

McGOEY, HAUSER and EDSALL  
CONSULTING ENGINEERS D.P.C.

MARK J. EDSALL, P.E., P.P. (NY, NJ & PA)  
MICHAEL W. WEEKS, P.E. (NY, NJ & PA)  
MICHAEL J. LAMOREAUX, P.E. (NY, NJ, PA, VT, VA & CT)  
PATRICK J. HINES  
LYLE R. SHUTE, P.E. LEED-AP (NY, NJ, PA)

Main Office  
33 Airport Center Drive  
Suite 202  
New Windsor, New York 12553

(845) 567-3100  
fax: (845) 567-3232  
e-mail: [mheny@mhepc.com](mailto:mheny@mhepc.com)

Principal Emeritus:  
RICHARD D. McGOEY, P.E. (NY & PA)  
WILLIAM J. HAUSER, P.E. (NY, NJ & PA)

**TOWN OF NEWBURGH  
PLANNING BOARD  
TECHNICAL REVIEW COMMENTS**

**PROJECT: MOZO PROPERTIES SITE PLAN**  
**PROJECT NO.: 16-11 (PREVIOUSLY 15-17)**  
**PROJECT LOCATION: SECTION 34, BLOCK 2, LOT 55**  
**REVIEW DATE: 31 JANUARY 2019**  
**MEETING DATE: 7 FEBRUARY 2019**  
**PROJECT REPRESENTATIVE: TALCOTT ENGINEERING**

1. The Applicants cover letter identifies that the existing subsurface sanitary sewer disposal system on the site has failed. Plans addressing the existing failed system as well as the system proposed to serve the office must be submitted.
2. The Applicant's re-submission letter identifies that stormwater management plans and reports will be forthcoming. Schematic details from a manufacturer have been provided.
3. Compliance with Section 185-30 Outdoor Storage should be documented. "All outdoor storage areas shall be appropriately screened with landscaping as to provide an opaque site barrier at least 8 feet in height. In no case shall material be stored in excess succeed the height of the sight barrier."
4. NYSDOT approval for a commercial driveway access is required.
5. Site lighting should be identified on the plan.
6. Landscaping details should be submitted identifying number of plant species and planting details for the Board's review. The Board should review the adequacy of the proposed screening with regard to outdoor storage. Applicants are apparently proposing landscape screening in lieu of a fence, however the screening is labeled "proposed tress 8 foot sight barrier fence". If no fence is proposed the area should be only identified as a landscape screening.
7. It is recommended that the stone wall along the westerly portion of the storage yard be preserved as a site plan feature to limit access to the Federal Wetland areas located west of the proposed area for activities.

• Regional Office • 111 Wheatfield Drive • Suite 1 • Milford, Pennsylvania 18337 • 570-296-2765 •

8. Details for the proposed gate identified on the plans should be provided. Materials of the gate in conjunction with the outdoor storage screening requirements should be clearly defined.
9. A 30 inch high dry laid field stone wall is proposed along the frontage.

Respectfully submitted,

***McGoey, Hauser and Edsall  
Consulting Engineers, D.P.C.***

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Patrick J. Hines  
Principal

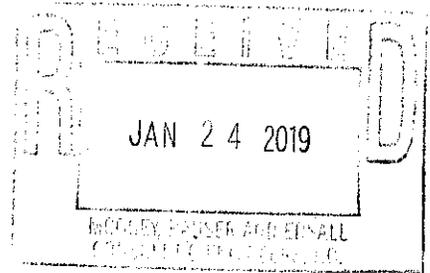
PJH/kbw

# Talcott Engineering DESIGN, PLLC

1 GARDNERTOWN ROAD ~ NEWBURGH, NY 12550  
(845) 569-8400\* ~ (fax) (845) 569-4583

January 24, 2019

Town of Newburgh  
Planning Board  
308 Gardnertown Road  
Newburgh, NY 12550



Attn: John Ewasutyn, Chairman

Re: Resubmission letter  
Town Project No. 2016-11 (was 2015-17)  
Mozo Properties Site Plan  
North Plank Road (NYS RT 32)  
SBL: 34-2-55  
B Zone  
Job No. 16073-MZP

Dear John,

The following is our;

Response to Town of Newburgh Special Workshop on 4/24/2018.

- 1) Topography revised in disturbed area
- 2) Detail of dust free surface in rear added
- 3) Existing septic dye test (failed)
- 4) Additional landscaping added to frontage
- 5) Proposed trees to screen storage area
- 6) Disturbed area directly on the property line of 34-2-54
- 7) Disturbed area reduced, pipe and debris removed
- 8) Limits of disturbance are flagged
- 9) We are currently working with Cultec on a subsurface staged storage system for Stormwater Quantity Control

Attached please find 12 sets of prints. I will FedEx 1 copy to Michael Donnelly, and deliver 1 copy to Pat Hines.

