlet structure and storm drainage connection. (Estimated Time: 10 days)
8. Complete "boxing out" of parking area and prepare subgrade for specified base materials (Estimated Time: 3 days)
9. Install specified base courses and bituminous concrete pavement. (Estimated Time: 5 days)
10. Install topsoil and seed all disturbed areas as soon as practical. (Estimated Time: 1 day)

- 250± L.F. 6" SOLID PVC ROOF DRAIN OUTLET
- 120± L.F. 6" SOLID PVC FND. DRAIN OUTLET
- STORMWATER MGMT. AREA TO BE USED AS TEMP. SEDIMENT TRAP DURING CONST.
- SILT FENCE (TYP.)
- PROVIDE EROSION CONTROL AT OUTLET STRUCTURE PER DETAIL
- STORMWATER MGMT. AREA OUTLET STRUCTURE TF=380.5 INV.=375.0
- MODIFIED RIPRAP OVERFLOW
- INSTALL & MAINTAIN SILT SACK
- PROP. U/G ELEC. CONDUITS: 1-4" & 3-2"
- 50 L.F. 12" HDPP @ S=6.0%

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Wetland Boundary w/flag #	Town line	

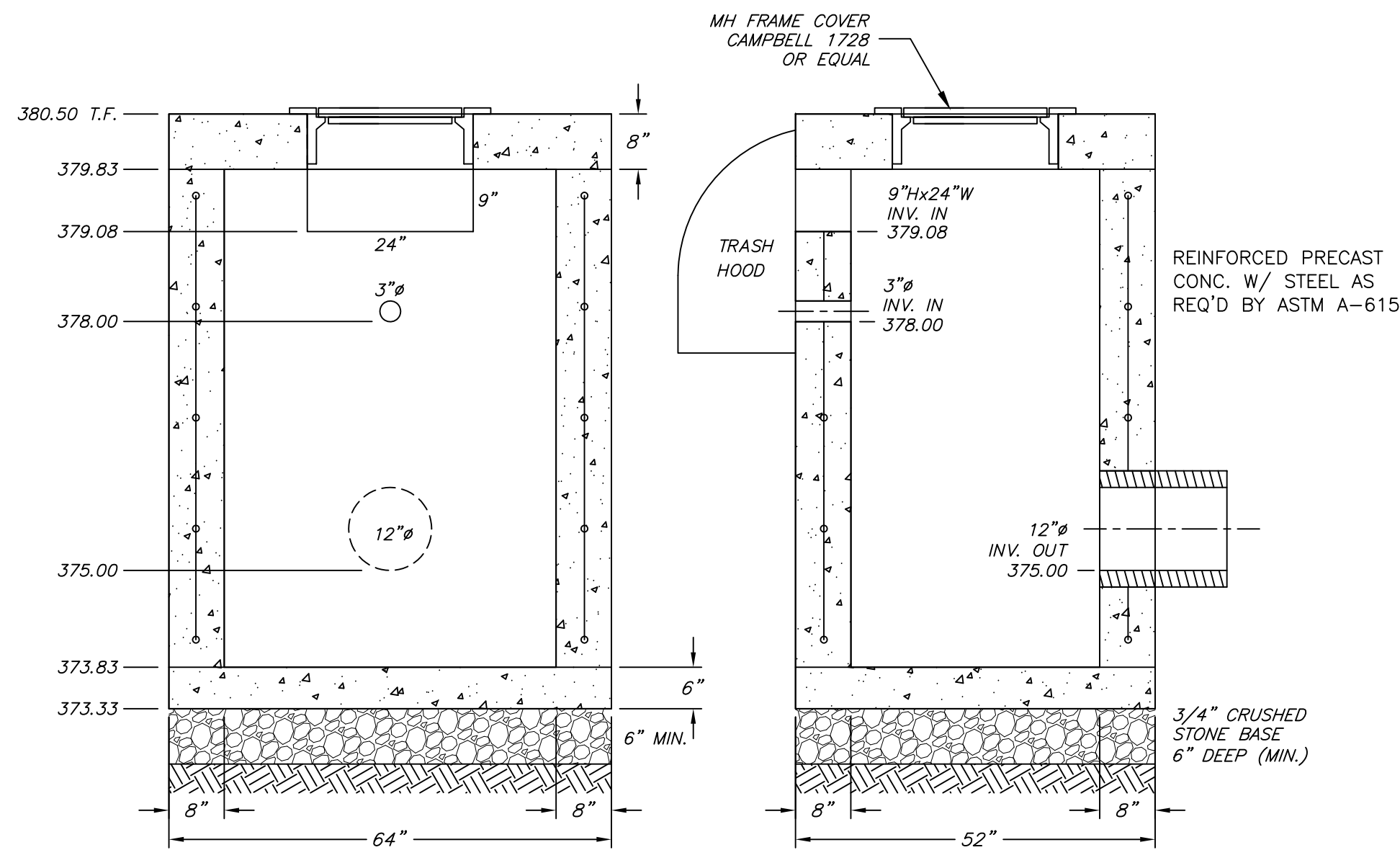
LEGEND:
● = FLUSH CONDITIONS

HERBAL & JUDSON
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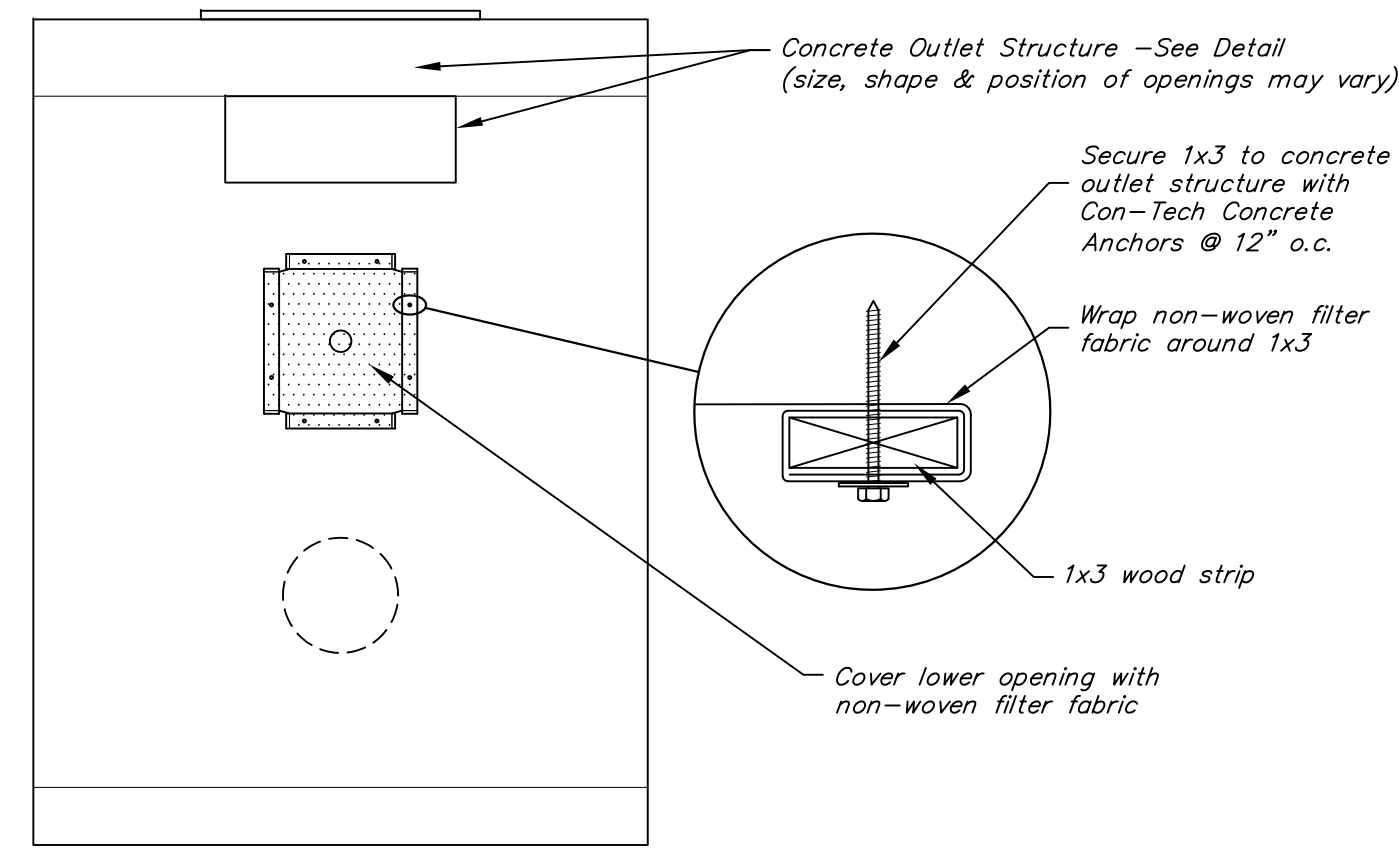


