Parcel Information:

TAX PARCEL: 41 - 1 - 24.1 AREA: 843.88 ACRES TOWN OF THOMPSON COUNTY OF SULLIVAN

Record Owner:

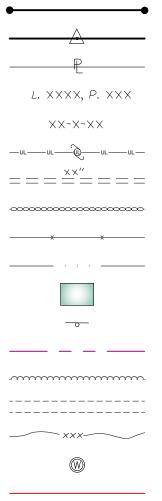
218 HILLTOP, LLC 199 LEE AVENUE, #693 BROOKLYN, NY 11211

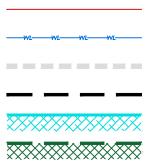
Applicant:

218 HILLTOP, LLC 199 LEE AVENUE. #693 BROOKLYN, NY 11211

Project Engineer:

LAWRENCE MARSHALL, P.E. MERCURIO-NORTON-TAROLLI-MARSHALL (MNTM) ENGINEERING & LAND SURVEYING, P.C. PO BOX 166 - 45 MAIN STREET PINE BUSH, NEW YORK 12566 (845) 744-3620





Legend

PROPERTY LINE & CORNER

SET 5/8" IRON ROAD AT

ADJOINER PROPERTY LINE

TAX PARCEL DESIGNATION

(SECTION - BLOCK - LOT) EXISTING UTILITY POLE & LINE

EXISTING CULVERT & SIZE

APPROXIMATE LOCATION OF

EXISTING BUILDING / STRUCTURE

ZONING MINIMUM SETBACK LINE

PROPERTY CORNER

DEED LIBER, PAGE

STONE WALL

WIRE FENCE

WATERCOURSE

SIGN LOCATION

LIMITS OF TREELINE

WELL LOCATION

UNPAVED DRIVEWAY

EXISTING CONTOUR LINE

EXISTING SEWER LINE APPROXIMATE LOCATION OF

EXISTING WATER LINE

LIMITS OF 100-FT NYSDEC

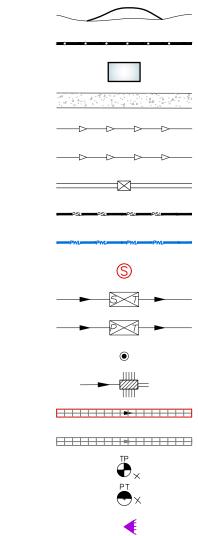
WETLAND BUFFER AREA

NYSDEC WETLAND AREA

FEDERAL WETLAND AREA

APPROXIMATE LOCATION OF

LIMITS OF 100-YEAR FLOODPLAIN



PROPOSED CONTOUR LINE PROPOSED CHAIN LINK FENCE (SEE DETAIL)

PROPOSED STRUCTURE PROPOSED SIDEWALK

PROPOSED CURTAIN DRAIN PROPOSED CURTAIN DRAIN PROPOSED CATCH BASIN É

STORM CULVERT PROPOSED SDR35 SEWER LINE PROPOSED 6" C900 DRIG

WATER LINE PROPOSED SEWER MANHOLE (SEE DETAIL) PROPOSED SEPTIC TANK (SEE DETAIL) PROPOSED EFFLUENT PUMP

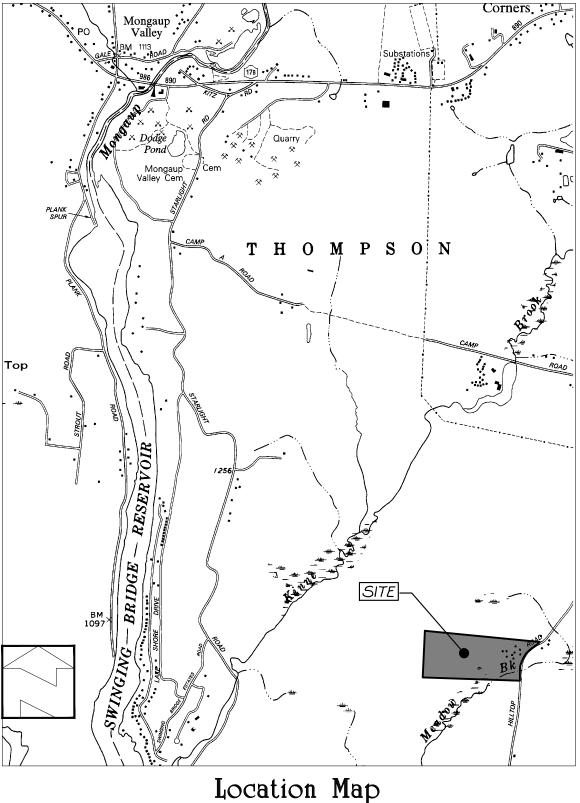
STATION (SEE DETAIL) PROPOSED CLEANOUT

PROPOSED DISTRIBUTION BOX \$ 4" DIA. SOLID WALL PVC PIPE PROPOSED SEWER LATERAL (SEE DETAIL) PROPOSED RESERVE SEWER LATERAL (NOT TO BE INSTALLED TEST PIT LOCATION

PERCOLATION LOCATION PROPOSED WALL-MOUNTED LIGHTING FIXTURE PROPOSED LIMITS OF

DISTURBANCE





SCALE: I'' = 2,000'

Zoning Legend: RR-2

0			
SUMMER CAMP	<u>REQUIRED</u>	<u>EXISTING</u>	<u>PROVIDED</u>
MINIMUM LOT AREA	IO ACRES	43.88 ACRES	43.88 ACRES
MINIMUM LOT WIDTH	400′	>400'	>400'
MINIMUM LOT DEPTH	400'	>400'	>400'
MINIMUM FRONT SETBACK	100'	95.8′	104.3'
MINIMUM REAR SETBACK	50'	-	-
MINIMUM SIDE SETBACK (ONE)	50'	-	-
MINIMUM SIDE SETBACK (BOTH)	100'	_	-
MINIMUM DWELLING AREA	600 S.F.	>600 S.F.	>600 S.F.
DENSITY (UNITS PER ACRE)	2	-	
MAXIMUM LOT COVERAGE	10%	±2.0%	±5.4%
MAXIMUM BUILDING HEIGHT	35′	<35'	<35'





Notes:

I.) THIS MAP IS BASED UPON A MAP ENTITLED "SURVEY MAP OF A 43.88 ACRES IMPROVED PARCEL SITUATE NEAR SACKETT LAKE" PREPARED BY JOHN W. GALLIGAN, PLS DATED JANUARY Z, Z*O*15.

2.) LIMITS OF NYSDEC WETLAND WD-61 AS DELINEATED BY JOHN GALLIGAN, PLS ON JANUARY 2, 2015 AND MOST RECENTLY VALIDATED BY MICHAEL FRAATZ OF NYSDEC ON AUGUST 13, 2019. THE NYSDEC WETLAND VALIDATION REMAINS EFFECTIVE THROUGH AUGUST 13, 2024.

3.) LIMITS OF THE FEDERAL WETLAND AS DELINEATED BY BRUCE FRIEDMANN OF ECOLOGICAL ANALYSIS, LLC ON SEPTEMBER 9, 2019.

4.) LIMITS OF 100-YEAR FLOODPLAIN SHOWN AS PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP (FIRM) FOR THE TOWN OF THOMPSON, COMMUNITY 360830, PANEL 44F, WITH AN EFFECTIVE DATE OF FEBRUARY 18, 2011.

5.) THE SITE SHALL BE OPERATED AS A SUMMER CAMP OPEN FROM MAY I TO OCTOBER I.

6.) THE MAXIMUM OCCUPANCY OF THE CAMP WILL BE: CAMPERS - 250

STAFF & STAFF FAMILY - 354

7.) THERE SHALL BE NO SOUND SYSTEM UTILIZED ON SITE. FUTURE SOUND SYSTEM UTILIZATION -INSTALLATION SHALL BE SUBJECT TO PLANNING BOARD APPROVAL.

8.) BASEMENT OF EXISTING DORMITORY (BUILDING 17) SHALL NOT BE UTILIZED IN ANY MANNER.

9.) THE TOTAL AREA OF DISTURBANCE EXCEEDS 1.0 ACRES. NO MORE THAN 5 ACRES SHALL BE DISTURBED AT ANY ONE TIME. IO.) THE MAXIMUM OCCUPANCY OF THE CAMP WILL BE:

CAMPERS - 250 STAFF É STAFF FAMILY - 354

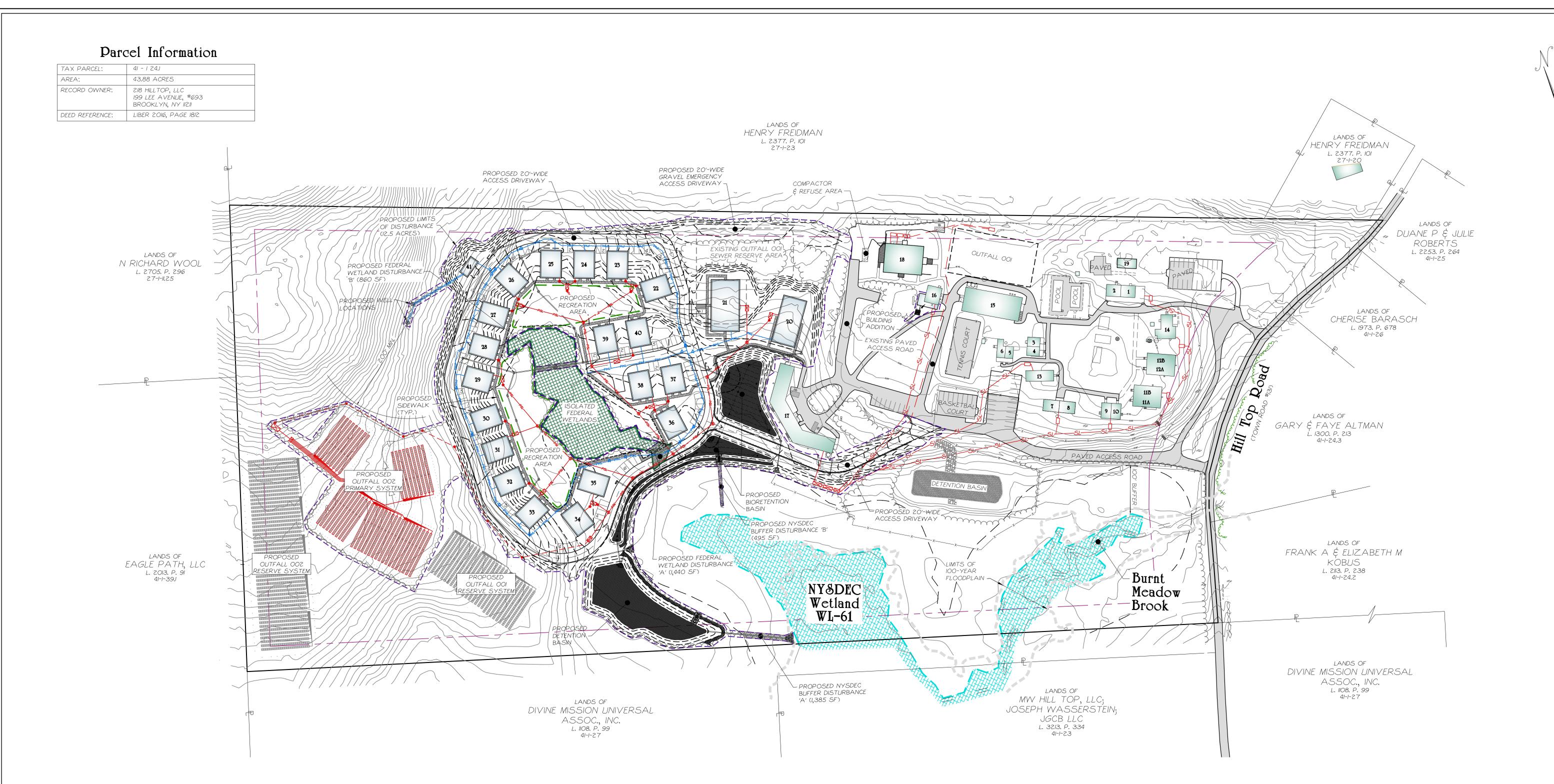
II.) ALL EXTERIOR SITE LIGHTING SHALL BE SHIELDED.

IZ.) ALL EXTERIOR SITE LIGHTING ALONG HILL TOP ROAD INCLUDING BUILDINGS 11A, 11B, 12A, 12B, AND SHALL REMAIN OFF. DURING THE EVENING HOURS, FROM OCTOBER 2 TO APRIL 30. ALL REMAINING LIGHTING SHALL BE EQUIPPED WITH MOTION SENSORS.