Respectfully yours,

Charles T. Brown, P.E. – President  
Talcott Engineering

Pc: Mozo Properties, Client  
Michael Donnelly  
Pat Hines  
Todd Kelson

**LEGEND**

- PROPERTY LINE EXISTING
- PROPERTY LINE ADJOINING
- - - EXISTING CONTOURS (2')
- - - EXISTING CONTOURS (10')
- - - SETBACKS
- - - SILT FENCE
- FEDERAL WETLANDS
- WATER/POND/STREAM
- UTILITY POLE
- STONEWALL
- ⊕ WELL EXISTING
- ▨ BUILDING EXISTING

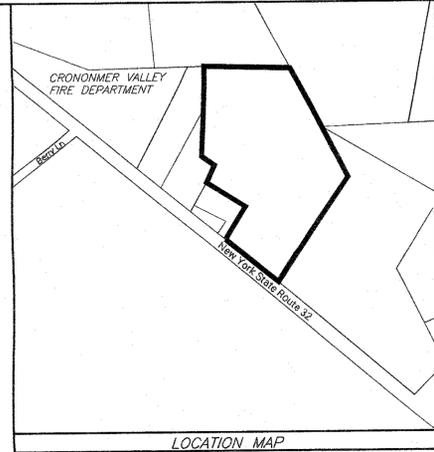
**LOADING SCHEDULE**

ONE: B (D-2)

	REQUIRED	RESIDENCE	OFFICE	STORAGE GARAGE
MINIMUM LOT AREA	15,000SF (0.34AC)	3.0 ACRES	3.0 ACRES	3.0 ACRES
MINIMUM YARDS (feet)				
FRONT	60'	*48.31'	79.52'	>100'
REAR	30'	267'	296'	60.90'
SIDE				
ONE	15'	65.05'	*13.82'	66.19'
BOTH	30'	154.19'	156.17'	204.09'
MINIMUM LOT WIDTH (feet)	100'	179'MIN.	179'MIN.	179'MIN.
MINIMUM LOT DEPTH (feet)	125'	368'MIN.	368'MIN.	368'MIN.
MINIMUM LOT SURFACE COVERAGE (%)	80-85%	60%	60%	60%
MINIMUM HEIGHT (feet)	35'	>35'	>35'	>35'

\* VARIANCE GRANTED 09/23/16

**NORTH PLANK ROAD**  
 ( N.Y.S. ROUTE 32 )



**RECORD OWNER'S CONSENT NOTE:**

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ORANGE, IF SO REQUIRED.

RECORD OWNER'S SIGNATURE: MONICA & JOSE MOZO  
 43 TAFT AVENUE  
 NEWBURGH, NY 12550

CALL BEFORE YOU DIG... IT'S THE LAW

WHETHER YOU'RE LAYING A FOUNDATION FOR A BUILDING OR PLANTING A TREE, YOU MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS - AND COSTLY - TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, 811

**MAP REFERENCE**

- EXISTING FEATURES EXCLUDING PROPERTY LINES, BUILDINGS, DRIVEWAYS AND STONE WALLS ARE PER A SURVEY PERFORMED BY STEVEN P. DRABICK, PLS ENTITLED "MOZO PROPERTIES, LLC" DATED NOVEMBER 13 2014.
- EXISTING FEDERAL WETLANDS FLAGGED BY MICHAEL NOWICKI AND FIELD LOCATED BY TALCOTT DESIGN ON 08/10/17.