REVISIONS		
NO.	DESCRIPTION	DATE

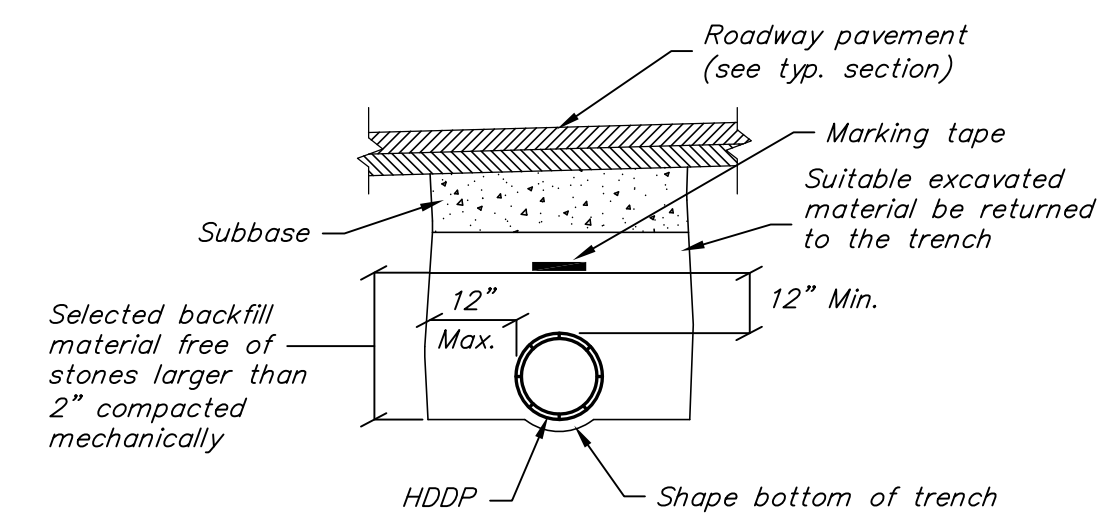
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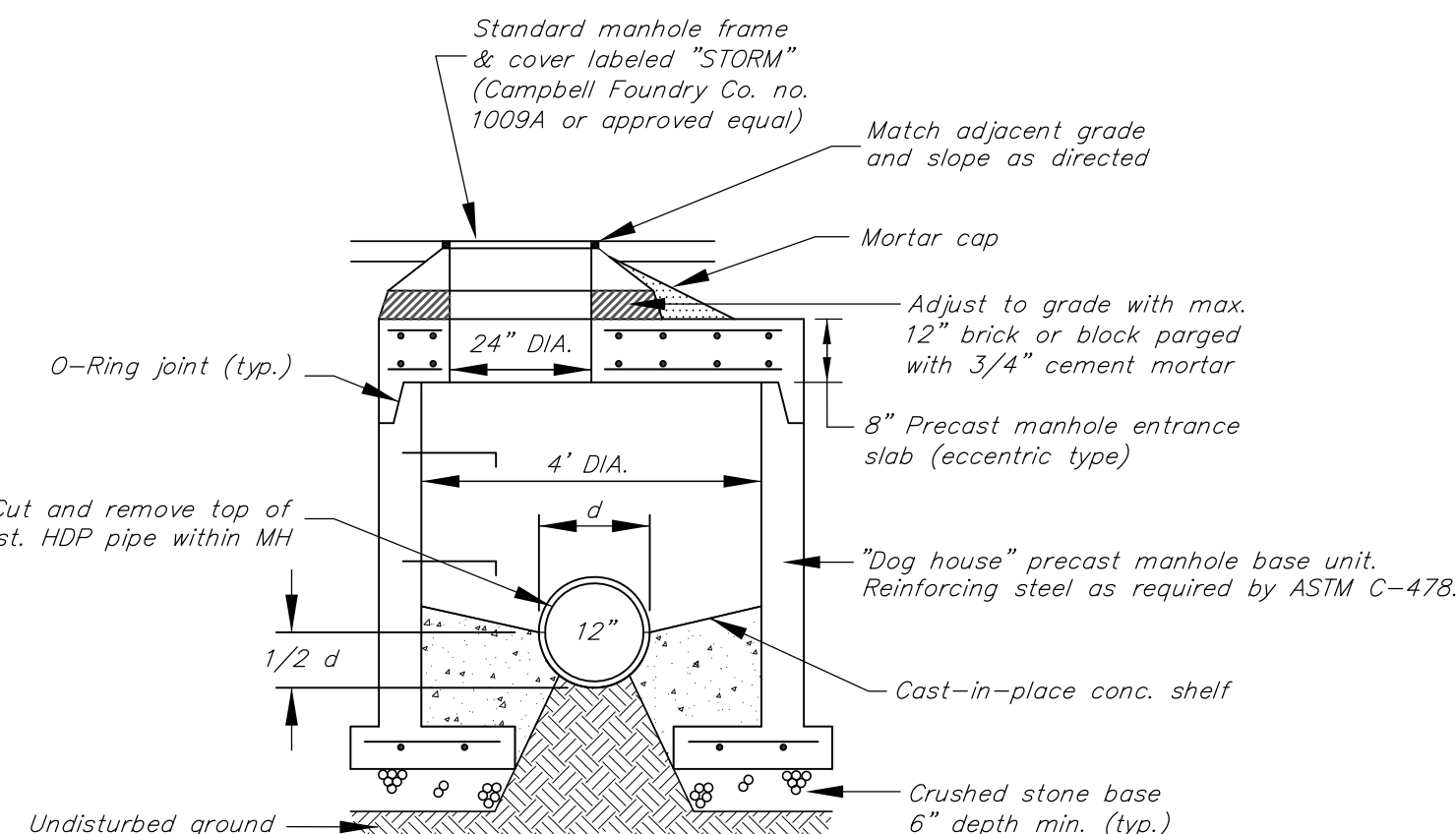
OUTLET STRUCTURE DETAIL
N.T.S.