13.) ALL BUSES SERVING THE SITE OR THE OCCUPANTS OF THE SITE SHALL ENTER THE SITE TO LOAD OR UNLOAD PASSENGERS. NO LOADING OR UNLOADING OF BUS PASSENGERS IS PERMITTED ON HILL TOP ROAD.

14.) THE SITE IS CURRENTLY RESTRICTED TO HAVING A MAXIMUM OF SIX (6) BUS TRIPS IN THE MORNING AND SIX (6) BUS TRIPS IN THE EVENING.

		REVISION DATE						
SHEET	DESCRIPTION	10-29-19	11-18-19	4-3-20				
1	COVER SHEET			•				
S	PARCEL OVERVIEW & EXISTING CONDITIONS PLAN	•	•	•				
3	PROPOSED DEVELOPMENT PLAN		•	•				
4	SITE PLAN DETAIL - A		•	•				
5	SITE PLAN DETAIL - B		•	•				
6	SITE PLAN DETAIL - C			•				
7	SITE PLAN DETAIL - D		•	•				
8	CONSTRUCTION DETAIL SHEET		•	•				
9	WATER & SEWER DETAIL SHEET I		•	•				
10	WATER & SEWER DETAIL SHEET II			•				
//	WATER & SEWER DETAIL SHEET III			•				
IZ	EROSION É SEDIMENT CONTROL DETAIL SHEET I			•				
13	EROSION & SEDIMENT CONTROL DETAIL SHEET II			•				
14	STORMWATER DETAIL SHEET			•				
15	LANDSCAPING DETAIL SHEET			•				
						Ś	SHEET: 1	/ 15



Existing Building Legend

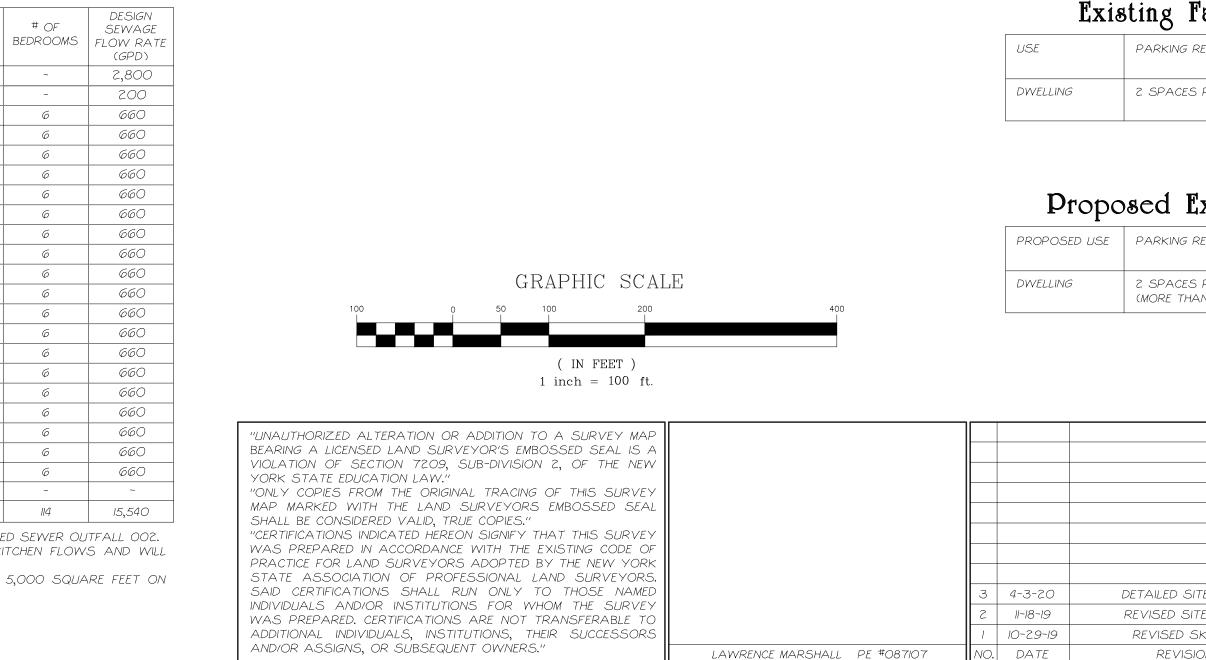
	\mathbf{v}	•			
BLDG #	DESCRIPTION	EXISTING SIZE (SQ.FT.)	PROPOSED SIZE (SQ.FT.)	# OF BEDROOMS	DESIGN SEWAGE FLOW RATE (GPD)
۱ ۲	RECREATION HALL	1,477	1,477	_	200
3	BUNGALOW (STAFF)		1.01	1	150
4	BUNGALOW (STAFF)	1,011	1,011	1	150
5	BUNGALOW (STAFF)	1,011	1,011	1	150
6	BUNGALOW (STAFF)	1,011	1,011	1	150
7	BUNGALOW (STAFF)	1.01		S	300
8	BUNGALOW (STAFF)	1,611	1,611	S	300
9	BUNGALOW (STAFF)	1300	1300	1	150
10	BUNGALOW (STAFF)	1,309	1,309	1	150
∥ А¢́В	DUPLEX (STAFF)	2,576	2,576	6	660
ΙΖ ΑξΒ	DUPLEX (STAFF)	2,576	2,576	6	660
13	RABBI DWELLING	1,292	1292	1	110
14 (3)	OFFICE & CARETAKER (3 BDRM)	1,592	1,592	3	375
15	SHUL	6,037	6,037	-	200
16	MIKVA	1,074	1,703	-	200
17	DORMITORY	7,321	7,321	_	2800
18 (2)	FLOOR 1: KITCHEN - LUNCH ROOM FLOOR 2: CLASSROOMS	4,843	4,843	_	1,800
19	WATER TREATMENT & STORAGE	1,260	1,260	-	-
-	TOTAL EXISTING	34,990	34,990	26	8,505

(1) SEWER FLOWS CURRENTLY DIRECTED TOWARDS OUTFALL OOI. (2) KITCHEN - LUNCH ROOM FLOWS INCLUDE ANTICIPATED WASTEWATER GENERATED FROM CAMPERS STAYING IN BUILDINGS 17 AND 20. (3) THE CARETAKERS RESIDENCE IS OCCUPIED BY 8 EMPLOYEES DURING THE SUMMER CAMP OPERATION.

Proposed Building Legend

BLDG #	DESCRIPTION	PROPOSED FOOTPRINT (DIMENSIONS)	PROPOSED SIZE (SQ.FT.)
20	DORMITORY (2)	50' X 100'	10,000 (3
21	SHUL	60' X 108'	6,480
22	DUPLEX (STAFF)	44' X 58'	2,576
23	DUPLEX (STAFF)	44' X 58'	2,576
24	DUPLEX (STAFF)	44' X 58'	2,576
25	DUPLEX (STAFF)	44' X 58'	2,576
26	DUPLEX (STAFF)	44' X 58'	2,576
27	DUPLEX (STAFF)	44' X 58'	2,576
28	DUPLEX (STAFF)	44' X 58'	2,576
29	DUPLEX (STAFF)	44' X 58'	2,576
30	DUPLEX (STAFF)	44' X 58'	2,576
31	DUPLEX (STAFF)	44' X 58'	2,576
32	DUPLEX (STAFF)	44' X 58'	2,576
33	DUPLEX (STAFF)	44' X 58'	2,576
34	DUPLEX (STAFF)	44' X 58'	2,576
35	DUPLEX (STAFF)	44' X 58'	2,576
36	DUPLEX (STAFF)	44' X 58'	2,576
37	DUPLEX (STAFF)	44' X 58'	2,576
38	DUPLEX (STAFF)	44' X 58'	2,576
39	DUPLEX (STAFF)	44' X 58'	2,576
40	DUPLEX (STAFF)	44' X 58'	2,576
41	WATER TREATMENT & STORAGE	20' X 40'	800
-	TOTAL PROPOSED	-	66,224

(1) SEWER FLOWS PROPOSED TO BE DIRECTED TOWARDS PROPOSED SEWER OUTFALL OO2. (2) ANTICIPATED FLOW RATE DOES NOT INCLUDE 800GPD OF KITCHEN FLOWS AND WILL HAVE TO BE DIRECTED TOWARDS OUTFALL OOI. (3) PROPOSED BUILDING 20 WILL BE A 2-STORY BUILDING WITH 5,000 SQUARE FEET ON EACH FLOOR.