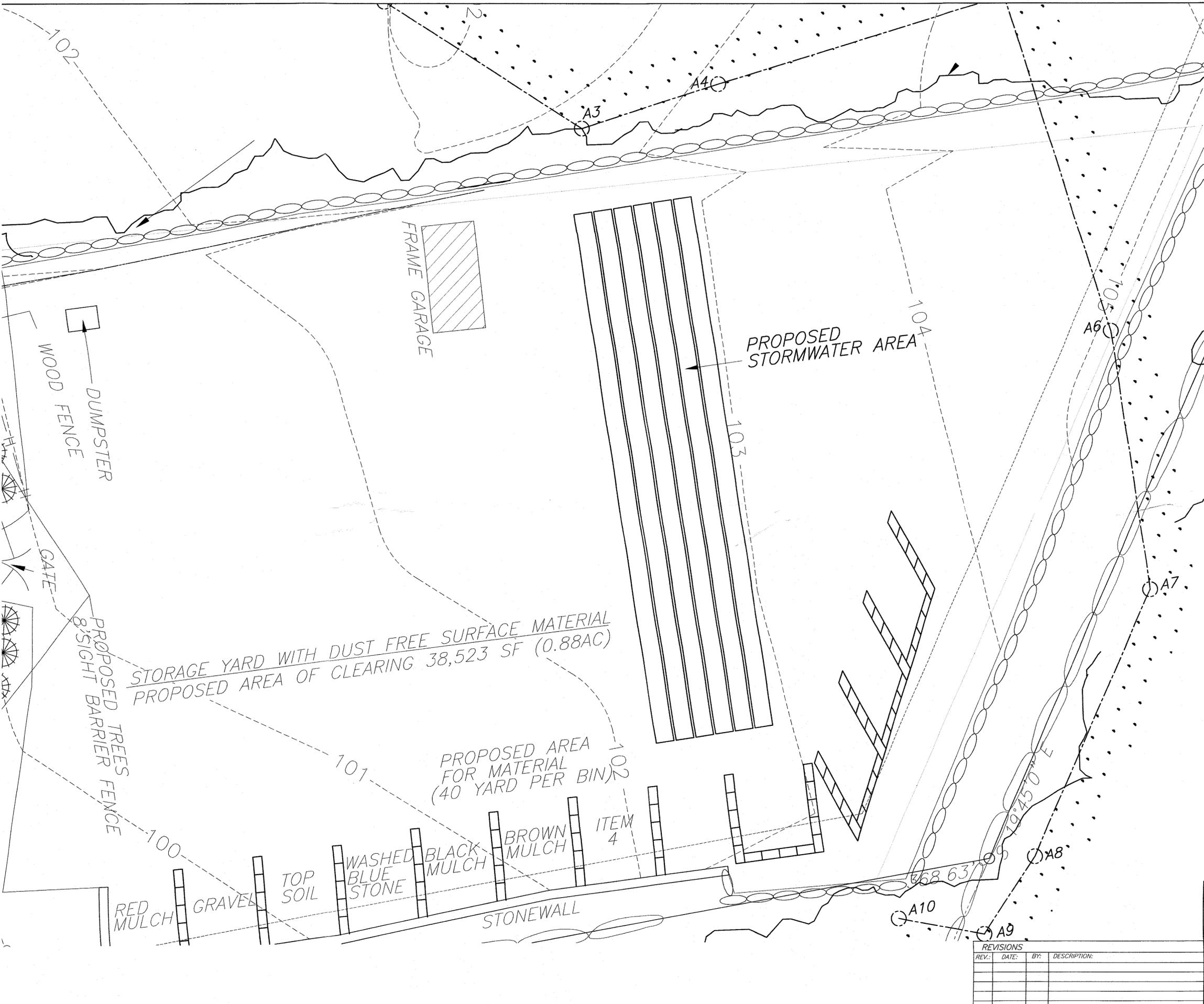
**REVISIONS**

REV.	DATE	BY	DESCRIPTION
5	01/22/19	RBM	REVISED PER TOWN
4	04/03/18	RBM	REVISED PER TOWN
3	08/09/18	RBM	REVISED PER TOWN
3	06/27/17	RBM	REVISED PER TOWN
2	03/22/17	RBM	REVISED PER DOT
1	02/27/17	RBM	REVISED PER DOT

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

ENGINEER	<b>TALCOTT ENGINEERING DESIGN PLLC</b>		
	1 GARDNERTOWN ROAD NEWBURGH, NY 12550 (845)-569-8400 (FAX)(845)-569-4583 TALCOTTDESIGN12@GMAIL.COM		
	<b>SITE PLAN FOR:</b> <b>MOZO PROPERTIES</b> 286 NORTH PLANK ROAD SBL: 34-2-55 TOWN OF NEWBURGH, ORANGE COUNTY, NY		
CHARLES T. BROWN, P.E.	DATE 07/14/16	SCALE 1"=30'	JOB NUMBER 16073-MZP
			SHEET NUMBER 1 OF 5





- LEGEND**
- PROPERTY LINE EXISTING
  - PROPERTY LINE ADJOINING
  - - - EXISTING CONTOURS (2')
  - - - EXISTING CONTOURS (10')
  - - - SETBACKS
  - - - SILT FENCE
  - ▬ FEDERAL WETLANDS
  - - - WATER/POND/STREAM
  - ⊕ UTILITY POLE
  - ▬ STONEWALL
  - ⊕ WELL EXISTING
  - ▨ BUILDING EXISTING

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

	<b>ENGINEER</b>	<b>TALCOTT ENGINEERING DESIGN PLLC</b>
	1 GARDINERTOWN ROAD NEWBURGH, NY 12550 (845)-569-8400 (FAX)(845)-569-4583 TALCOTTDESIGN12@GMAIL.COM	
<b>SITE PLAN FOR:</b> <b>MOZO PROPERTIES</b> 286 NORTH PLANK ROAD SBL: 34-2-55 TOWN OF NEWBURGH, ORANGE COUNTY, NY		
DATE 01/23/19	SCALE 1"=20'	JOB NUMBER 16073-MZP
		SHEET NUMBER 3 OF 5