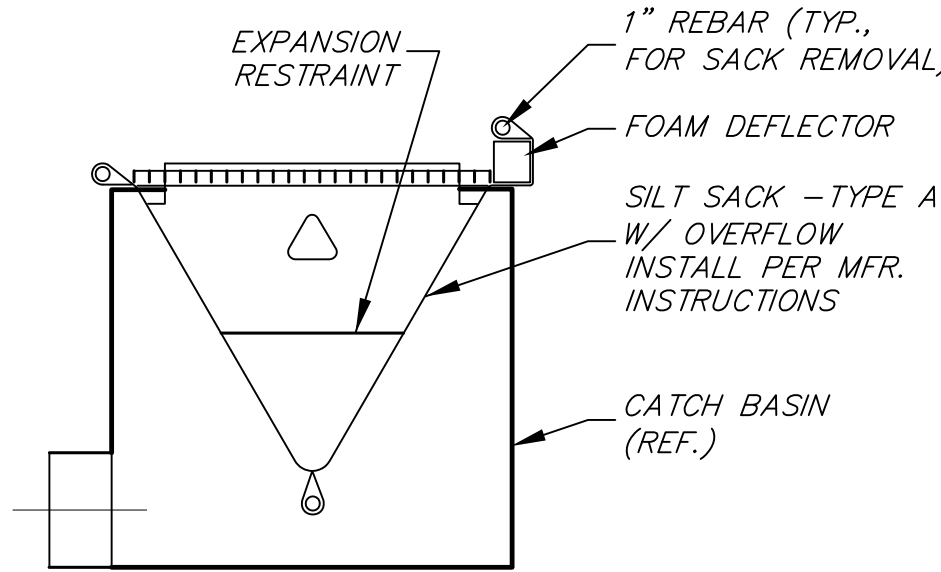
OUTLET STRUCTURE EROSION CONTROL DETAIL
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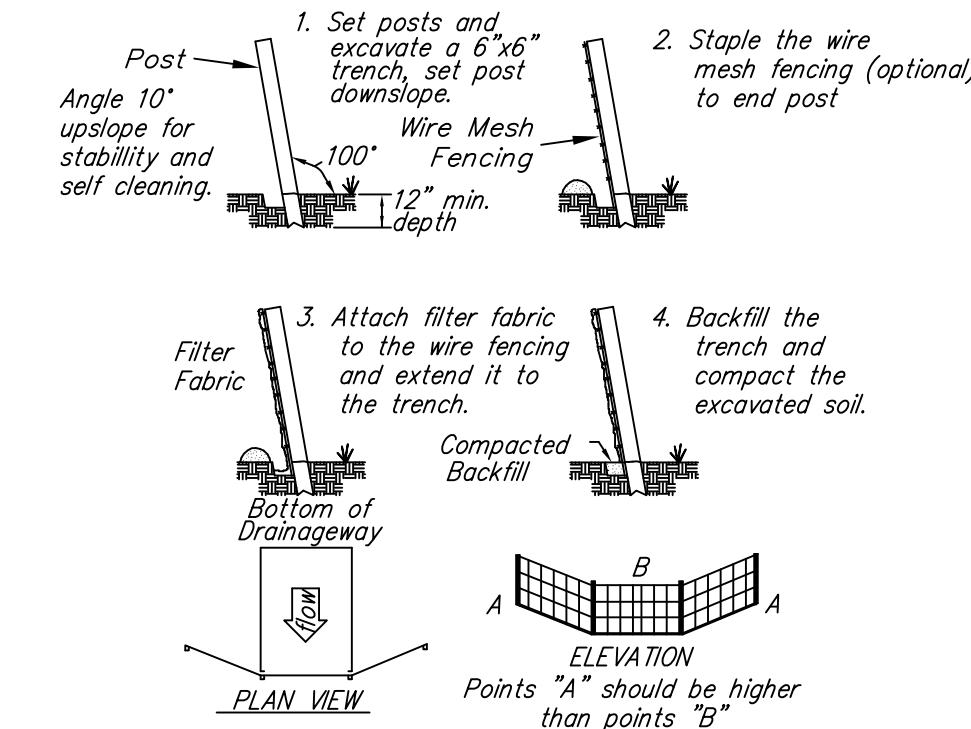
HDPP STORM DRAIN TRENCH
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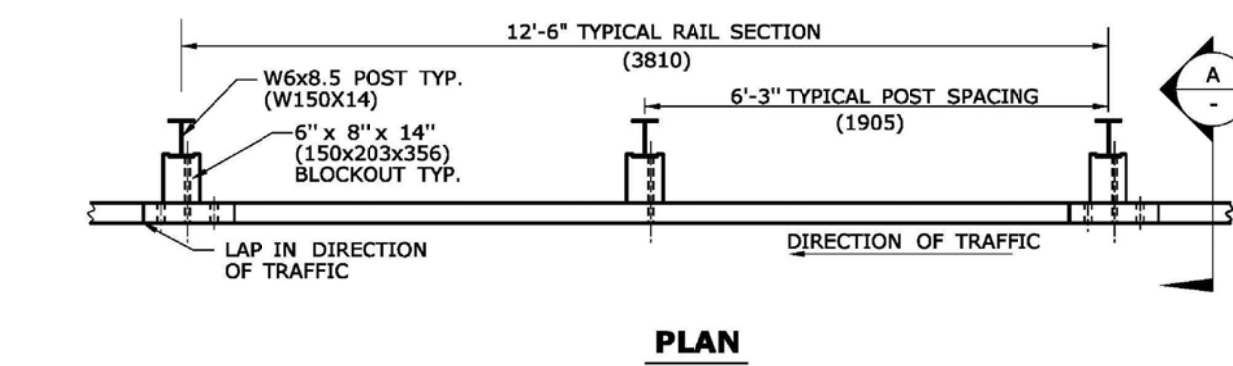
"DOG HOUSE" MANHOLE DETAIL
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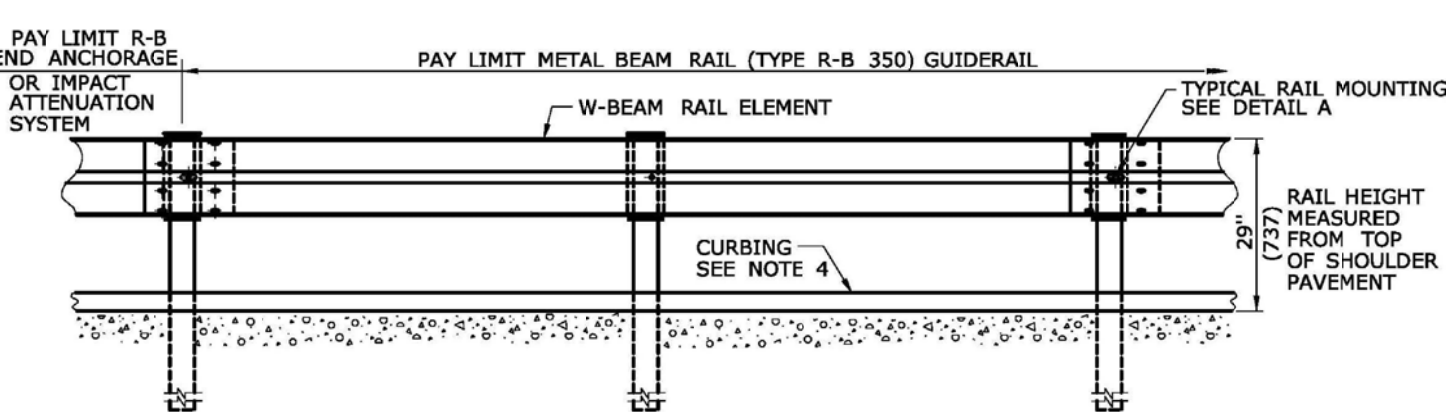
SILT SACK - TYPE A
N.T.S.



PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER
N.T.S.