Existing Facility Parking Requirements

	0		
FREQUIREMENT	# OF DWELLING UNITS	SPACES REQUIRED	SPACES PROVIDED
ES PER DWELLING UNIT	13	26	63

Proposed Expansion Parking Requirements

F REQUIREMENT	# OF DWELLING UNITS	SPACES REQUIRED	SPACES PROVIDED
ES PER DWELLING UNIT HAN 2 BEDROOMS)	38	76	76

Federal Wetland Disturbance Table

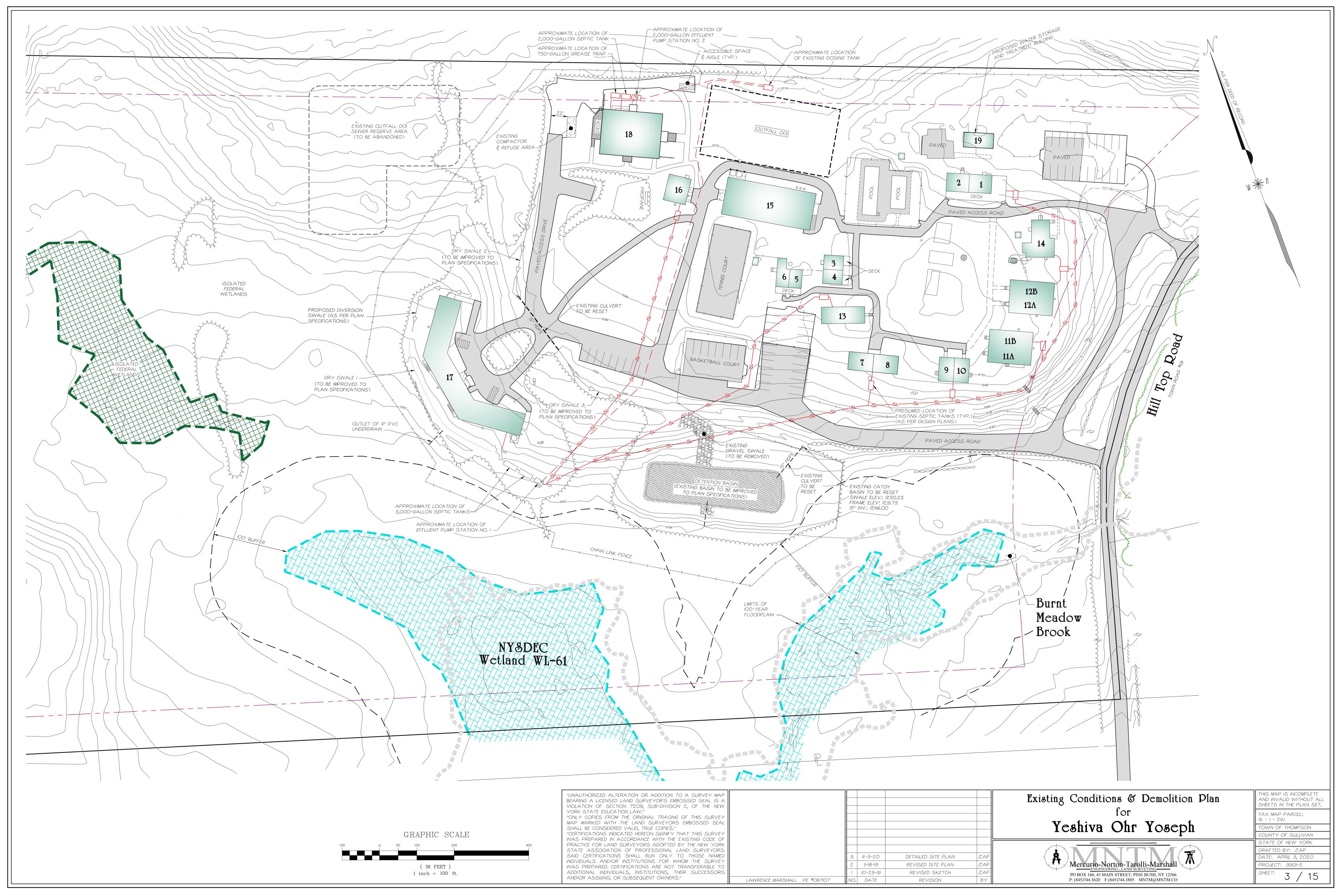
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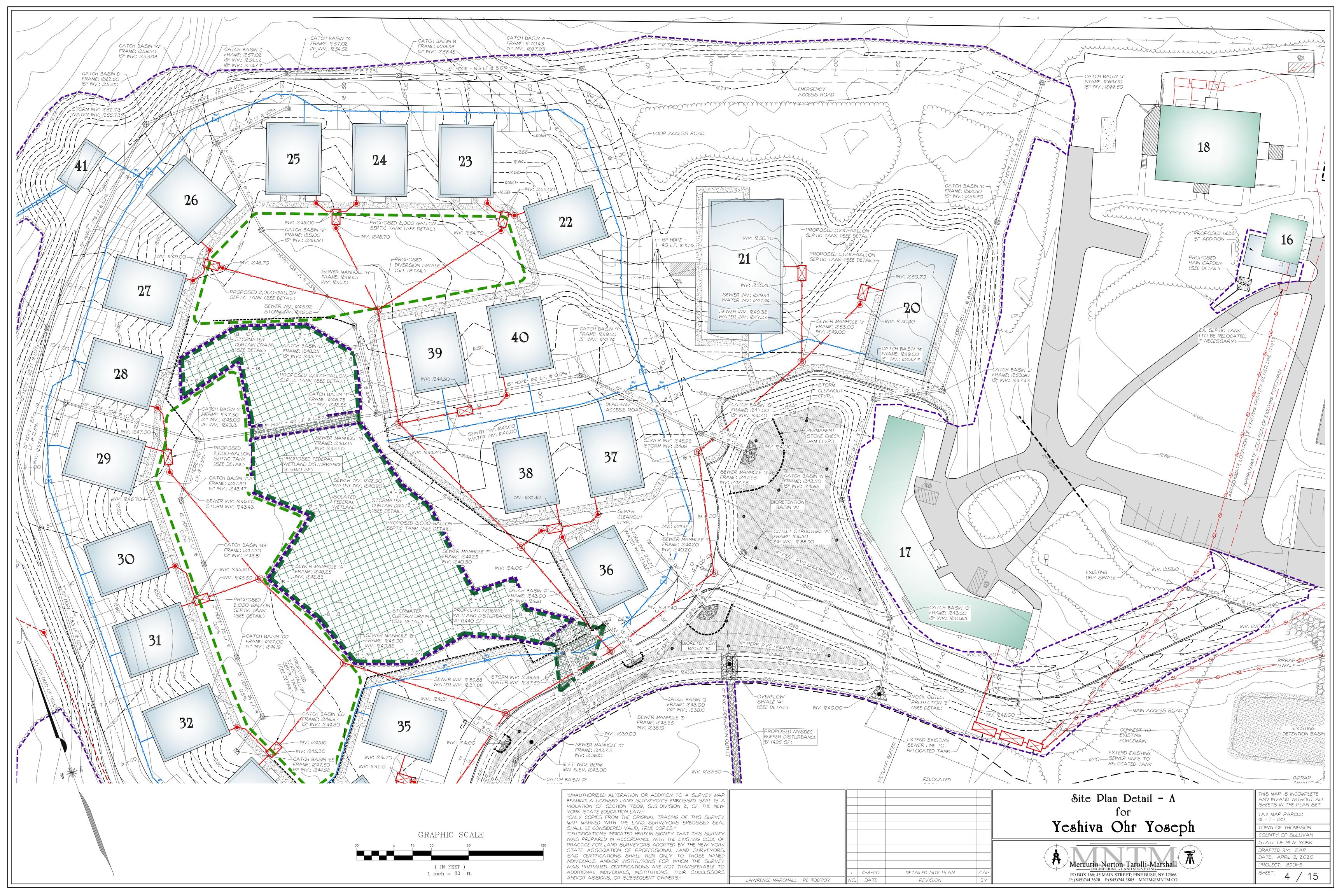
AREA (S.F.)
1,440
860
2,300

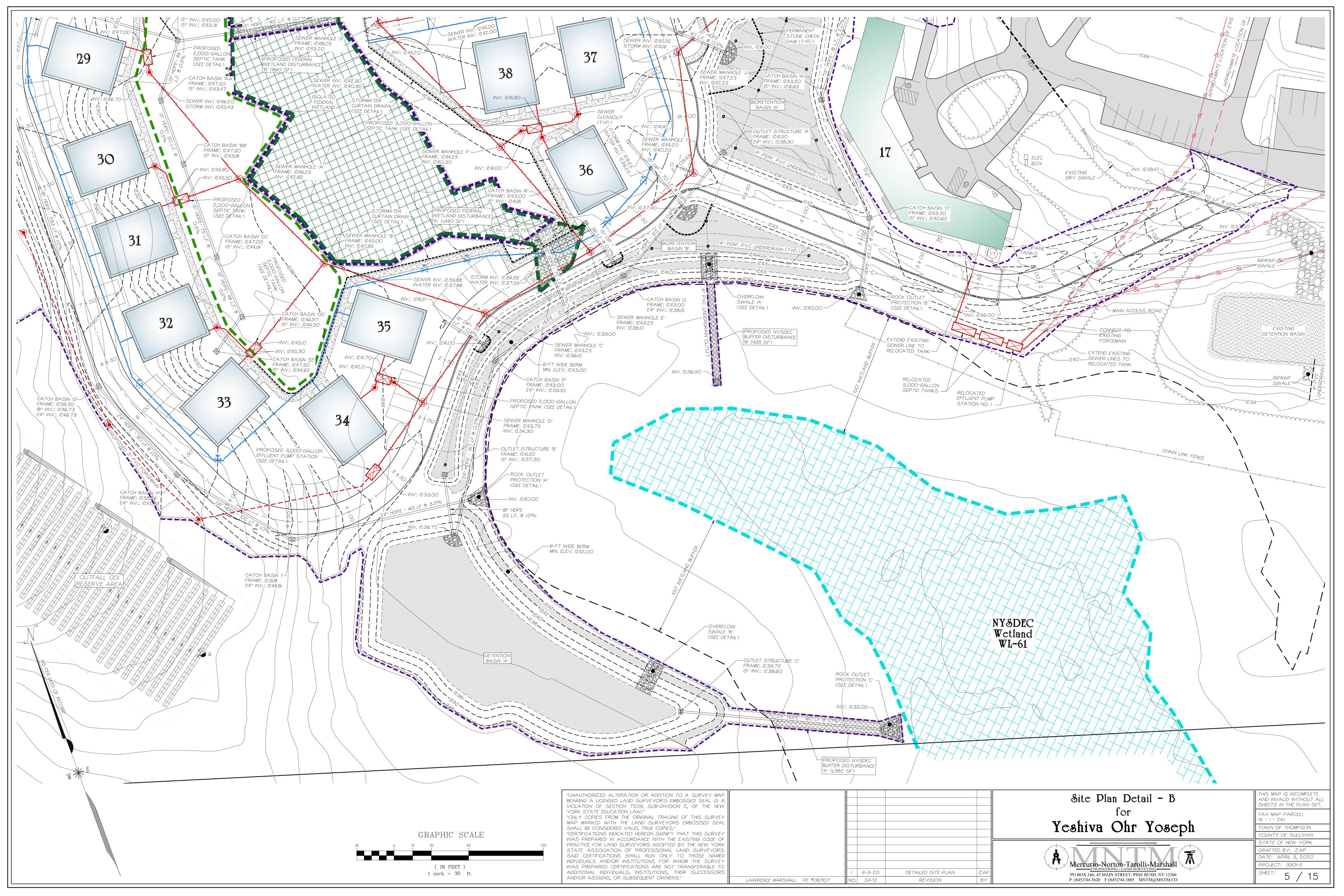
NY&DEC Buffer Disturbance Table

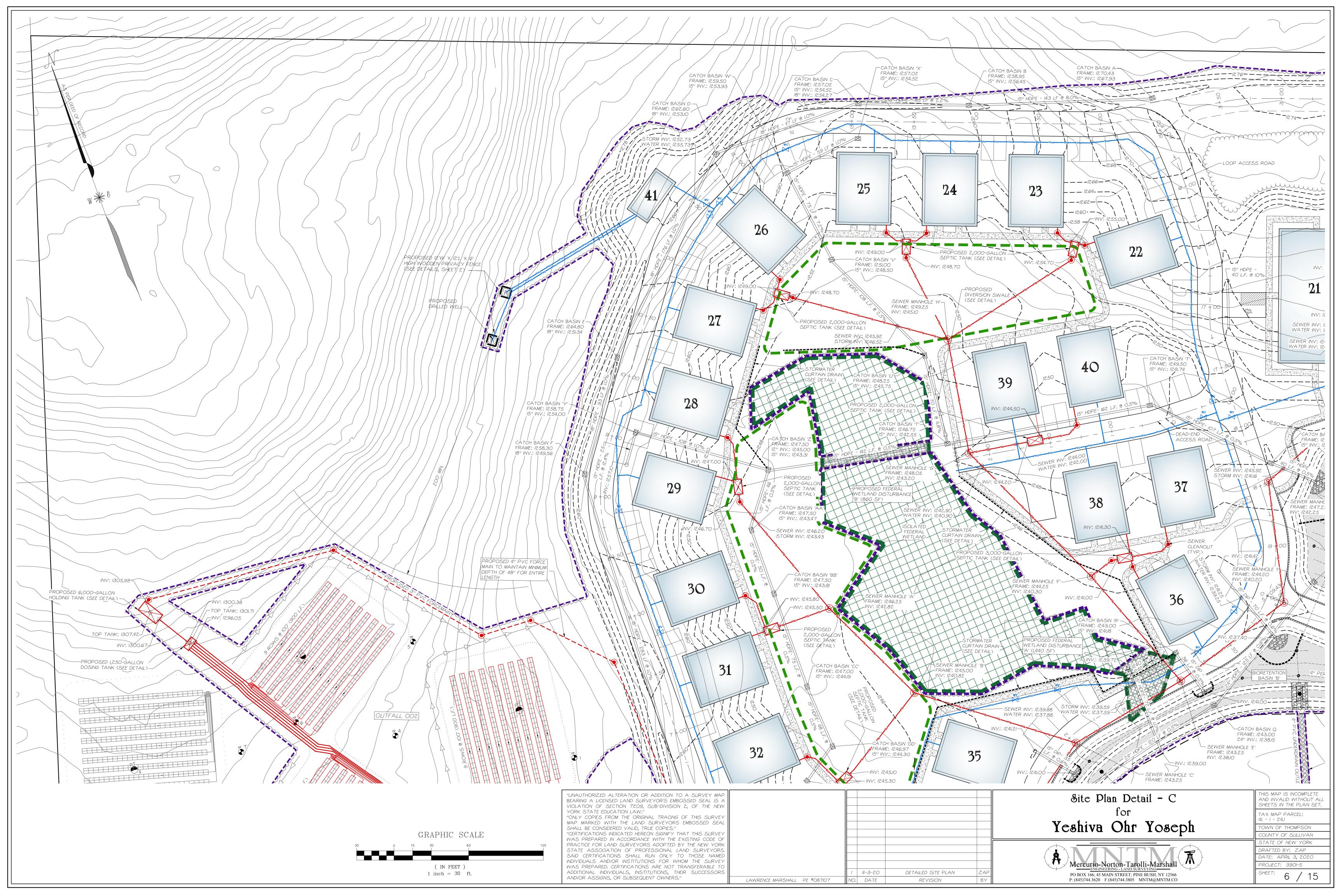
DESIGNATION	AREA (S.F.)
A	1,385
В	495
TOTAL	1,880

		Proposed Development Plan	THIS MAP IS INCOMPLETE AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET.
		for	TAX MAP PARCEL: 41 1 - 24.1
		Yeshiva Ohr Yoseph	TOWN OF THOMPSON
			COUNTY OF SULLIVAN
			STATE OF NEW YORK
			DRAFTED BY: ZAP
TAILED SITE PLAN	ZAP		DATE: APRIL 3, 2020
VISED SITE PLAN	ZAP	× V Y Mercurio-Norton-Larolli-Marshall × V Y	PROJECT: 3901-5
REVISED SKETCH	ZAP	PO BOX 166; 45 MAIN STREET; PINE BUSH, NY 12566	SHEET: 2 / 15
REVISION	ВΥ	P: (845)744.3620 F:(845)744.3805 MNTM@MNTM.CO	