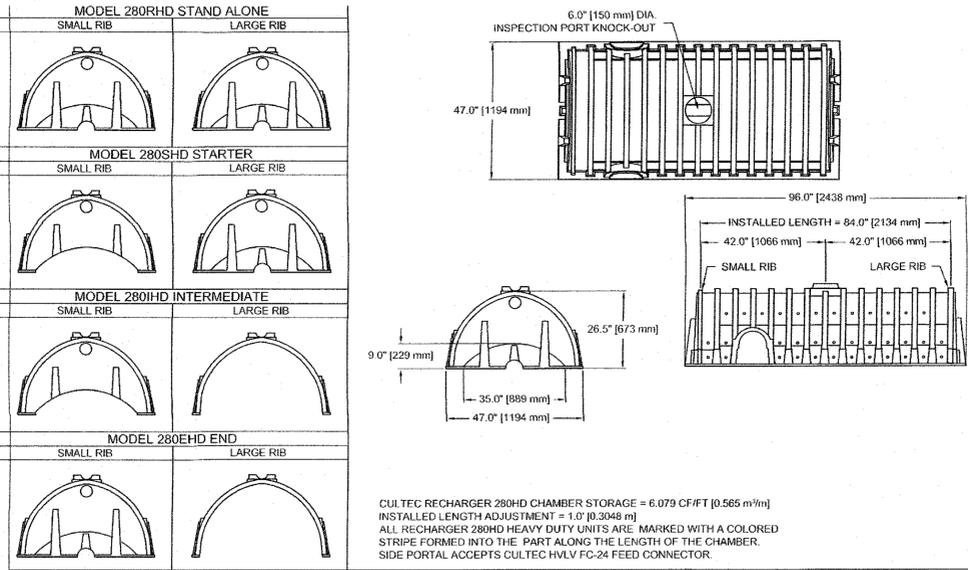
REVISIONS			
REV.	DATE	BY	DESCRIPTION

**CULTEC RECHARGER 280HD SPECIFICATIONS**

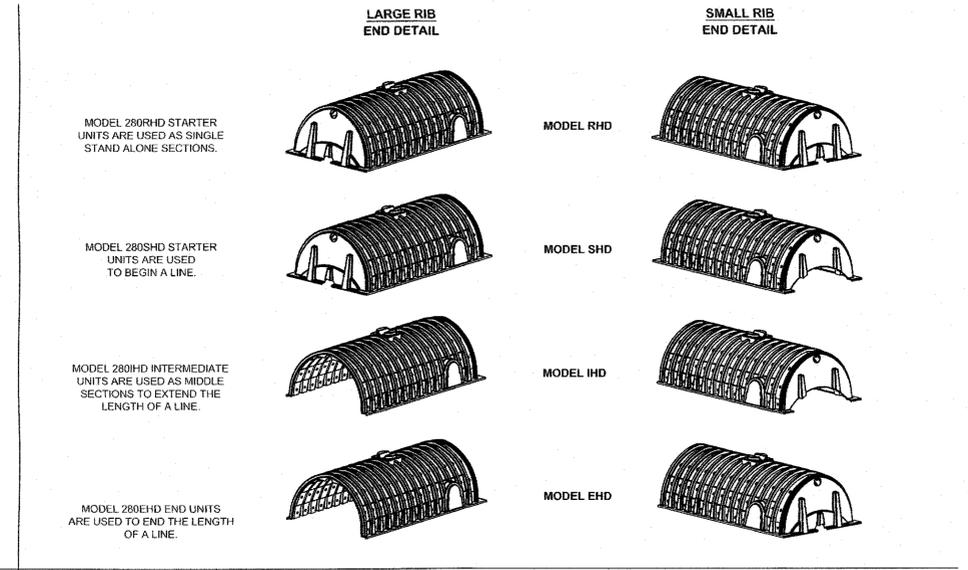
- GENERAL**  
CULTEC RECHARGER 280HD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.
- CHAMBER PARAMETERS**
- THE CHAMBERS WILL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-426-5832)
  - THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
  - THE CHAMBER WILL BE ARCH IN SHAPE.
  - THE CHAMBER WILL BE OPEN BOTTOMED.
  - THE CHAMBER WILL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS OR SEPARATE END WALLS.
  - THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER 280HD SHALL BE 28.5 INCHES (873 mm) TALL, 47 INCHES (1194 mm) WIDE AND 8 FEET (2.44 m) LONG. THE INSTALLED LENGTH OF A JOINED RECHARGER 280HD SHALL BE 7 FEET (2.13 m).
  - MAXIMUM INLET OPENING ON THE CHAMBER ENDWALL IS 21 INCHES (525 mm) HDPE.
  - THE CHAMBER WILL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. NOMINAL INSIDE DIMENSIONS OF THE SIDE PORTAL SHALL HAVE A WIDTH OF 11.25" (286 mm) AND HEIGHT OF 11.5" (292 mm). THE SIDE PORTAL CAN ACCEPT A MAXIMUM OUTER DIAMETER (O.D.) PIPE SIZE OF 12.25 INCHES (311 mm).
  - THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24 INCHES (614 mm) LONG.
  - THE NOMINAL STORAGE VOLUME OF THE RECHARGER 280HD CHAMBER WILL BE 6.079 FT<sup>3</sup> (0.565 m<sup>3</sup>) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF A JOINED RECHARGER 280HD SHALL BE 42.553 FT<sup>3</sup> / UNIT (1.205 m<sup>3</sup> / UNIT) - WITHOUT STONE.
  - THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR WILL BE 0.913 FT<sup>3</sup> (0.085 m<sup>3</sup>) - WITHOUT STONE.