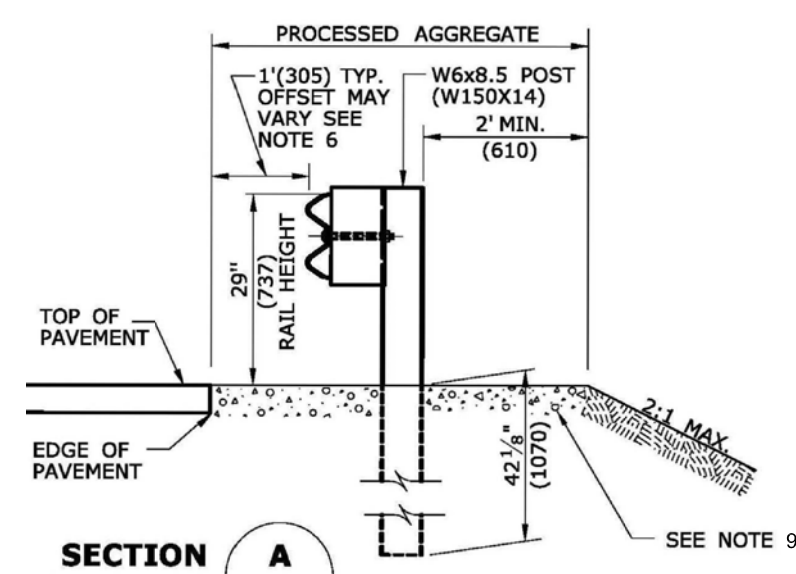


PLAN

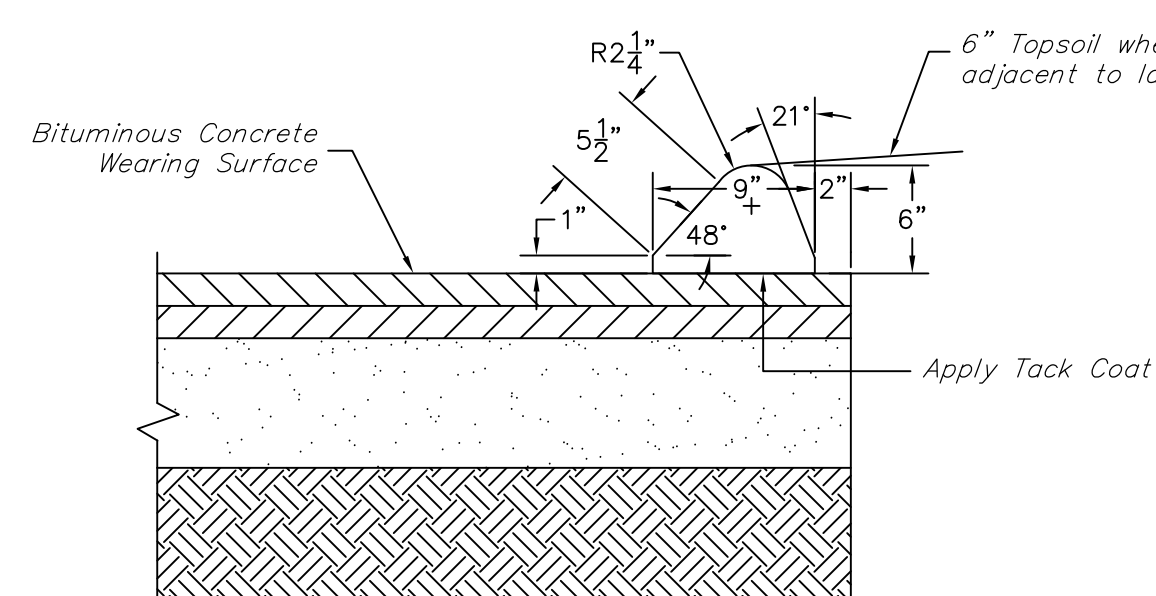


ELEVATION

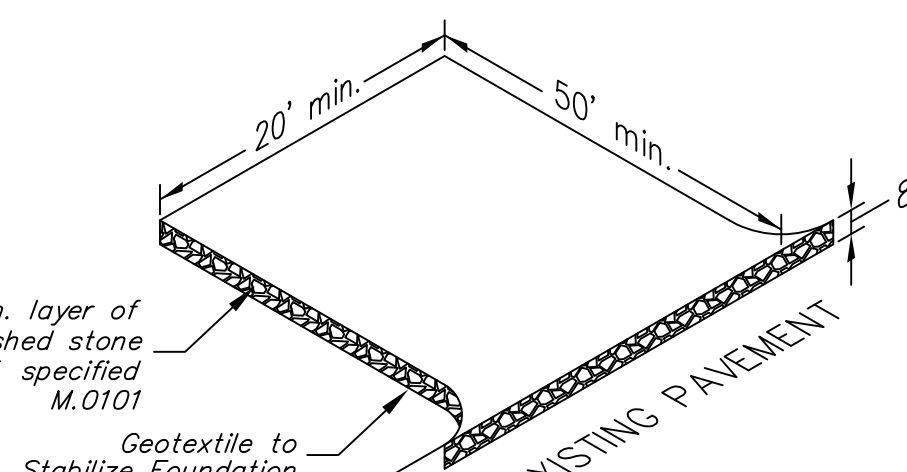
METAL BEAM RAIL (TYPE R-B 350)



NO CURB APPLICATION



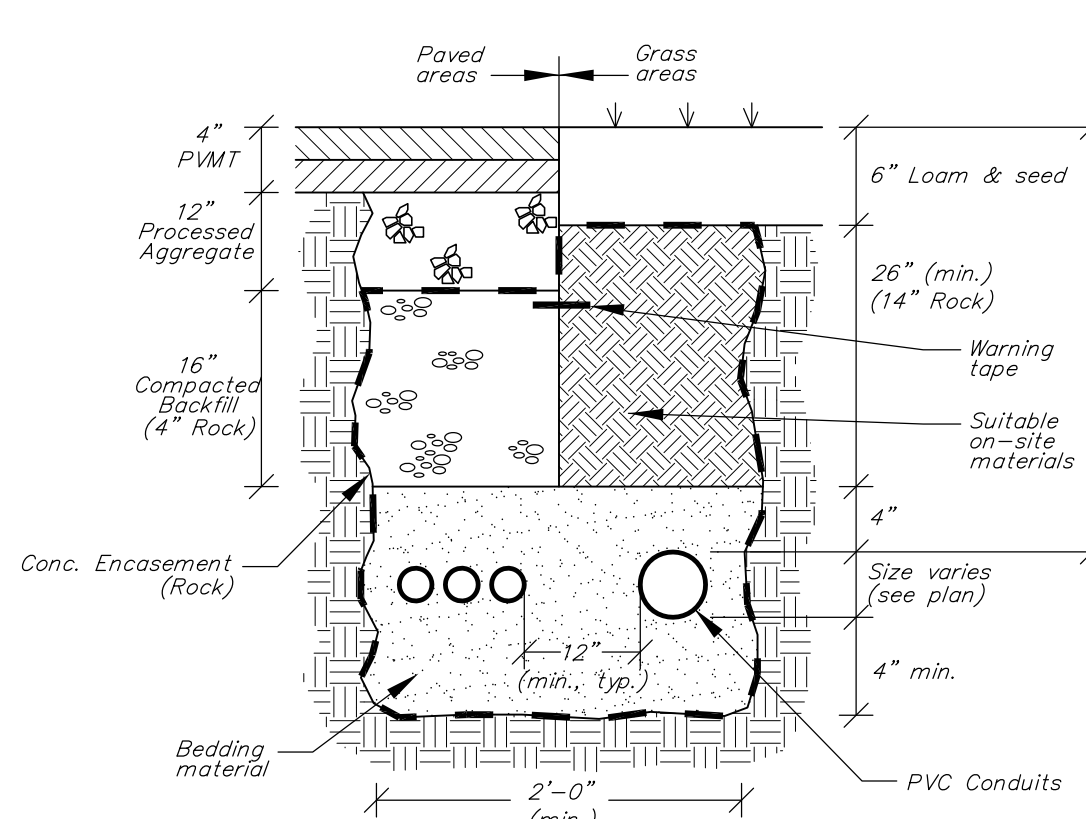
6" BIT. CONC. LIP CURB DETAIL
N.T.S.



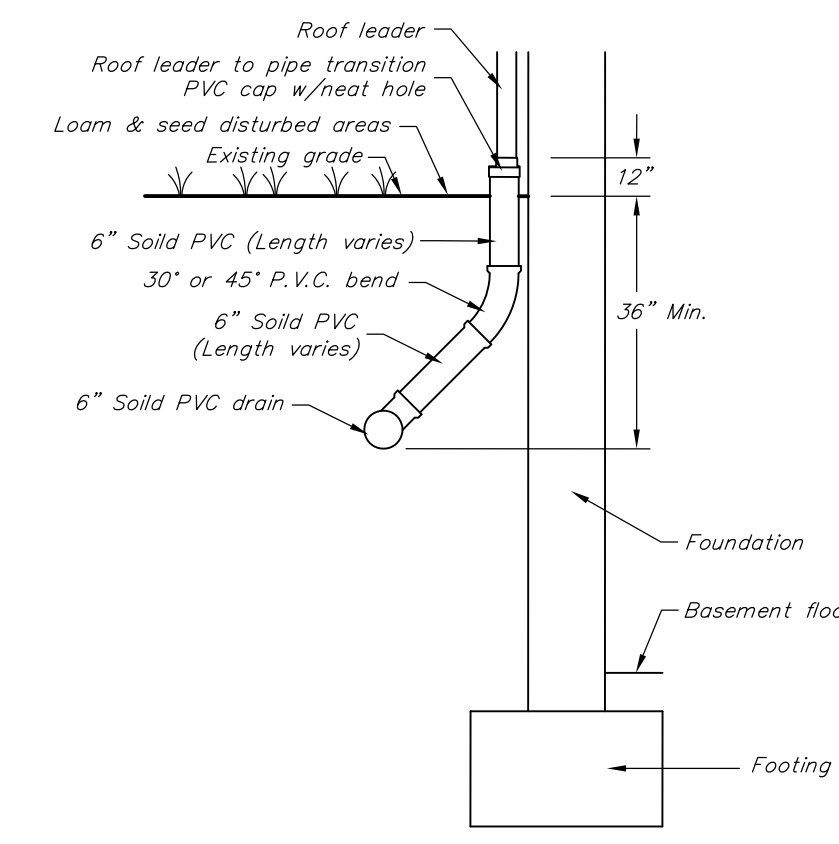
CONSTRUCTION ENTRANCE ANTI-TRACKING PAD
N.T.S.