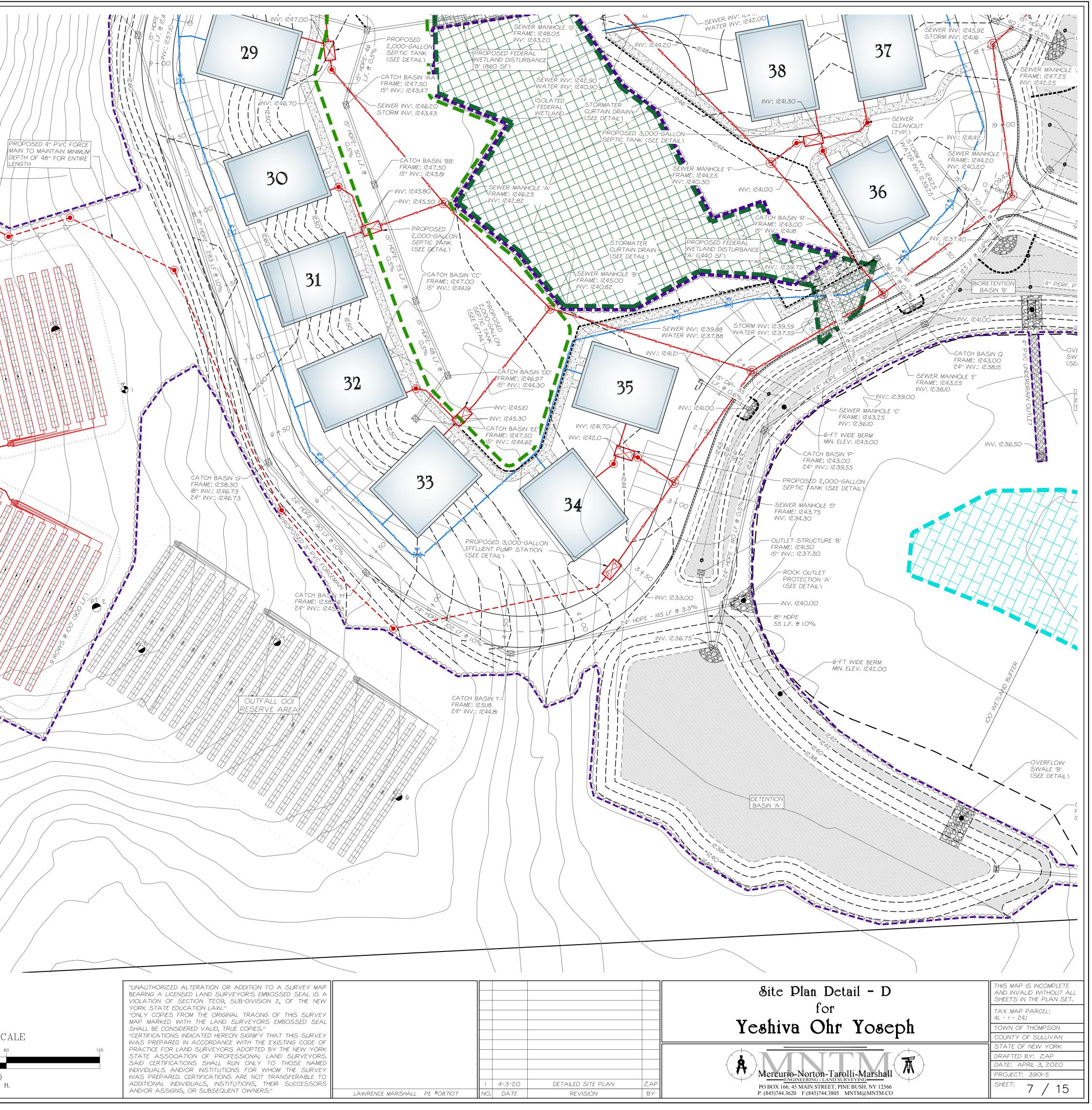


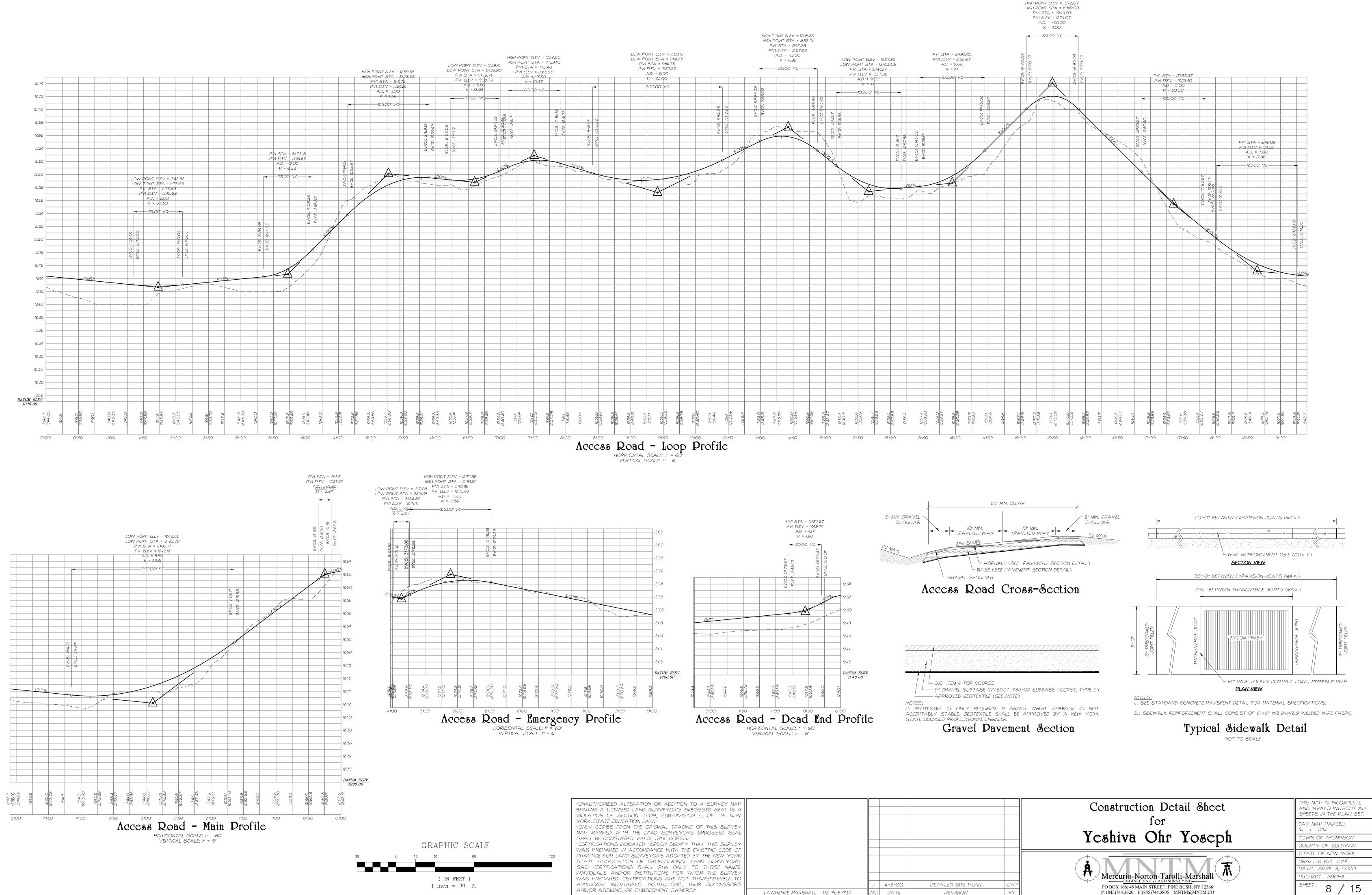






Concernance (Concernance) & INV: 1305.92-PROPOŜED 6,000-GALLON HOLDING TANK (SEE DETAIL) -≠ÍNV: 1300.38 -TOP TÁNK: 1301.71 -INV: 1296.05 TOP TANK: 1307.42-INV: 1300.67 -PROPOSED 1,250-GALLON DOSING TANK (SEE DETAIL) ---OUTFALL OOZ OUTFALL OOZ **.** GRAPHIC SCALE (IN FEET) 1 inch = 30 ft.





LAWRENCE MARSHALL PE #087107

D. DATE

Deep Soils Testing Results

l	0						
TEST HOLE #		2	3	4	5	6	7
TESTING DATE:	9-7-17	9-7-17	9-7-17	9-7-17	9-7-17	9-7-17	9-7-17
TESTER:	RTS						
DEEP TEST SOIL LOG (NO WATER OR ROCK UNLESS SO NOTED)	0'	0'	0'	0'	0'	0'	
NOTES:							

Dencolation Testing Desults

TEST H	HOLE #	1	2	3	4	5	6	7	8	9	10
TESTING DATE: DEPTH / TESTER:		11-14-17	11-14-17	11-14-17	11-14-17	11-14-17	4-6-2020	4-6-2020	4-6-2020	4-6-2020	4-6-2020
		24'' - RTS	24" - RTS	24'' - RTS	24" - RTS	24'' - RTS	12" - RTS	12" - RTS	12" - RTS	14" - RTS	14'' - RTS
SL 4 u	RUN I ELAPSED TIME:	4:46	0:30	1:07	12:35	O:54	3:54	1:27	5:44	0:42	2:58
ON TEST RESULTS 16 completed with a ch & elapsed times 5 in minutes)	RUN 2 ELAPSED TIME:	6:16	0:45	1:20	14:50	1:01	5:05	2:02	7:22	0:51	3:12
ST K NETED APSEI UTES)	RUN 3 ELAPSED TIME:	6:50	0:47	1:42	15:53	1:06	5:30	2:23	7:50	0:59	3:22
)N TE COMF H & EL IN MIN	RUN 4 ELAPSED TIME:		0:54	1:50	16:20			2:30		1:01	
PERCOLATION (all testing co stopwatch \$ are in m	RUN 5 ELAPSED TIME:		0:59							1:02	
RCOL	RUN 6 ELAPSED TIME:		1:01								
Д Д З Л	RUN 7 ELAPSED TIME:										
	STABILIZED RATE:	6.50	1.01	1.50	16.0.0		5.2.0	2.20	7.50	1.00	3:22
	STABILIZED RATE.	6:50	1:01	1:50	16:20	1:06	5:30	2:30	7:50	1:02	3.66
TEST I		6:50 		13	16:20	1	1	1	/:50	1.02	0.22
	HOLE #	6:50 4-6-2020	12 12 4-6-2020	1	1	15 4-7-2020	16 4-7-2020	17 4-7-2020	7:50		3.22
TESTIM	HOLE #	1)	12	13	14	15	16	17			
TESTIN DEPTH	HOLE # NG DATE:	 4-6-2020	12 4-6-2020	13 4-6-2020	14 4-7-2020	15 4-7-2020	16 4-7-2020	17 4-7-2020			
TESTIN DEPTH SILL SILL SILL SILL SILL SILL SILL SIL	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 2'' - RTS	12 4-6-2020 12'' - RTS	13 4-6-2020 12'' - RTS	14 4-7-2020 12'' - RTS	15 4-7-2020 12'' - RTS	16 4-7-2020 12'' - RTS	17 4-7-2020 12'' - RTS			
TESTIN DEPTH STILL	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 12'' - RTS :33	12 4-6-2020 12'' - RTS 5:04	13 4-6-2020 12'' - RTS 1:33	14 4-7-2020 12'' - RTS 2:06	15 4-7-2020 12" - RTS 2:34	16 4-7-2020 12" - RTS 1:06	17 4-7-2020 12" - RTS 0:39			
TESTIN DEPTH SITU SITU SITU	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 2" - RTS :33 :50	12 4-6-2020 12" - RTS 5:04 5:07	13 4-6-2020 12" - RTS 1:33 1:50	14 4-7-2020 12" - RTS 2:06 2:21	15 4-7-2020 12" - RTS 2:34 2:38	16 4-7-2020 12" - RTS 1:06 1:37	17 4-7-2020 12" - RTS 0:39 0:45			
TESTIN DEPTH STILL	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 2" - RTS :33 :50 2:0	12 4-6-2020 12" - RTS 5:04 5:07	13 4-6-2020 12" - RTS 1:33 1:50 2:10	14 4-7-2020 12" - RTS 2:06 2:21	15 4-7-2020 12" - RTS 2:34 2:38	16 4-7-2020 12" - RTS 1:06 1:37 1:52	17 4-7-2020 12" - RTS 0:39 0:45 0:55			
TESTIN DEPTH STILL	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 2" - RTS :33 :50 2:0	12 4-6-2020 12" - RTS 5:04 5:07	13 4-6-2020 12" - RTS 1:33 1:50 2:10	14 4-7-2020 12" - RTS 2:06 2:21	15 4-7-2020 12" - RTS 2:34 2:38	16 4-7-2020 12" - RTS 1:06 1:37 1:52 2:11	17 4-7-2020 12" - RTS 0:39 0:45 0:55 1:01			
LESTIN DEPTH ED TIMES S)	HOLE # NG DATE: / TESTER: ELAPSED TIME: RUN 2	 4-6-2020 2" - RTS :33 :50 2:0	12 4-6-2020 12" - RTS 5:04 5:07	13 4-6-2020 12" - RTS 1:33 1:50 2:10	14 4-7-2020 12" - RTS 2:06 2:21	15 4-7-2020 12" - RTS 2:34 2:38	16 4-7-2020 12" - RTS 1:06 1:37 1:52 2:11	17 4-7-2020 12" - RTS 0:39 0:45 0:55 1:01			

Notes:

FIELD AREA.