  - THE RECHARGER 280HD CHAMBER WILL SEVENTY-TWO DISCHARGE HOLES BORED INTO THE SIDE WALLS OF THE UNIT'S CORE TO PROMOTE LATERAL CONVEYANCE OF WATER.
  - THE RECHARGER 280HD CHAMBER SHALL HAVE 15 CORRUGATIONS.
  - THE ENDWALL OF THE CHAMBER, WHEN PRESENT, WILL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS UNIT.
  - THE RECHARGER 280HD STAND ALONE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTEGRAL ENDWALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.
  - THE RECHARGER 280SHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 9 INCHES (229 mm) HIGH X 35 INCHES (889 mm) WIDE.
  - THE RECHARGER 280IHD INTERMEDIATE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY OPEN ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 9 INCHES (229 mm) HIGH X 35 INCHES (889 mm) WIDE.
  - THE RECHARGER 280EHD END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR END WALLS.
  - THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT WILL FIT INTO THE SIDE PORTALS OF THE RECHARGER 280HD AND ACT AS CROSS FEED CONNECTIONS.
  - CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.
  - HEAVY DUTY UNITS ARE DESIGNATED BY A COLORED STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
  - THE CHAMBER WILL HAVE A RAISED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.
  - THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION.
  - THE CHAMBER SHALL BE MANUFACTURED IN AN IN AN ISO 9001:2015 CERTIFIED FACILITY
  - THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S INSTALLATION INSTRUCTIONS.
  - MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12 FEET (3.65 m).