GENERAL NOTES:

- SEE SHEET HW-910.01 FOR HARDWARE AND DELINEATOR DETAILS.
- MAXIMUM DESIGN DEFLECTION FOR R-B 350 GUIDERAIL AT THE STANDARD POST SPACING OF 6'-3" (1905) IS 4'-3" (1295). DEFLECTION REQUIREMENT IS MEASURED FROM THE BACK OF POST TO THE FACE OF OBJECT.
- FOR CURVES WITH RADIUS OF 150' (45.7m) OR LESS, ALL RAIL ELEMENTS SHALL BE SHOP FABRICATED TO THE PROPER RADIUS AND GALVANIZED AFTER FABRICATION. RADIUS RAIL WHEN REQUIRED AND NOTED ON THE PLANS, IS INCLUDED IN THE PAY ITEM FOR GUIDERAIL.
- RAIL HEIGHT WITH CURBING SHALL BE MEASURED FROM THE TOP OF PAVEMENT. ON HIGH SPEED ROADWAYS (≥ 45 mph 72.4 kph), 4" (102) CURBING MAY BE USED IN CONJUNCTION WITH GUIDERAIL AND THE RAIL ELEMENT SHALL BE PLACED FLUSH WITH THE FACE OF CURB. ON LOW SPEED ROADWAYS (< 45 mph 72.4 kph), 6" (152) CURBING MAY BE USED IN CONJUNCTION WITH GUIDERAIL AND THE RAIL ELEMENT SHALL BE PLACED A MAXIMUM OF 9" (229) BEHIND THE FACE OF CURB.
- THREE BLOCKOUTS MAY BE USED FOR ONE POST ONLY. TWO BLOCKOUTS MAY BE USED FOR A SERIES OF POSTS. THE COST OF ADDITIONAL BLOCKOUTS AND LONGER BOLTS SHALL BE INCLUDED IN THE BID PRICE PER FOOT OF GUIDERAIL. EXTRA BLOCKOUTS AT TRANSITION TO BRIDGE PARAPETS SHOULD BE AVOIDED.
- W-BEAM GUIDERAIL MAY BE PLACED 1' (305) OR MORE FROM THE EDGE OF PAVEMENT ONLY ON SLOPES 10:1 OR FLATTER AND WITHOUT CURBING. IF THE RAIL IS INSTALLED WITHIN 2' (610) OF THE EDGE OF PAVEMENT, THE RAIL HEIGHT IS MEASURED FROM THE SHOULDER SLOPE EXTENDED TO THE RAIL. IF THE RAIL IS INSTALLED BEYOND 2' (610) FROM THE EDGE OF PAVEMENT, THE RAIL HEIGHT IS MEASURED FROM THE GROUND DIRECTLY BELOW THE RAIL.
- ALL R-B 350 GUIDERAIL TYPES INSTALLED ON EXPRESSWAYS AND RAMPS SHALL USE CLASS B, TYPE-II (10 GAUGE) W-BEAM RAIL ELEMENTS.
- 20" (507) DIA. EXCAVATED HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL OR GRANULAR FILL BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM). 8" (203) DIA. HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL.
- AS DIRECTED BY THE ENGINEER AND WHERE PAVEMENT FOR RAILING IS NOT BEING INSTALLED, A MIN. 6" DEPTH OF PROCESSED AGGREGATE SHALL BE INSTALLED FROM THE PAVEMENT EDGE OR BACK OF CURB TO A MINIMUM OF 2' (610) BEHIND THE GUIDERAIL POST AND COMPACTED IN 6" (150) LIFTS.
- MINIMUM RAIL HEIGHT FOR NEW CONSTRUCTION SHALL BE 29" (737) \pm 1" (25).



U/G CONDUIT BEDDING DETAIL
N.T.S.



ROOF DRAIN CONNECTION DETAIL
N.T.S.

EROSION CONTROL NOTES:

- Land disturbance shall be kept to the minimum necessary for construction operations.
- All soil erosion and sediment control measures must be constructed in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control by the Connecticut Council on Soil and Water Conservation in cooperation with the Connecticut Department of Environmental Protection.
- Erosion and sediment control measures shall be installed as depicted on this plan, and maintained in an effective condition throughout the construction period. Additional measures shall be installed as necessary and required.
- All disturbed areas shall be permanently stabilized as soon as practicable. Seed all disturbed areas with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas where the suspension of work is expected to be more than 30 days but less than 1 year.
- The Site Contractor and Mr. Robert Evans, Director of Facilities, City of Ansonia Board of Education, are assigned the responsibility for implementing the control measures of this plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of this plan, and notifying the Planning and Zoning Commission of the transfer of this responsibility, and for conveying a copy of this plan if title to the property is transferred.

DETENTION POND MAINTENANCE:

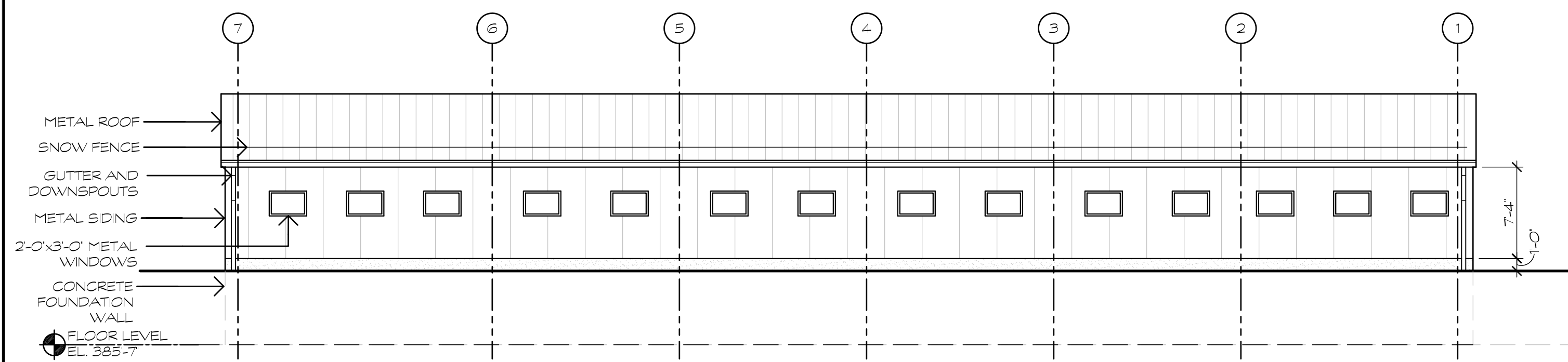
- The detention pond shall be maintained in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control by the Connecticut Council on Soil and Water Conservation in cooperation with the Connecticut Department of Environmental Protection.
- The detention pond shall be monitored and inspected on a periodic basis, at least twice annually, and after severe storm events. Adequate records shall be kept of all inspections.
- Accumulated sediment and debris shall be removed from the detention pond and disposed of in a proper manner consistent with the Guidelines. This is to be done after construction is completed and all slopes are stabilized and thereafter on a periodic basis. The pond bottom shall be maintained in such a way to insure that all flows will discharge through the outlet structure.
- The side slopes of the pond shall be periodically inspected for erosion. Vegetative cover and rip rap shall be replaced as necessary for bank stabilization.
- Proper access for inspection and maintenance equipment shall be maintained.
- The outlet structure shall be inspected and maintained free of all debris and sediment.
- Additional maintenance measures shall be implemented as necessary to comply with the intent of the plan.
- Trees and brush shall not be allowed to grow within the limits of the detention pond or on the downstream embankment face.

DETENTION POND EMBANKMENT CONSTRUCTION NOTES AND SPECIFICATIONS:

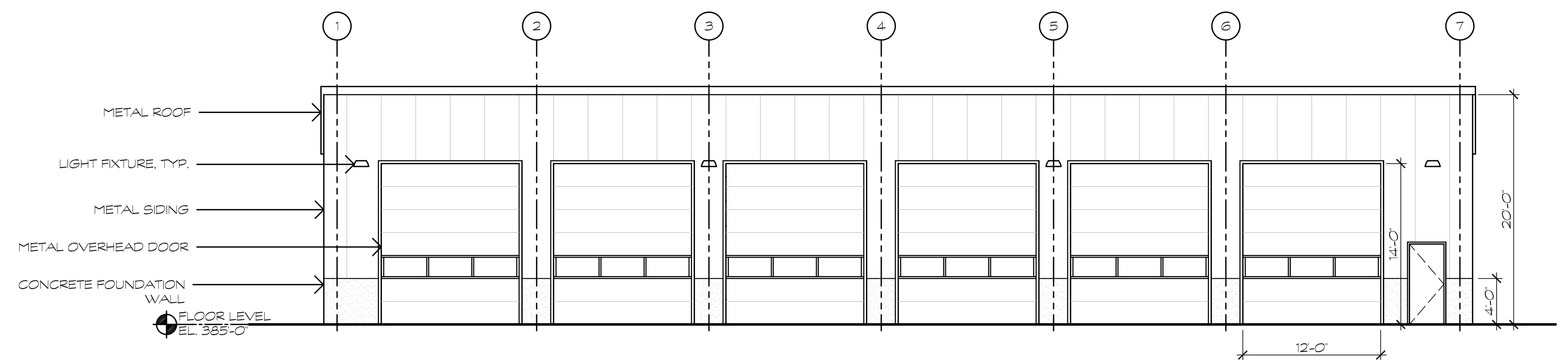
- Remove topsoil & subsoil materials from under the embankment area to minimum depth of two (2) feet.
- Embankment shall be constructed of earth and shall be constructed by depositing successive layers of the full width of the embankment. The depth of each layer before compaction shall not exceed twelve (12) inches and shall be compacted to 90% of maximum dry density.
- Embankment to be benched into adjacent slopes on each lift.
- The embankment shall be crowned or pitched to provide drainage at the close of each day's operation.
- The fill material for the embankment shall be taken from approved borrow areas. It shall be clean mineral soil, free of roots, woody vegetation, stumps, sod, oversized stones, rocks, or other organic or unsuitable material. The material selected shall have enough strength for the embankment to remain stable and be tight enough, when properly compacted, to prevent excessive seepage of water through the dam. Fill containing particles ranging from small gravel or coarse sand to fine sand and clay in desired proportions is appropriate. Embankment material should contain at least 15% passing the #200 sieve. No stones larger than 6 inches shall be allowed within the compacted embankment. Within two feet of any structure, the maximum size shall be 3 inches. Construction shall not take place during cold periods where temperatures are consistently lower than 40 degrees Fahrenheit. The soil intended for the embankment shall be laboratory tested with a written report by a Professional Engineer licensed to practice in Connecticut, experienced in the field of soils. The report shall carry the Engineer's findings and suggested design parameters if at variance with those proposed in the design.
- Compaction: Areas on which fill is to be placed shall be scarified prior to placement of fill. The fill material shall contain the proper amount of moisture to ensure that 90%-95% Standard Proctor Compaction will be achieved. Fill material will be placed in 12-inch max. continuous layers over the entire length of the fill. Compaction shall be obtained by routing the hauling equipment over the fill so that the entire surface of the fill is traversed by at least one wheel or tread track of the equipment, or by using a compactor. Special care shall be taken in compacting around the anti-seep collars, conduits and structures to avoid damage and achieve desired compaction.
- The contractor shall provide for a minimum of six (6) compaction tests in each embankment fill lift, of each detention pond, at locations specified by the Engineer. Said tests shall be performed by State of Connecticut certified testing laboratory and approved by the Design Engineer.
- The Design Engineer shall observe the embankment construction and approve the material, embankment formation, compaction and testing of same.
- Vegetative Soil Cover: Permanent vegetation cover to be established on all exposed embankment areas within ten (10) days of final grading. A topsoil layer of four (4) inches shall be installed prior to seeding. All debris and surface stones two (2) inches or larger in any dimension shall be removed. Hydroseed all exposed areas. Install erosion control blankets to provide temporary surface protection for newly seeded areas.
- Materials specifications for detention ponds:
Seed: Permanent Vegetation - Detention Ponds

Common Name	Lbs./Acre	Lbs./1,000 s.f.
Creeping Red Fescue (Pennlawn, Wintergreen)	20	.45
Redtop (Streaker, Common)	2	.05
Tall Fescue (Kentucky 31) or Smooth Bromegrass (Saratoga, Lincoln)	20	.45

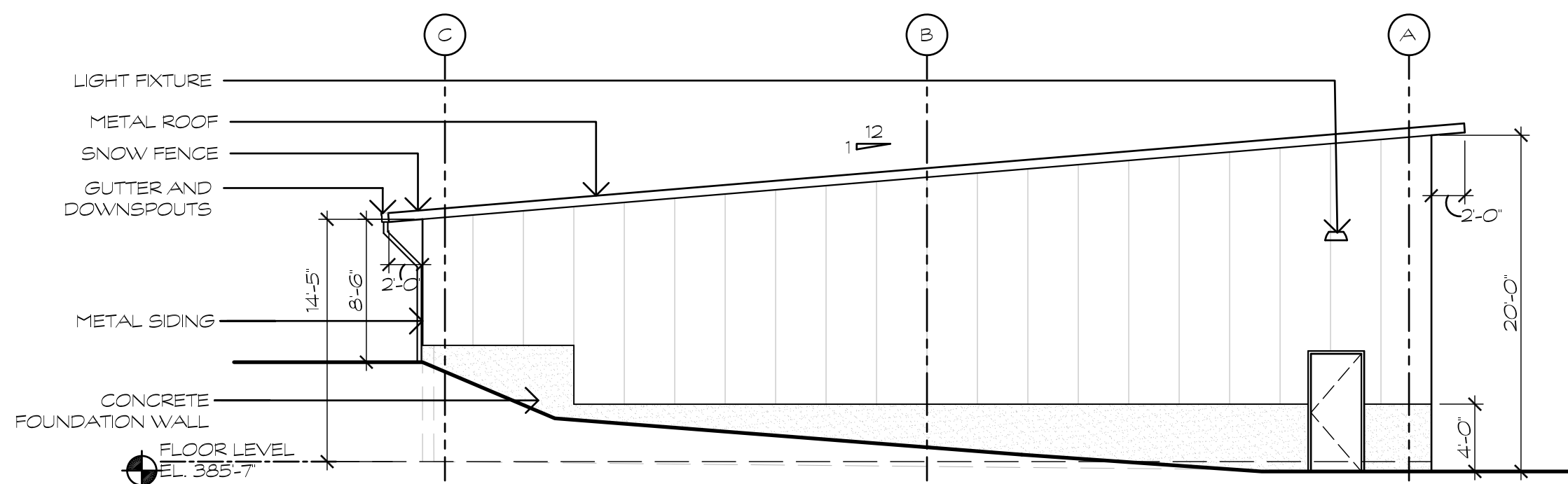
REVISIONS			DETAILS	Job No. 19-13
NO.	DESCRIPTION	DATE		
			MAINTENANCE STORAGE GARAGE ANSONIA HIGH SCHOOL #20 PULASKI HIGHWAY, CT RT 243 ANSONIA, CONNECTICUT DONALD W. SMITH, JR., P.E. CONSULTING ENGINEER 56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904	Scale: As Noted
				Date: 3/6/20
				Designed: D.W.S.
				Drawn: K.D.K.
				Sheet: C4



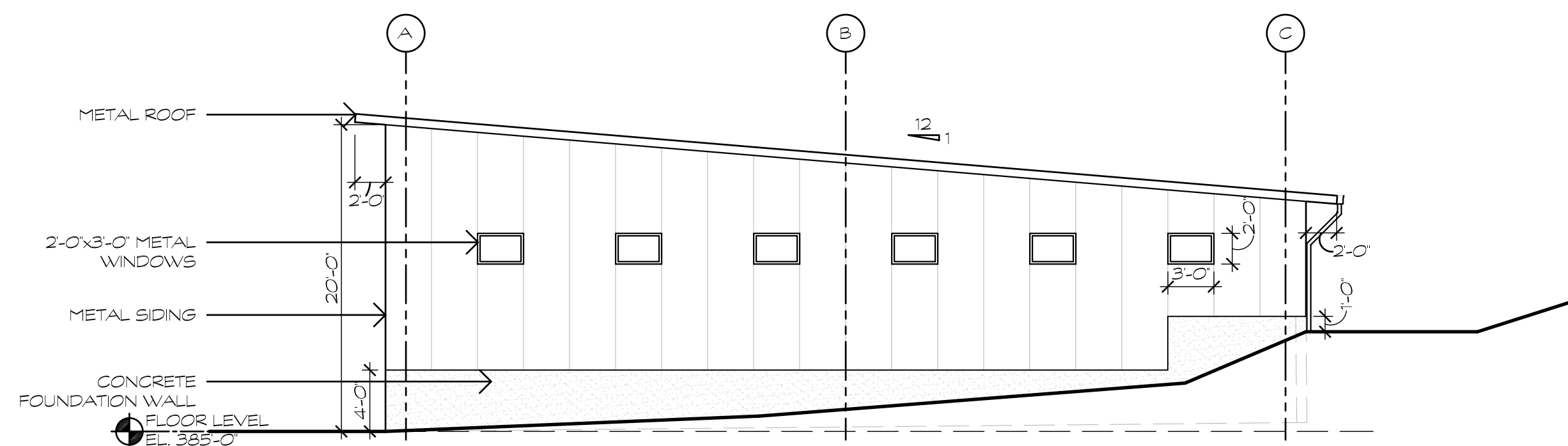
EXTERIOR ELEVATION 3
SCALE 1/8" = 1'-0"