I) PIPE JOINTS TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT

2) ALL NON-SOLIDS CARRYING GRAVITY SEWER LINES SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT UNTIL REACHING A PUMP CHAMBER, DISTRIBUTION BOX, DISTRIBUTOR LATERAL, OR TREATMENT LATERAL. 3) SEWAGE DISPOSAL SYSTEMS LOCATED OF NECESSITY UPGRADE IN THE DIRECT PATH OF DRAINAGE TO A

WELL MUST BE SPACED 200' OR MORE AWAY. 4) NO DRIVEWAY, ROADWAY, PARKING AREA OR ABOVE GROUND SWIMMING POOL IS TO BE CONSTRUCTED OVER ANY PORTION OF THE SEWER SYSTEM. HEAVY EQUIPMENT SHALL BE KEPT OUT OF THE ABSORPTION

5) ALL DISTRIBUTOR LINES (PERFORATED) SHALL BE OF EQUAL LENGTH (60' MAX.).

6) ALL TREES TO BE CUT & REMOVED FROM SEWAGE DISPOSAL AREA IN A MANNER THAT WILL NOT DISTURB THE VIRGIN SOIL LAYER.

7) MAXIMUM GROUND SLOPE OF TILE FIELD AREA SHALL NOT EXCEED 15%.

TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.

8) NO BASEMENT FIXTURES ARE PERMITTED WITHOUT A SPECIAL DESIGN FOR SEWAGE DISPOSAL

9) NO COMPONENT PART OF ANY SEWAGE DISPOSAL SYSTEM SHALL BE LOCATED OR MAINTAINED WITHIN 100' OF ANY SPRING, RESERVOIR, BROOK, MARSH OR ANY OTHER BODY OF WATER.

10) NO ROOF, CELLAR OR FOOTING DRAINS ARE TO BE DISCHARGED IN THE SEWAGE DISPOSAL SYSTEM. I) SPEED LEVELERS SHALL BE USED FOR SYSTEMS WHOSE SIDE SLOPES ARE BETWEEN 10-15% AND ARE RECOMMENDED FOR ALL SYSTEMS.

IZ) SLOPE BETWEEN SEPTIC TANK OR PUMPING CHAMBER AND THE HOUSE SHALL BE POSITIVE AND UNINTERRUPTED, AS TO ALLOW SEPTIC GASSES TO DISCHARGE THROUGH THE STACK VENT. 13) HOUSE SEWER PIPE RUNNING FROM THE HOUSE TO THE SEPTIC TANK MUST BE LAID ON SUITABLY COMPACTED

EARTH OR VIRGIN SOIL WITH THE FIRST WATERTIGHT JOINT LOCATED AT LEAST 3' FROM THE HOUSE. 14.) A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPARTMENT) SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE DWELLING, THE ENGINEER SHALL CERTIFY TO THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC

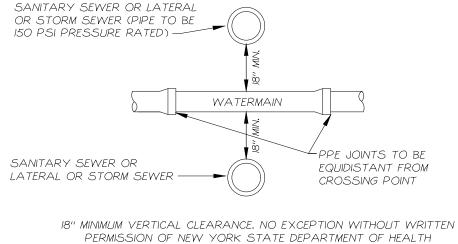


IO' MINIMUM LATERAL SEPARATION. NO EXCEPTION WITHOUT WRITTEN PERMISSION OF NEW YORK STATE DEPARTMENT OF HEALTH

Parallel Sanitary Sewer / Storm Sewer Watermain Installation

NOT TO SCALE

PPF JOINTS TO BF



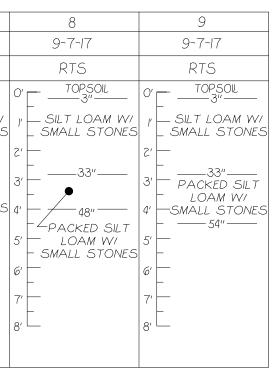
Storm / Sanitary Sewer-Watermain Crossing

Sewage Disposal System Requirements

SYSTEM	DESIGN FLOW RATE (I)	TYPE OF SYSTEM (2)	DESIGN STABILIZED PERCOLATION RATE (MIN.)	MIN. LENGTH OF ABSORPTION TRENCH (L.F.)	PROPOSED LENGTH OF ABSORPTION TRENCH (L.F.)	SEWAGE DISPOSAL SYSTEM DESIGN
PRIMARY	16,200	S.E.I.D.	21 - 30	4,500	4,500	5 SYSTEMS - 9 ROWS @ 100 L.F.
RESERVE	16,200	S.E.I.D.	21 - 30	4,500	4,500	5 SYSTEMS - 9 ROWS @ 100 L.F.

(1) DESIGN FLOW RATE HAS BEEN MAXIMIZED BASED UPON THE PROPOSED SYSTEM SIZE. THE PROPOSED FACILITIES SHOWN HEREON HAVE AN ANTICIPATED FLOW RATE OF 15,540 GPD.

(2) S.E.I.D.= SHALLOW "ELJEN" IN-DRAIN ABSORPTION TRENCH SYSTEM (PRIMARY AND RESERVE)



FEATURES	SEPTIC TANK	SEWER LINE	ABSORPTION FIELDS
DRILLED WELL (PUBLIC WATER SUPPLY)	100'	50'	200′
DRILLED WELL (PRIVATE WATER SUPPLY)	50'	50'	100' (A) (B)
WATERLINE (PRESSURE)	10'	10' (C)	10'
WATERLINE (SUCTION)	50'	50'	100'
DUG WELL / SPRING	75'	50'	<i>150</i> ′(B)
SURFACE WATER	50'	25'	100'
RESERVOIR (PRIVATE WATER SUPPLY)	50' (D)	50 (A)	100' (D)
RESERVOIR (PUBLIC WATER SUPPLY)	50' (D)	50 (A)	100' (D)
OPEN DRAINAGE DIVERSION	25'	25'	50' (D)
STORMWATER MANAGEMENT - INFILTRATION	25'	25'	50'
STORMWATER MANAGEMENT - SURFACE DISCHARGE	50'	25'	100'
CULVERT (TIGHT PIPE)	25'	10'	35′
CULVERT OPENING	25'	25'	50'
CATCH BASIN	25'		50'
SWIMMING POOL (IN-GROUND)	20'	10'	35′
FOUNDATION	10'		20'
PROPERTY LINE	10'	10'	10'
TOP OF EMBANKMENT / STEEP SLOPE	25'	25'	50'
WETLAND (NYSDEC)	100'	100'	100'

(A) IF THE ABSORPTION FIELD IS LOCATED IN GRAVEL SOILS, THEN 200; SEPARATION.

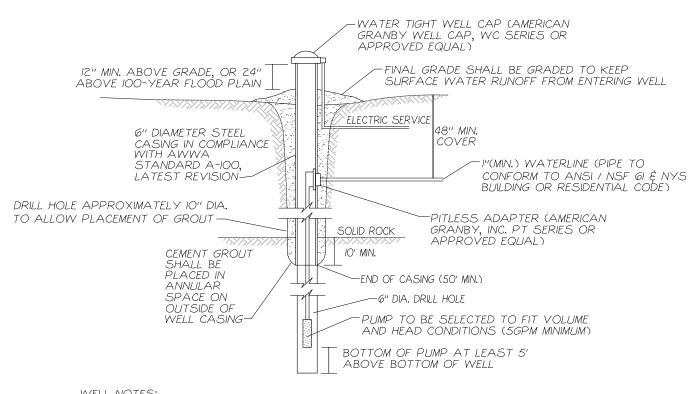
(B) WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UP-GRADIENT AND IN THE DIRECT PATH OF SURFACE RUNOFF TO A WELL, THE CLOSEST PART OF THE SYSTEM SHOULD BE AT LEAST 200' AWAY FROM THE WELL. (C)WATER (PRESSURE) AND SEWER LINES MAY BE IN THE SAME TRENCH OF WATER LINE IS PLACED ON AN UNDISTURBED BENCH OR SHELF SO THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18" HIGHER THAN THE TOP OF THE SEWER MAIN, AND THE SEWER MAIN IS NOT SUBJECT TO SETTLING, VIBRATION, SUPERIMPOSED LOADS, OR FROST ACTION.

(C) IF BOTTOM OF DRAIN IS ABOVE FINISHED GRADE AT LEACHING FACILITY; OTHERWISE 50'.

(D) REFER TO LOCAL WATERSHED RULES AND REGULATIONS FOR POSSIBLE SUPERSEDING SPECIFICATIONS. (F) FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF THE SLOPE OF THE FILL.

Minimum Separation Distances From Existing Or Proposed Features

AS PER NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION "DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS", PUBLISHED MARCH 5, 2014

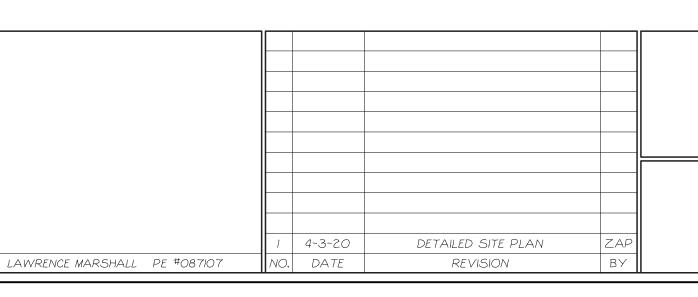


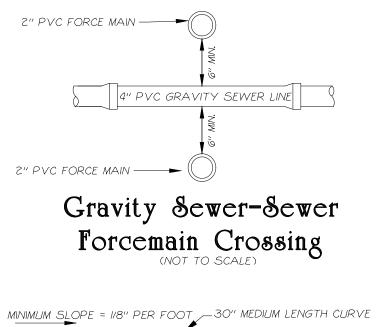
WELL NOTES: I.) WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH TABLE 2 OF THE N.Y.S. DEPARTMENT OF HEALTH APPENDIX 5-B "STANDARDS FOR WATER WELLS." 2.) THE WELL CAP MUST BE A MINIMUM OF 2 FEET ABOVE THE 100 YEAR FLOOD ELEVATION.