**CULTEC HVLV FC-24 FEED CONNECTOR PRODUCT SPECIFICATIONS**

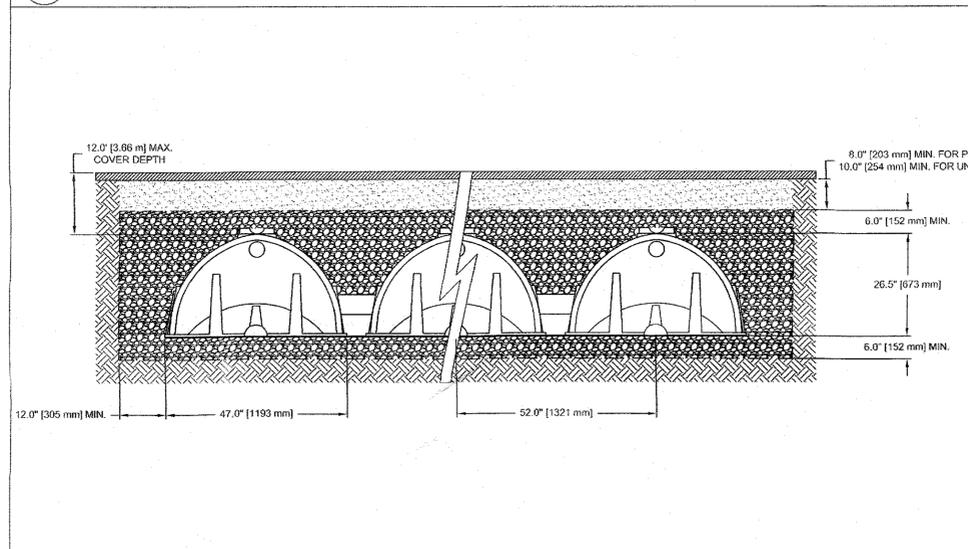
- GENERAL**  
CULTEC HVLV FC-24 FEED CONNECTOR CHAMBERS ARE DESIGNED TO CREATE AN INTERNAL MANIFOLD FOR CULTEC RECHARGER 280HD STORMWATER CHAMBERS.
- CHAMBER PARAMETERS**
- THE CHAMBER SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-426-5832)
  - THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
  - THE CHAMBER WILL BE ARCH IN SHAPE.
  - THE CHAMBER WILL BE OPEN BOTTOMED.
  - THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24 INCHES (614 mm) LONG.
  - THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR WILL BE 0.913 FT<sup>3</sup> (0.085 m<sup>3</sup>) - WITHOUT STONE.
  - THE HVLV FC-24 FEED CONNECTOR CHAMBER SHALL HAVE 2 CORRUGATIONS.
  - THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT WILL FIT INTO THE SIDE PORTALS OF THE RECHARGER 280HD AND ACT AS CROSS FEED CONNECTIONS CREATING AN INTERNAL MANIFOLD.
  - THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S INSTALLATION INSTRUCTIONS.
  - THE CHAMBER SHALL BE MANUFACTURED IN AN IN AN ISO 9001:2015 CERTIFIED FACILITY
- CULTEC NO. 410" NON-WOVEN GEOTEXTILE**  
CULTEC NO. 410" NON-WOVEN GEOTEXTILE MAY BE USED WITH CULTEC CONTACTOR AND RECHARGER STORMWATER INSTALLATIONS TO PROVIDE A BARRIER THAT PREVENTS SOIL INTRUSION INTO THE STONE.
- GEOTEXTILE PARAMETERS**
- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-426-5832)
  - THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
  - THE GEOTEXTILE SHALL HAVE A TYPICAL WEIGHT OF 4.5 OZ/SY (142 G/M<sup>2</sup>).
  - THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 120 LBS (533 N) PER ASTM D4632 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK VALUE OF 50% PER ASTM D4632 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A HULLEN BURST VALUE OF 225 PSI (1551 KPA) PER ASTM D5786 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A PUNCTURE STRENGTH VALUE OF 65 LBS (289 N) PER ASTM D4833 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE VALUE OF 340 LBS (1513 N) PER ASTM D6241 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A TRAPEZOID TEAR VALUE OF 50 LBS (222 N) PER ASTM D4523 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A MOS VALUE OF 70 U.S. SIEVE (0.212 MM) PER ASTM D4751 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A PERMITTIVITY VALUE OF 1.7 SEC-1 PER ASTM D4491 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WATER FLOW RATE VALUE OF 135 GAL/MIN/SQ (5200 LPM/M<sup>2</sup>) PER ASTM D4491 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A UV STABILITY @ 500 HOURS VALUE OF 70% PER ASTM D4355 TESTING METHOD.
- CULTEC NO. 4800" WOVEN GEOTEXTILE**  
CULTEC NO. 4800" WOVEN GEOTEXTILE IS DESIGNED AS A UNDERLAYMENT TO PREVENT SCOURING CAUSED BY WATER MOVEMENT WITHIN THE CULTEC CHAMBERS AND FEED CONNECTORS UTILIZING THE CULTEC MANIFOLD FEATURE. IT MAY ALSO BE USED AS A COMPONENT OF THE CULTEC SEPARATOR ROW TO ACT AS A BARRIER TO PREVENT SOIL/CONTAMINANT INTRUSION INTO THE STONE WHILE ALLOWING FOR MAINTENANCE.
- GEOTEXTILE PARAMETERS**
- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-426-5832)
  - THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
  - THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH OF 550 X 550 LBS (2,488 X 2,488 N) PER ASTM D4632 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK RESISTANCE OF 20 X 20% PER ASTM D4632 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE OF 5,070 X 5,070 LBS/FT (74 X 74 KN/M) PER ASTM D4595 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 2% STRAIN OF 966 X 1,096 LBS/FT (14 X 16 KN/M) PER ASTM D4595 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 5% STRAIN OF 2,740 X 2,740 LBS/FT (44 X 44 KN/M) PER ASTM D4595 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 10% STRAIN OF 4,800 X 4,800 LBS/FT (70 X 70 KN/M) PER ASTM D4595 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE RESISTANCE OF 1,700 LBS (7,500 N) PER ASTM D6241 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR RESISTANCE OF 180 X 180 LBS (801 X 801 N) PER ASTM D4523 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE AN APPARENT OPENING SIZE OF 40 US STD. SIEVE (0.425 MM) PER ASTM D4751 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A PERMITTIVITY RATING OF 0.15 SEC-1 PER ASTM D4491 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A WATER FLOW RATING OF 11.5 GPM/FT<sup>2</sup> (470 LPM/M<sup>2</sup>) PER ASTM D4491 TESTING METHOD.
  - THE GEOTEXTILE SHALL HAVE A UV RESISTANCE OF 80% @ 500 HRS. PER ASTM D4355 TESTING METHOD.