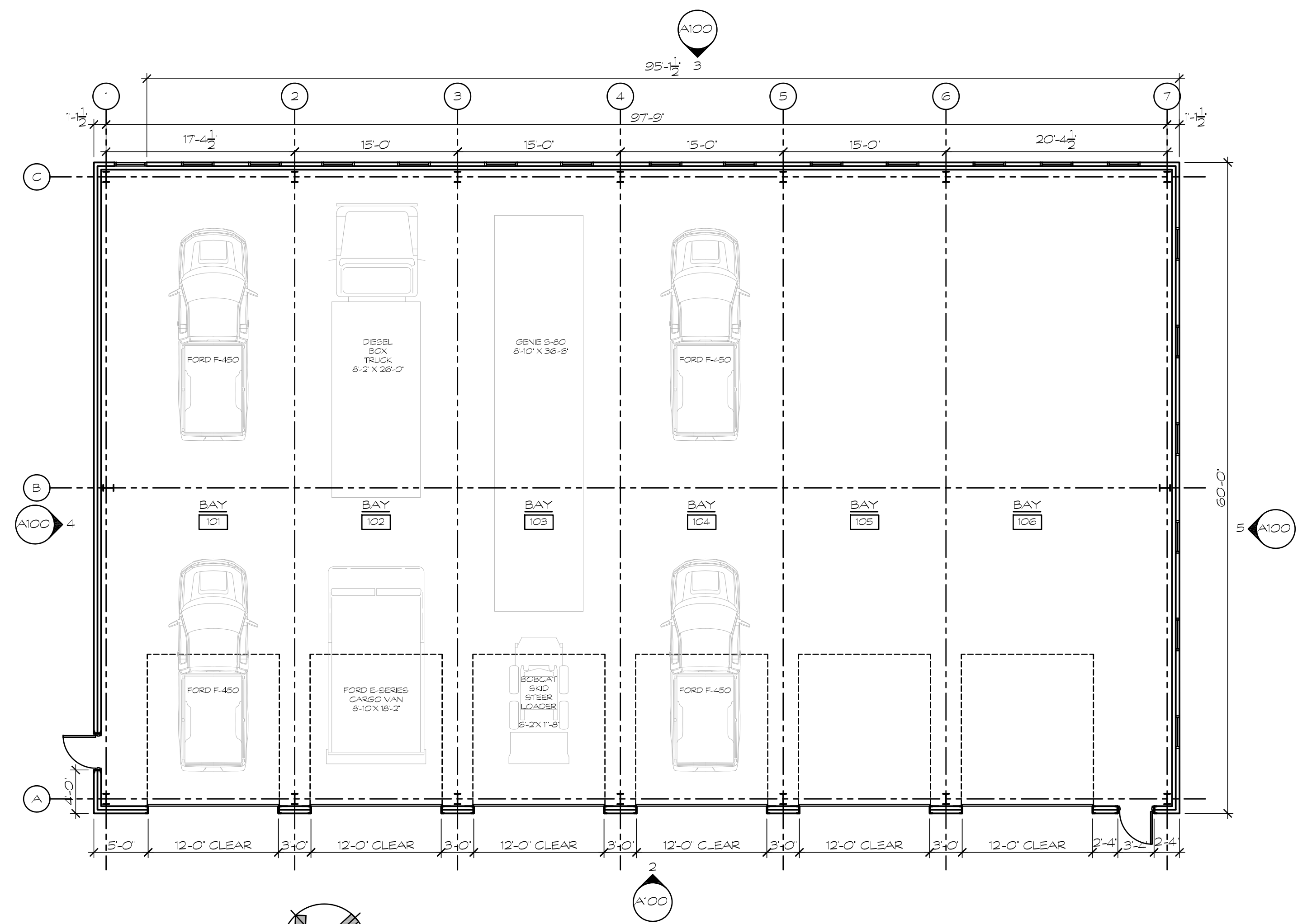
EXTERIOR ELEVATION 2
SCALE 1/8" = 1'-0"



EXTERIOR ELEVATION 4
SCALE 1/8" = 1'-0"



EXTERIOR ELEVATION 5
SCALE 1/8" = 1'-0"



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

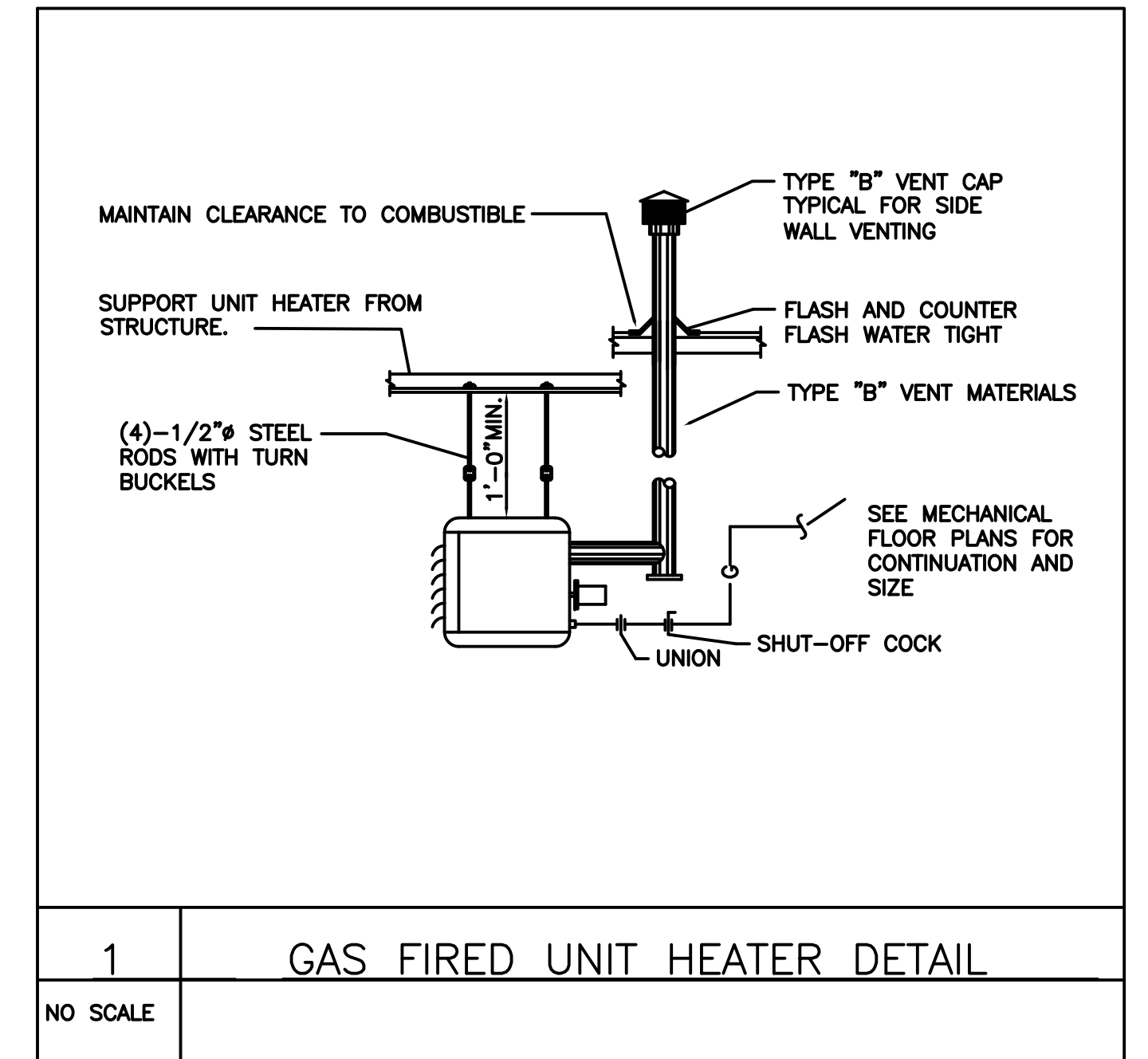
REVISIONS			FLOOR PLAN AND ELEVATIONS		Job No. 19.358
NO.	DESCRIPTION	DATE			Scale: As Noted
			MAINTENANCE STORAGE GARAGE		Date: 3/6/2020
			ANSONIA HIGH SCHOOL		Designed: MHM
			#20 PULASKI HIGHWAY, CT RT 243		Drawn: MHM
			ANSONIA, CONNECTICUT		Sheet: A100
			DONALD W. SMITH, JR., P.E.		
			CONSULTING ENGINEER		
			56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904		