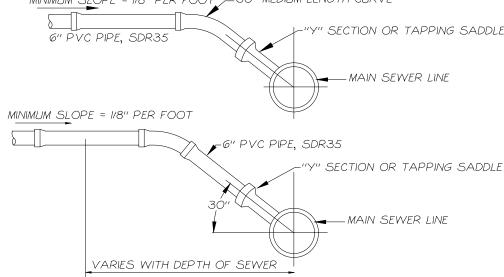
Well Detail

Septic Tank Sizing Requirements

_		•		
BUILDING NUMBER	BUILDING USE	ANTICIPATED FLOW RATE (GALLONS PER DAY)	MIN. SEPTIC TANK SIZE (GALLONS)	
20	DORMITORY	2,800	5,000 HD	
21	SHUL	200	1,000	
22-23	DUPLEX (STAFF)	1,320	2,000	
24-25	DUPLEX (STAFF)	1,320	2,000	
26-27	DUPLEX (STAFF)	1,320	2,000	
28-29	DUPLEX (STAFF)	1,320	2,000	
30-31	DUPLEX (STAFF)	1,320	2,000	
32-33	DUPLEX (STAFF)	1,320	2,000	
34-35	DUPLEX (STAFF)	1,320	2,000	
36-37-38	DUPLEX (STAFF)	1,320	2,000	
39-40	DUPLEX (STAFF)	1,980	3,000	
(1) TANK SIZING BASED UPON 1.5 X DAILY FLOW RATE (2) HD = HEAVY DUTY SEPTIC TANK				



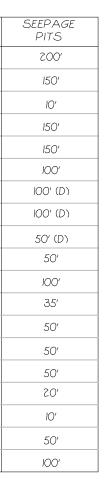


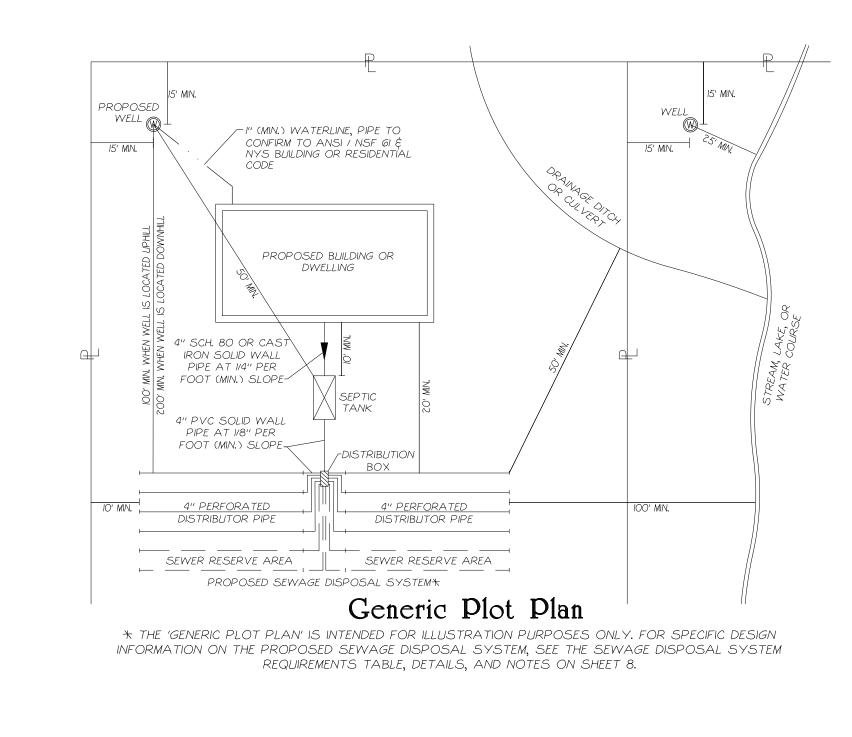


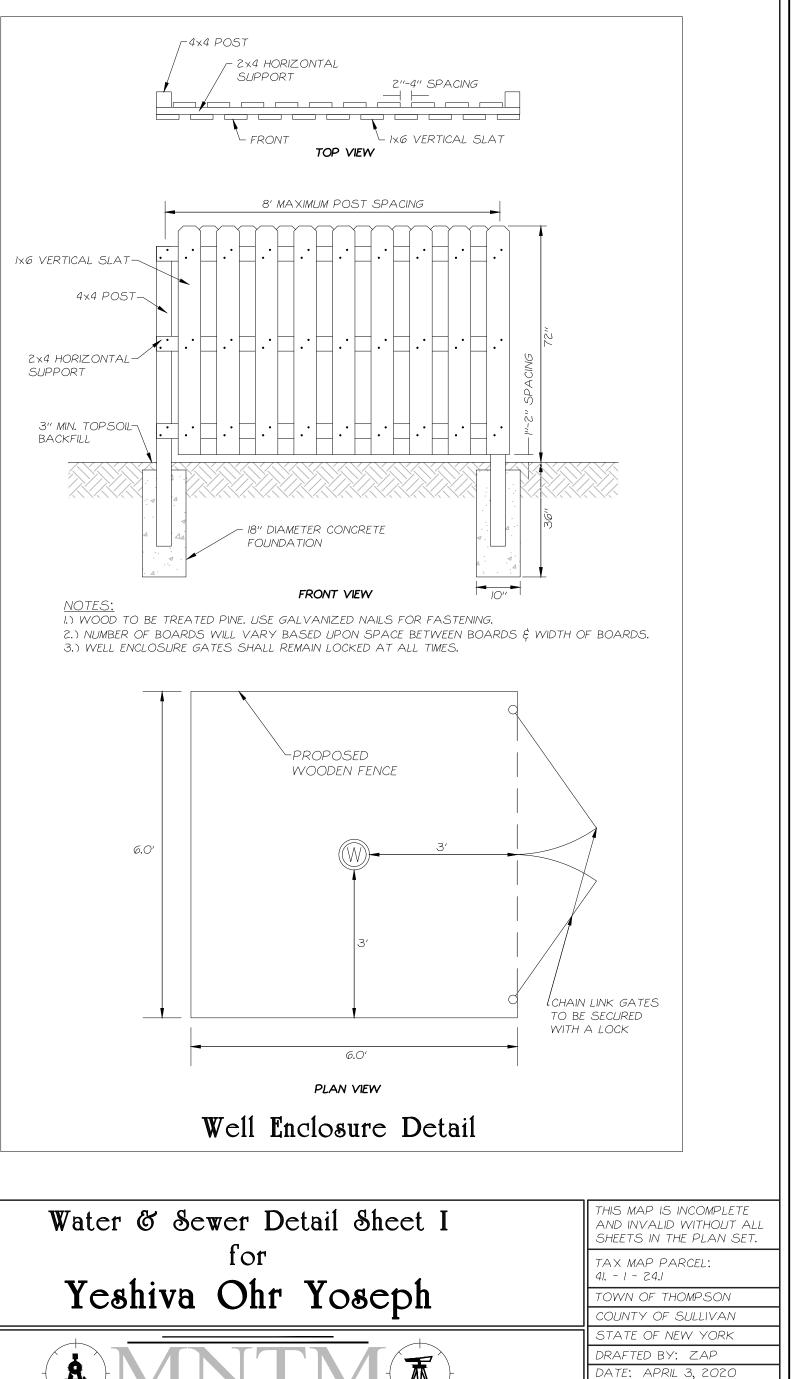
Alternate Lateral Connections

'UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW." "ONLY COPIES FROM THE ORIGINAL TRACING OF THIS SURVEY MAP MARKED WITH THE LAND SURVEYORS EMBOSSED SEAL SHALL BE CONSIDERED VALID, TRUE COPIES." "CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THOSE NAMED INDIVIDUALS AND/OR INSTITUTIONS FOR WHOM THE SURVEY WAS PREPARED. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INDIVIDUALS, INSTITUTIONS, THEIR SUCCESSORS

AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."







PROJECT: 3901-5

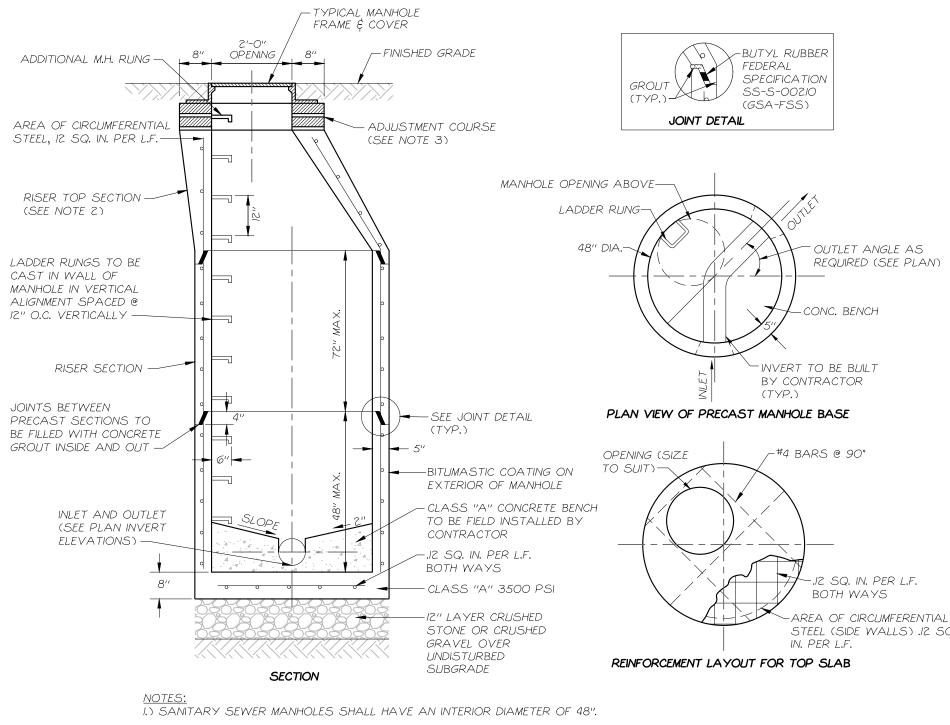
1 ^{Sheet:} 9 / 15

Mercurio-Norton-Tarolli

PO BOX 166; 45 MAIN STREET; PINE BUSH, NY 12566

P: (845)744.3620 F: (845)744.3805 MNTM@MNTM.CO

-Marshal



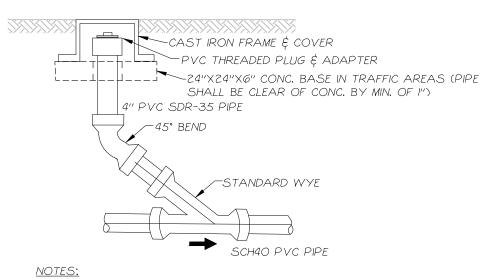
2.) FOR DEPTHS LESS THAN 84", UTILIZE A FLAT SLAB TOP SECTION. A CONE SECTION TOP SHALL BE UTILIZED WHEN FRAME TO INVERT ELEVATION EXCEEDS 84".

3.) UTILIZE CONCRETE BRICK COURSE TO ADJUST FRAME TO FINAL GRADE AND SLOPE (NOT TO EXCEED 12"). 4.) SANITARY SEWER MANHOLE COVERS SHALL BE SPECIFIED TO READ "SANITARY SEWER".

5.) ALL PIPE JOINTS SHALL BE WATERTIGHT, SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.

6.) ALL PRECAST CONSTRUCTION JOINTS SHALL WATERTIGHT, BE SEALED WITH BUTYL RUBBER CEMENT OR EQUIVALENT.

Sanitary Sewer Manhole Details NOT TO SCALE

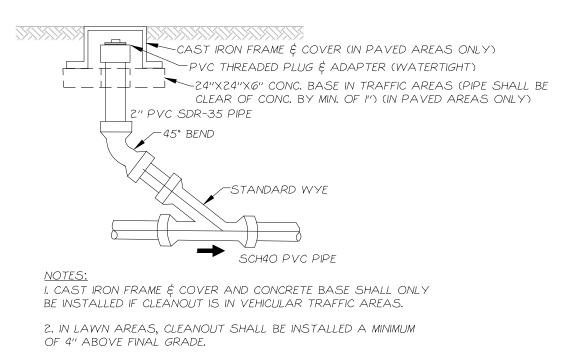


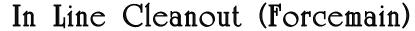
I. CAST IRON FRAME ξ COVER AND CONCRETE BASE SHALL ONLY BE INSTALLED IF CLEANOUT IS IN VEHICULAR TRAFFIC AREAS. 2. IN LAWN AREAS, CLEANOUT SHALL BE INSTALLED A MINIMUM OF 4" ABOVE FINAL GRADE.

In Line Cleanout (Gravity)

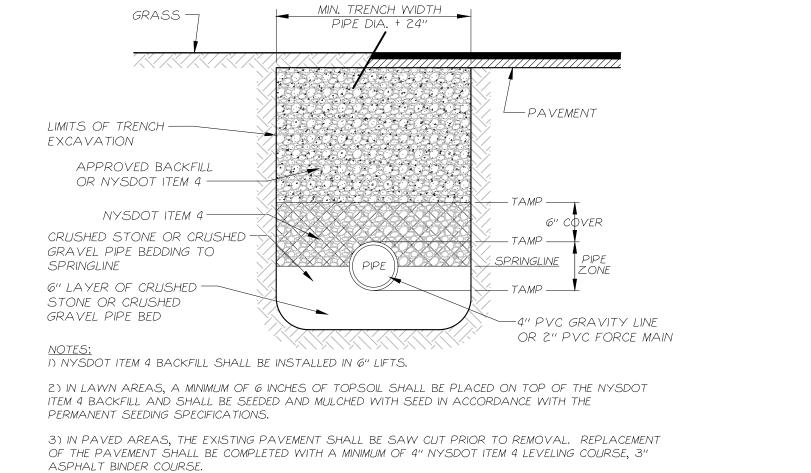
REQUIRED (SEE PLAN)

STEEL (SIDE WALLS) .12 SQ.