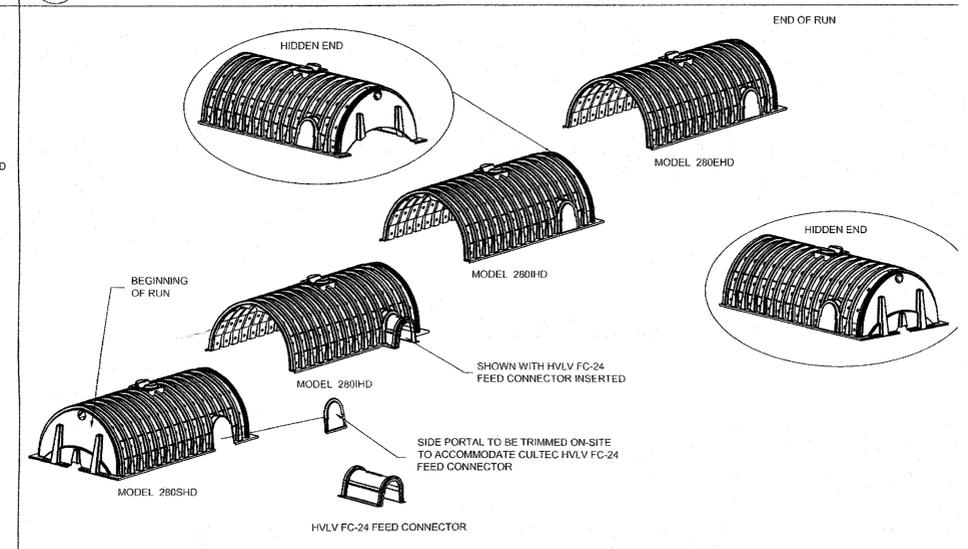
**280HD 2.0 CULTEC RECHARGER 280HD HEAVY DUTY THREE VIEW**



**280HD 3.0 CULTEC RECHARGER 280HD HEAVY DUTY END DETAIL INFORMATION**

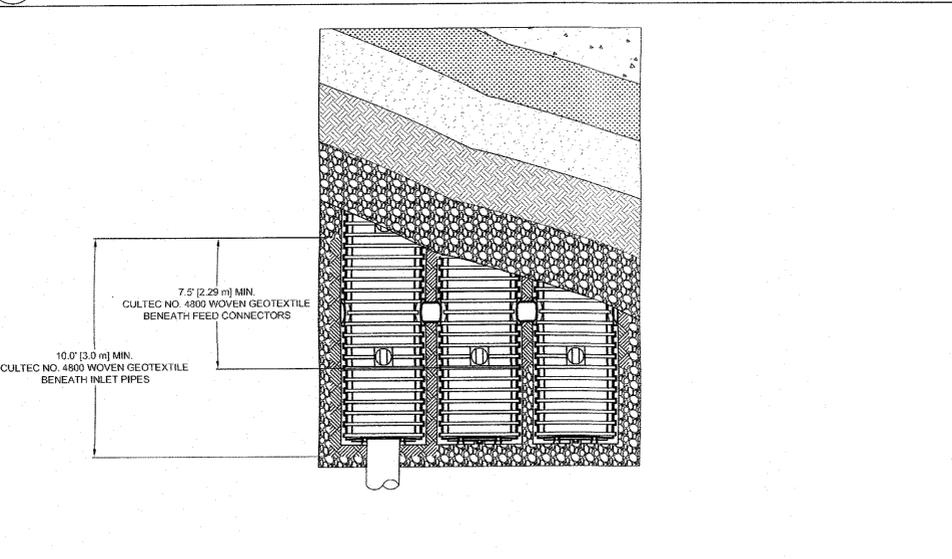


**280HD 4.0 CULTEC RECHARGER 280HD HEAVY DUTY CROSS SECTION**



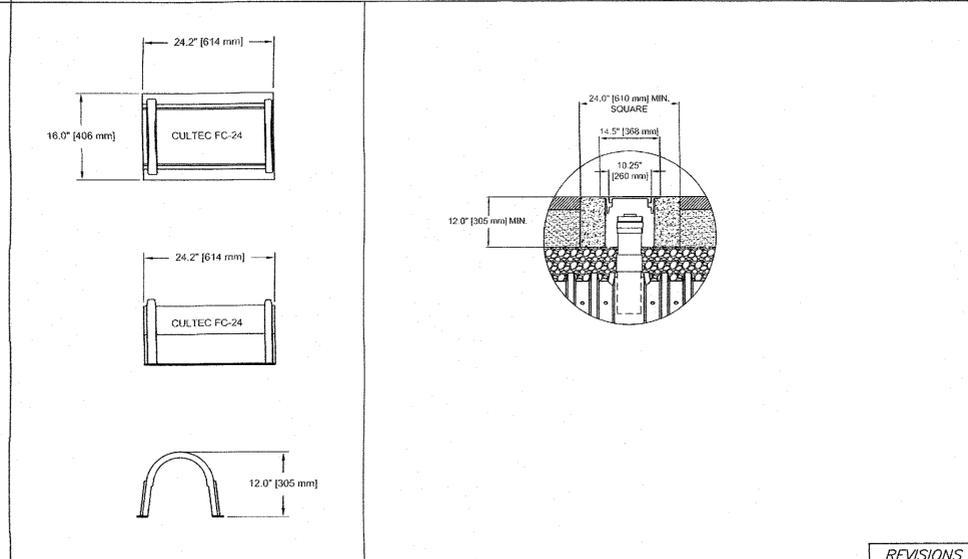
**280HD 5.0 CULTEC RECHARGER 280HD HEAVY DUTY TYPICAL INTERLOCK**

**280HD 1.0 GENERAL NOTES**



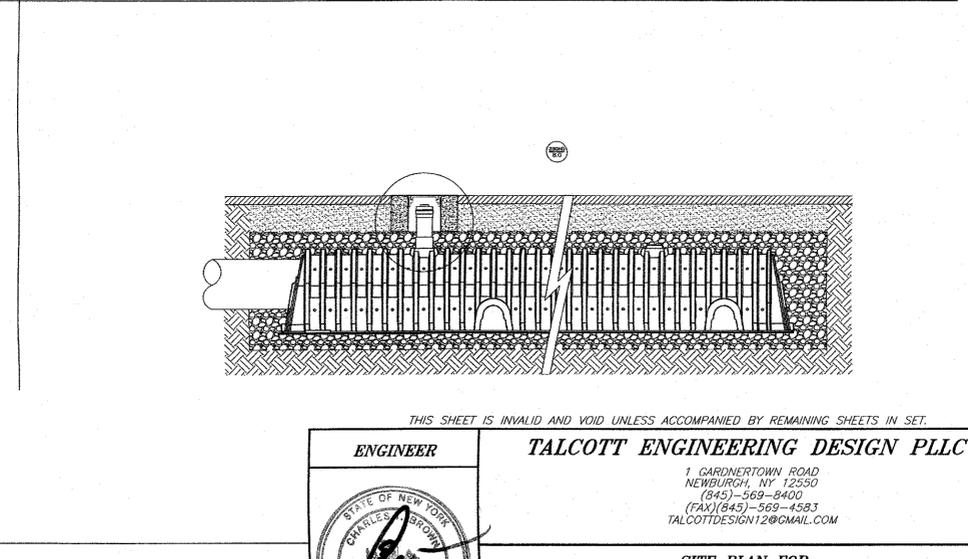
**280HD 6.0 CULTEC RECHARGER 280HD HEAVY DUTY PLAN VIEW**

**280HD 4.0 CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW**



**280HD 7.0 CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW**

**280HD 8.0 OPTIONAL INSPECTION PORT - -**



**280HD 8.0 OPTIONAL INSPECTION PORT - -**

REVISIONS			
REV.	DATE	BY	DESCRIPTION

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

**ENGINEER**

**TALCOTT ENGINEERING DESIGN PLLC**

1 GARDINERTOWN ROAD  
NEWBURGH, NY 12550  
(845)-569-8400  
(FAX) (845)-569-4583  
TALCOTTDESIGN12@GMAIL.COM