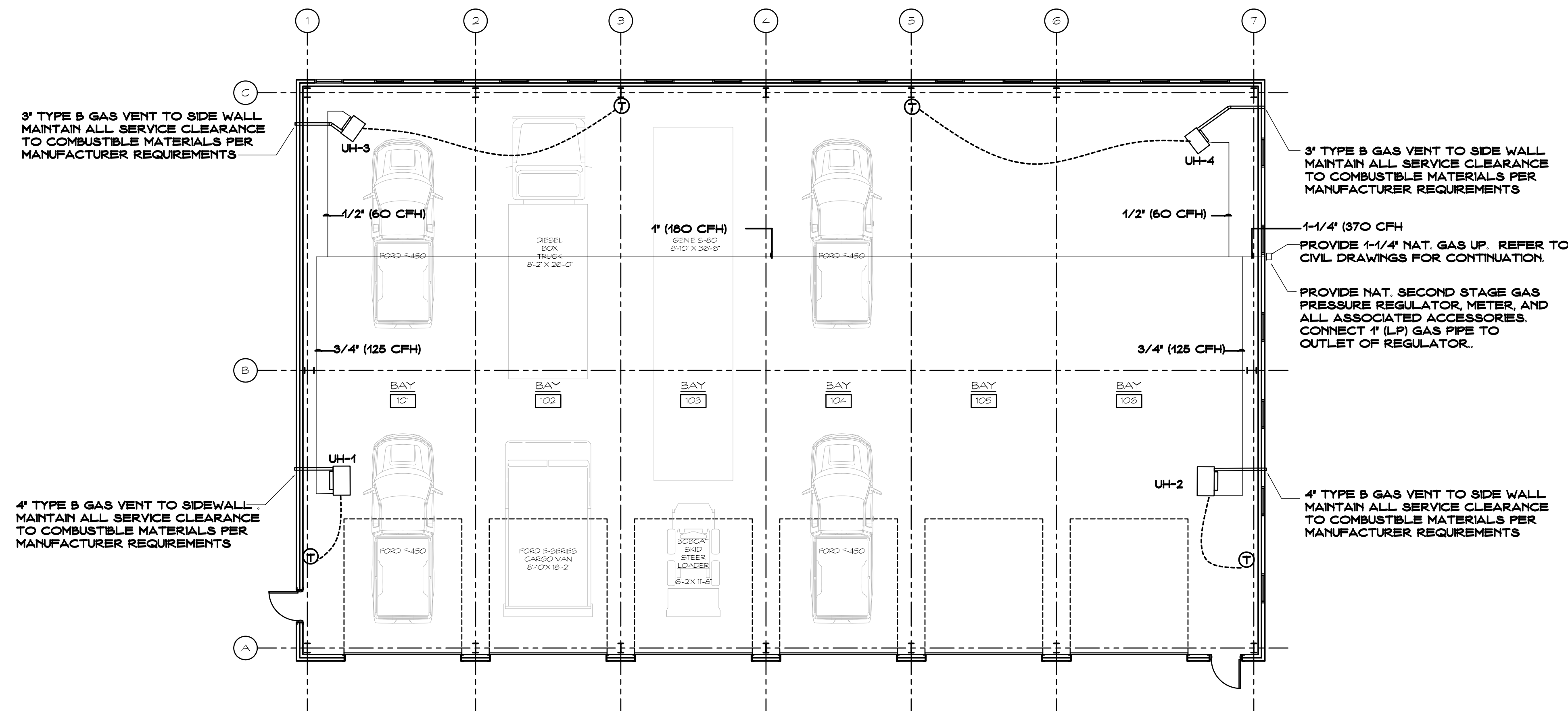
SILVER / PETRUCELLI + ASSOCIATES
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One Post Hill Place, New London, CT 06320
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

UNIT HEATER SCHEDULE															
SYMBOL	MANUFACTURER & MODEL #	SUPPLY AIR FAN		ELECTRICAL		HEATING				CONNECTION GAS (IN)	MINIMUM INLET PRESSURE	MANIFOLD PRESSURE	MAX. MOUNTING HEIGHT (FT)	OPER. WEIGHT (LB)	REMARKS:
		MOTOR RPM	MOTOR HP	VOLTS/Ph	TOTAL AMPS	TYPE	INPUT MBH	OUTPUT MBH	EFFICIENCY %						
UH-1	MODINE - HDS125AS0121	1550	1/8	115/1	4.2	NATURAL GAS	125	102,500	82	1/2"	7" WC	3.5"WC	12'	125	1,2,3,4,5
UH-2	MODINE - HDS125AS0121	1550	1/8	115/1	4.2	NATURAL GAS	125	102,500	82	1/2"	7" WC	3.5"WC	12'	125	1,2,3,4,5
UH-3	MODINE - HDS60AS0121	1625	1/12	115/1	3.75	NATURAL GAS	60	49,200	82	1/2"	7" WC	3.5"WC	12'	125	1,2,3,4,5
UH-4	MODINE - HDS60AS0121	1625	1/12	115/1	3.75	NATURAL GAS	60	49,200	82	1/2"	7" WC	3.5"WC	12'	125	1,2,3,4,5

- REMARKS:
- FURNISH WITH MOTOR WITH INTERNAL THERMAL OVERLOAD PROTECTION.
 - DISCONNECT SWITCH SHALL BE PROVIDED BY DIVISION 16.
 - PROVIDE WITH FACTORY MOUNTED FAN AND TEMPERATURE CONTROL .
 - PROVIDE WITH FACTORY INSTALLED FAN GUARD.
 - PROVIDE WITH FACTORY TRANSFORMER 115V TO 24V



1 GAS FIRED UNIT HEATER DETAIL
NO SCALE



MECHANICAL FLOOR PLAN
1/8"=1'-0"
1 M100
NORTH

- GENERAL DESIGN/BUILD PERFORMANCE NOTES:
- THE INTENT OF THESE CONTRACT DOCUMENTS IS FOR THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE MECHANICAL SYSTEMS. THE MECHANICAL SYSTEM TO BE DESIGN/BUILD BY MECHANICAL CONTRACTOR. MECHANICAL SYSTEM TO BE INSTALLED BY A LICENSED MECHANICAL CONTRACTOR. VERIFY EQUIPMENT TYPE WITH OWNER PRIOR TO PURCHASE AND INSTALLATION.
 - PROVIDE SUPPORT/BRACING OF EQUIPMENT AND BUILDING SERVICES FOR SEISMIC RESTRAINT AS REQUIRED BY CODE.
 - OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.
 - ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE APPLICABLE CODES IN THE ORDINANCES AND THE REGULATORY AGENCIES HAVING JURISDICTION.
 - COORDINATE ALL PIPING AND CONDUITS LEAVING THE BUILDING WITH THE SITE CONTRACTOR(S) BEFORE INSTALLATION.
 - ALL TEMPERATURE CONTROLS, SHALL BE LOCATED IN ACCESSIBLE LOCATIONS.
 - CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
 - ALL EQUIPMENT, PIPING, SHALL BE SUPPORTED AS DETAILED, AND REQUIRED TO PROVIDE A VIBRATION FREE INSTALLATION.

REVISIONS			MECHANICAL FLOOR PLAN		Job No. 19.358
NO.	DESCRIPTION	DATE			Scale: As Noted
					Date: 3/6/2020
			MAINTENANCE STORAGE GARAGE ANSONIA HIGH SCHOOL #20 PULASKI HIGHWAY, CT RT 243 ANSONIA, CONNECTICUT		Designed: RL
			DONALD W. SMITH, JR., P.E. CONSULTING ENGINEER 56 GREENWOOD CIRCLE SEYMOUR, CT. 203-888-4904		Drawn: RL
			SILVER / PETRUCELLI + ASSOCIATES Architects / Engineers / Interior Designers 3190 Whitney Avenue, Hamden, CT 06518-2340 One Post Hill Place, New London, CT 06320 Tel. 203 230 9007 Fax. 203 230 8247 silverpetrucelli.com		Sheet: M100