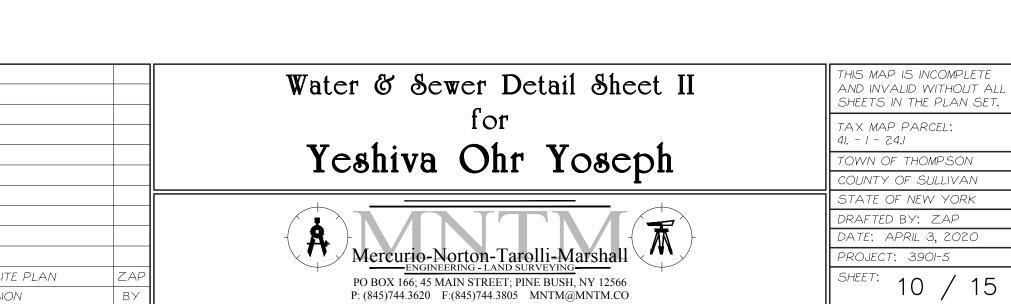




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AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."	LAWRENCE MARSHALL PE #087107	NO,	DATE	REVISIC



Typical Trench Detail

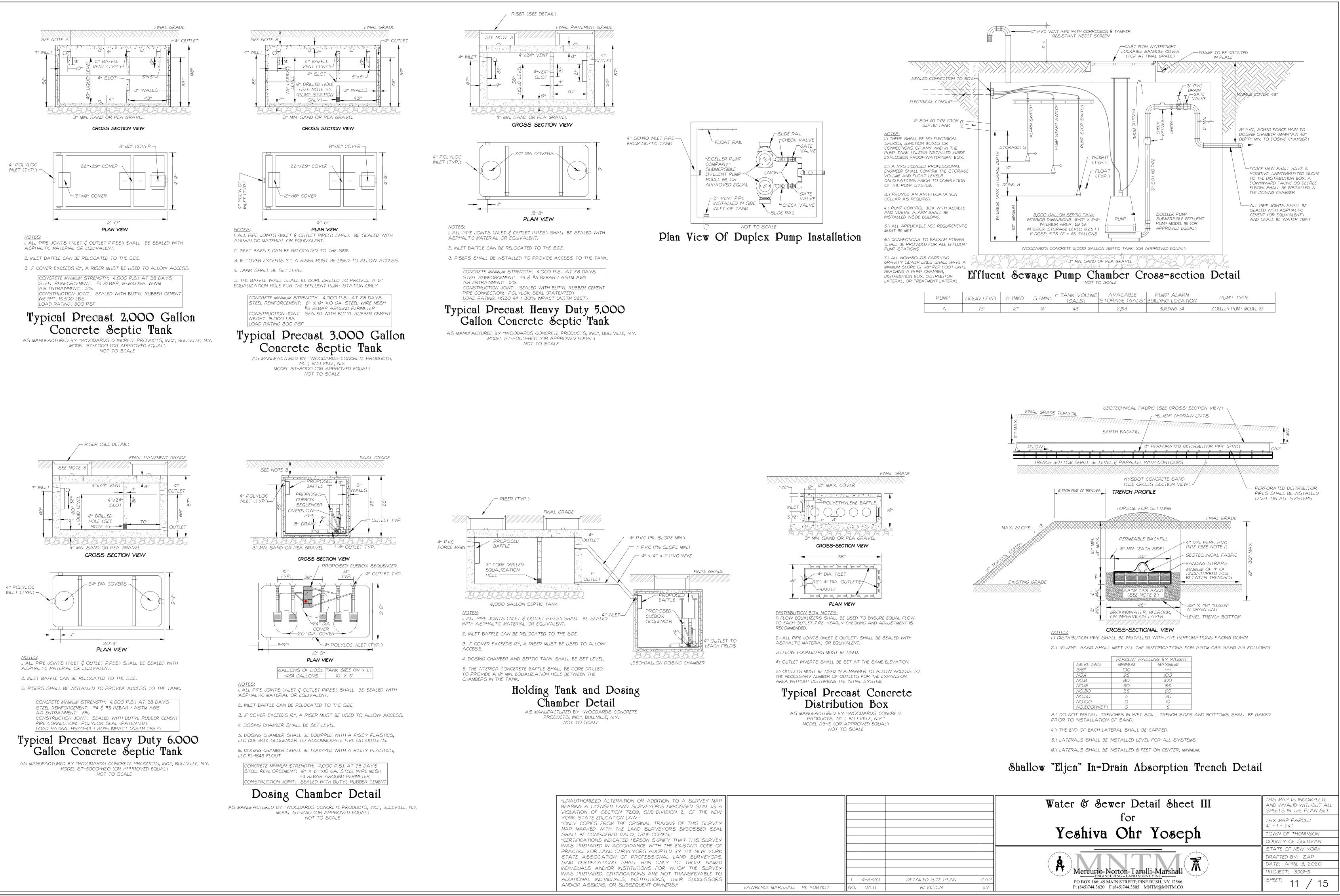


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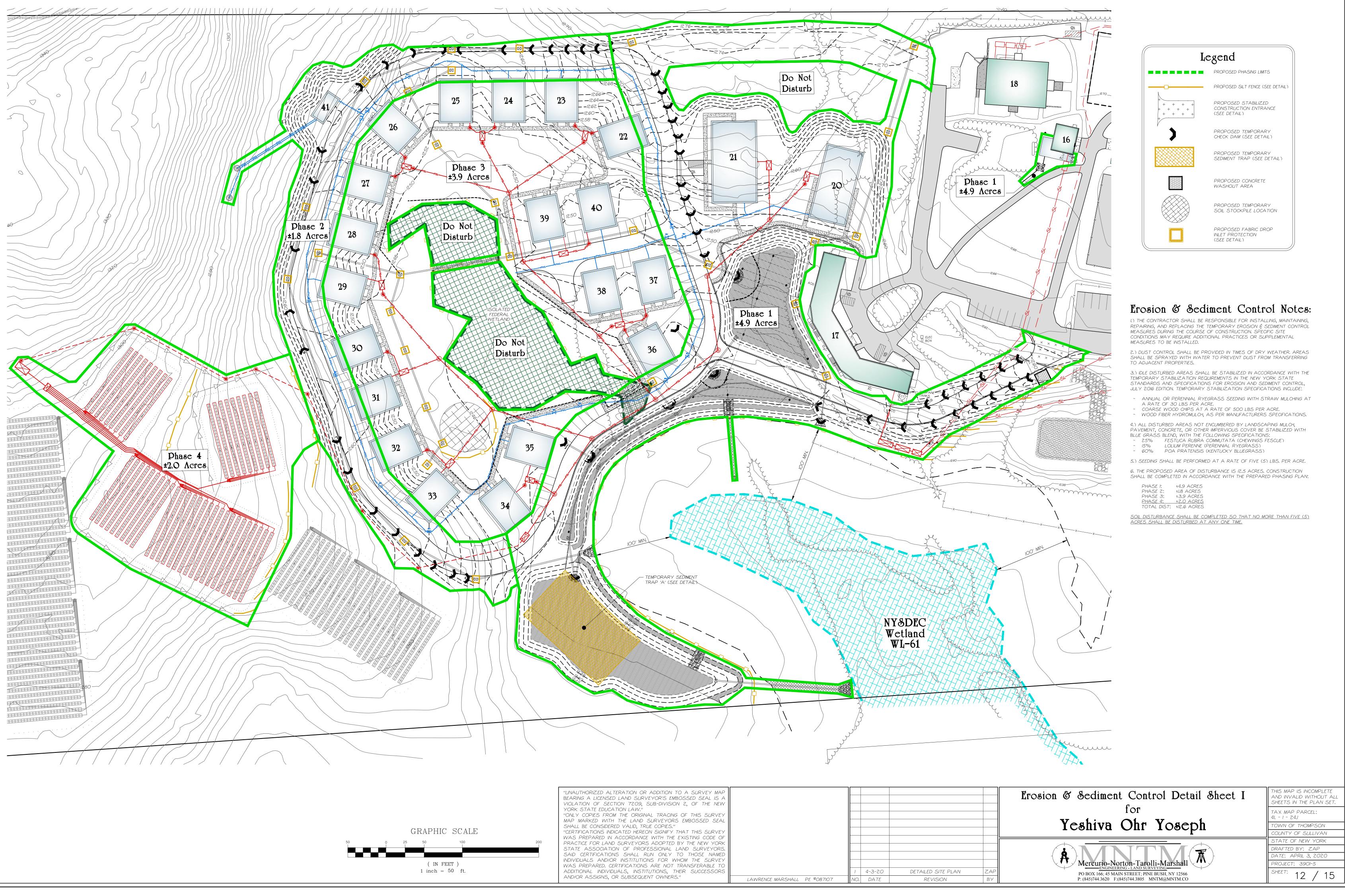
FINAL GRADE

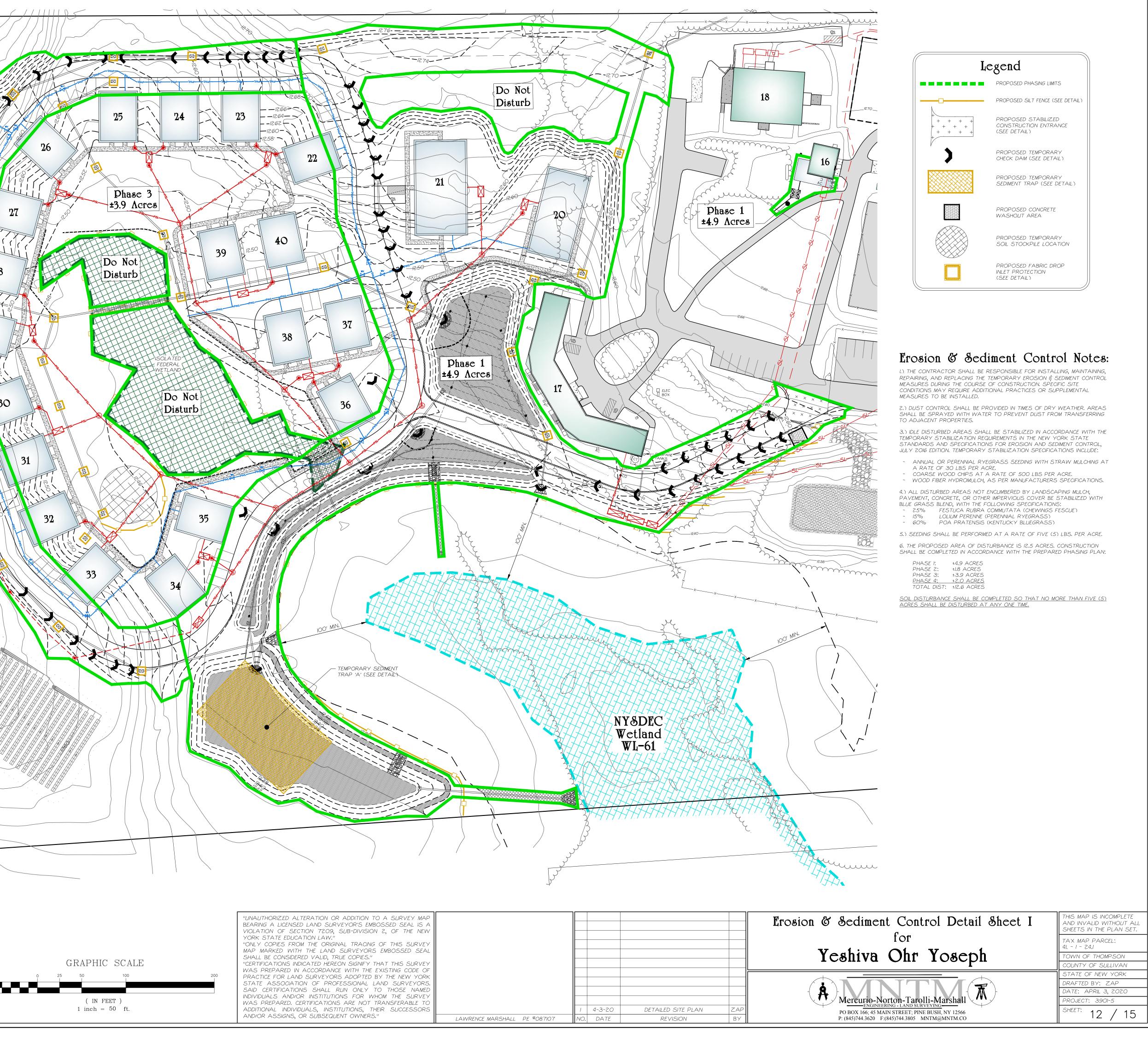
<u>NOTES:</u> 1.) SWALE SHALL BE STABILIZED WITH TOPSOIL, SEED, & MULCH IMMEDIATELY FOLLOWING CONSTRUCTION. Grassed Runoff Diversion Swale Detail NOT TO SCALE

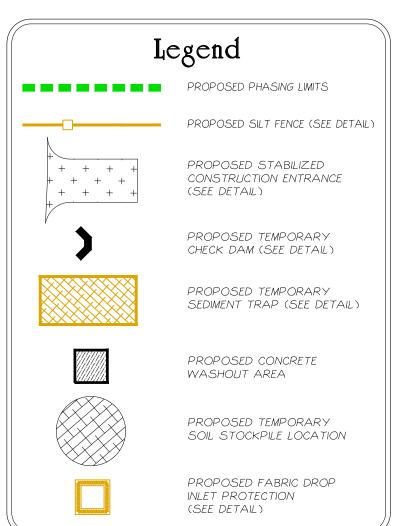
_____4 MIN.