**SITE PLAN FOR:**  
**MOZO PROPERTIES**  
286 NORTH PLANK ROAD SBL: 34-2-55  
TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE: 01/23/19 SCALE: 1"=20' JOB NUMBER: 16073-MZP SHEET NUMBER: 4 OF 5

CHARLES T. BROWN, P.E.



- LEGEND**
- PROPERTY LINE EXISTING
  - — — — — PROPERTY LINE ADJOINING
  - - - - - EXISTING CONTOURS (2')
  - - - - - EXISTING CONTOURS (10')
  - # — FEDERAL WETLANDS
  - - - - - WATER/POND/STREAM
  - ⊕ UTILITY POLE
  - — — — — STONEMALL
  - ⊕ WELL EXISTING
  - ▨ BUILDING EXISTING

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

<b>ENGINEER</b>	<b>TALCOTT ENGINEERING DESIGN PLLC</b>		
	1 GARDNERTOWN ROAD NEWBURGH, NY 12550 (845) 569-8400 (FAX) (845) 569-4583 TALCOTTDESIGN12@GMAIL.COM		
<b>SITE PLAN FOR:</b> <b>MOZO PROPERTIES</b> <b>286 NORTH PLANK ROAD SBL: 34-2-55</b> <b>TOWN OF NEWBURGH, ORANGE COUNTY, NY</b>			
DATE	SCALE	JOB NUMBER	SHEET NUMBER
01/23/19	1"=50'	16073-MZP	5 OF 5

REVISIONS			
REV.	DATE	BY	DESCRIPTION

NORTH PLANK ROAD  
 REMAINS OF STONEMALL  
 N.T.S. NOT TO SCALE