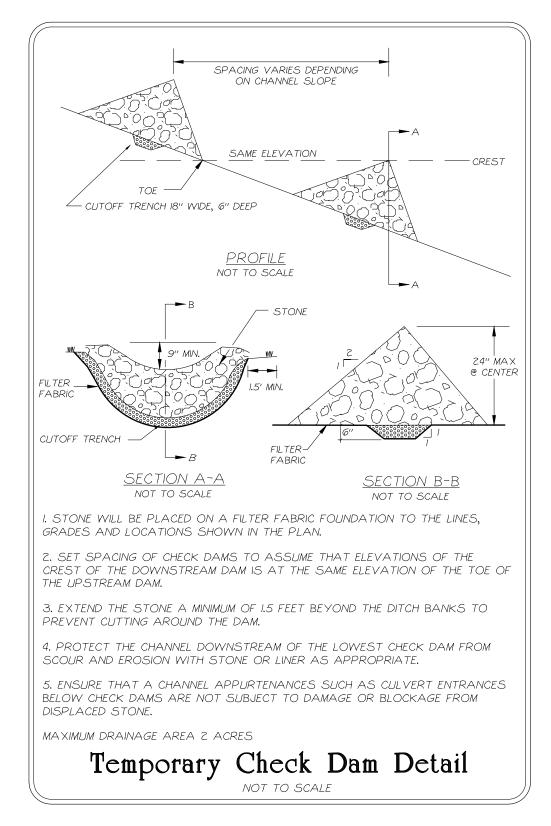
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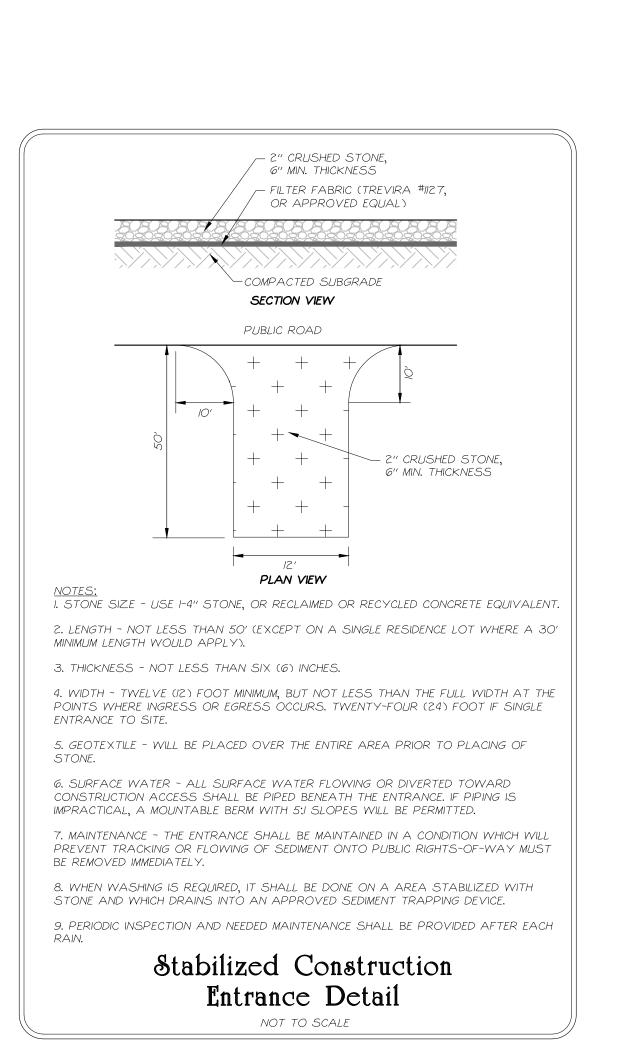


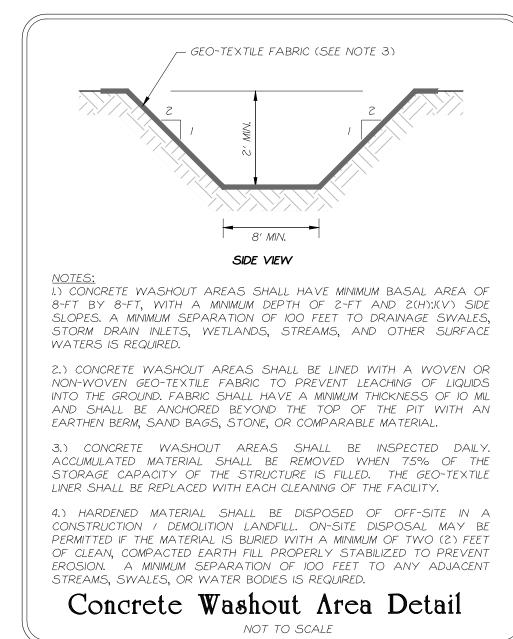


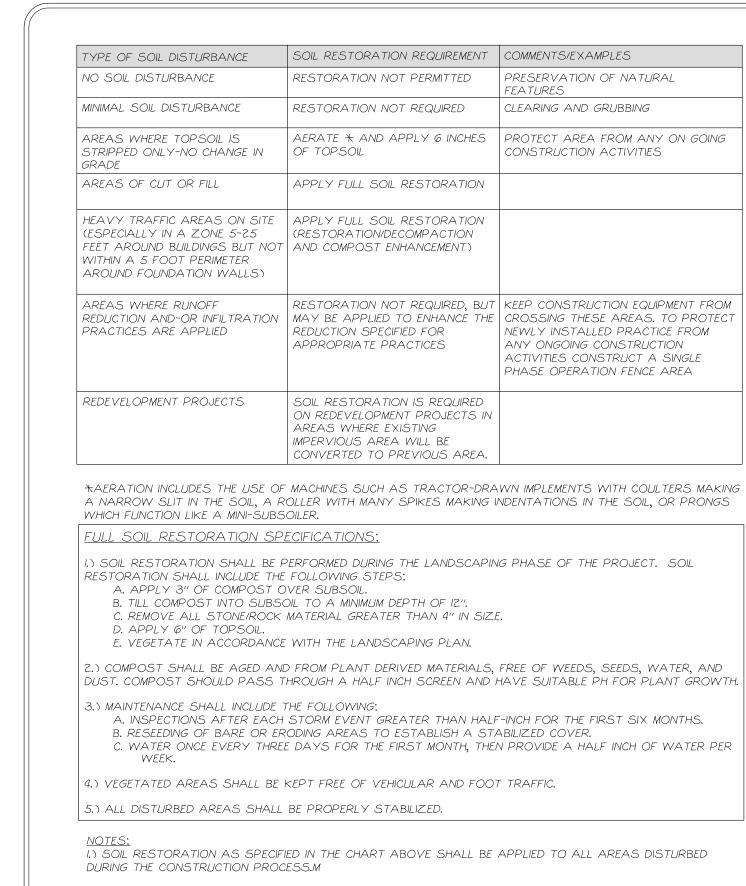


±4.9 ACRES
±1.8 ACRES
±3.9 ACRES
±2.0 ACRES
±12.6 ACRES









ZXZ WOOD

WOVEN WIRE FENCE,

MIN. 14 ½ GAUGE WI

FILTER FABRIC CLOTH

FENCE (SEE NOTE I) —

FILTER FABRIC CLOTH

FENCE (SEE NOTE I) —

EITHER 'T' OR 'U' TYPE OR HARDWOOD.

TI4ON, OR APPROVED EQUIVALENT.

APPROVED EQUIVALENT.

PRESERVATION OF NATURAL

CONSTRUCTION ACTIVITIES

NEWLY INSTALLED PRACTICE FROM

ACTIVITIES CONSTRUCT A SINGLE

PHASE OPERATION FENCE AREA

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YORK STATE EDUCATION LAW."

SHALL BE CONSIDERED VALID, TRUE COPIES."

AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."

ANY ONGOING CONSTRUCTION

CLEARING AND GRUBBING

FEATURES

AERATE * AND APPLY 6 INCHES PROTECT AREA FROM ANY ON GOING

RESTORATION NOT REQUIRED. BUT KEEP CONSTRUCTION EQUIPMENT FROM

. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE

POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL

2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE

3. WHEN TWO SECTION OF FILTER CLOTH ADJOIN EACH OTHER

4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR

Silt Fence Detail

NOT TO SCALE

5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AN MATERIAL

FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.

THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED. FILTER

CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA

REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

FLOW

NOTES:

SOIL RESTORATION REQUIREMENT COMMENTS/EXAMPLES

RESTORATION NOT PERMITTED

RESTORATION NOT REQUIRED

APPLY FULL SOIL RESTORATION

REDUCTION SPECIFIED FOR

AREAS WHERE EXISTING

IMPERVIOUS AREA WILL BE CONVERTED TO PREVIOUS AREA.

APPROPRIATE PRACTICES

SOIL RESTORATION IS REQUIRED

ON REDEVELOPMENT PROJECTS IN

Soil Restoration Specifications

NOT TO SCALE

OF TOPSOIL

(SEE NOTE 4)-

6" MESH SPACING —

POST, 36" MIN. —

L TOP SHALL BE ANCHORED

A MINIMUM 6" INTO SOIL

HORIZONTAL TO I VERTICAL.

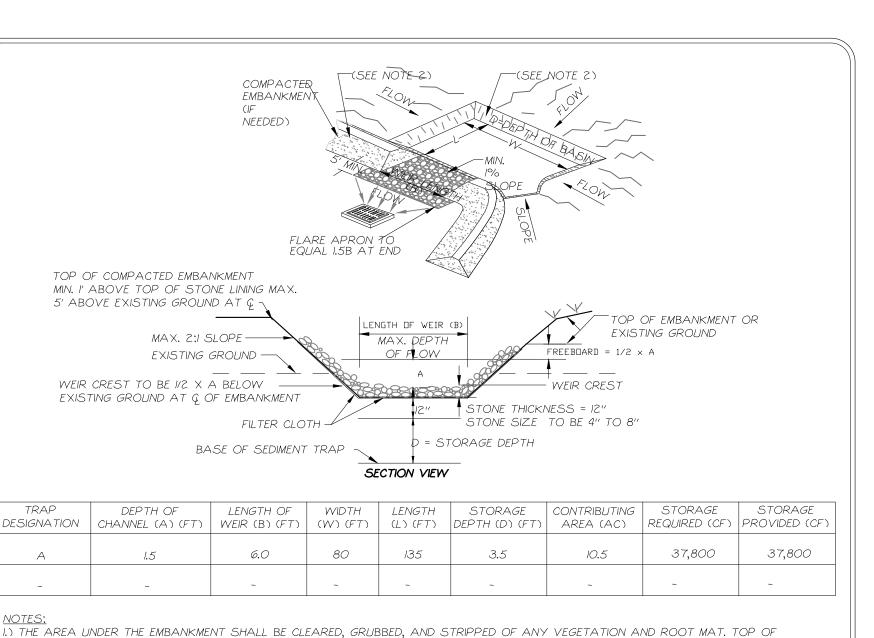
TRAP

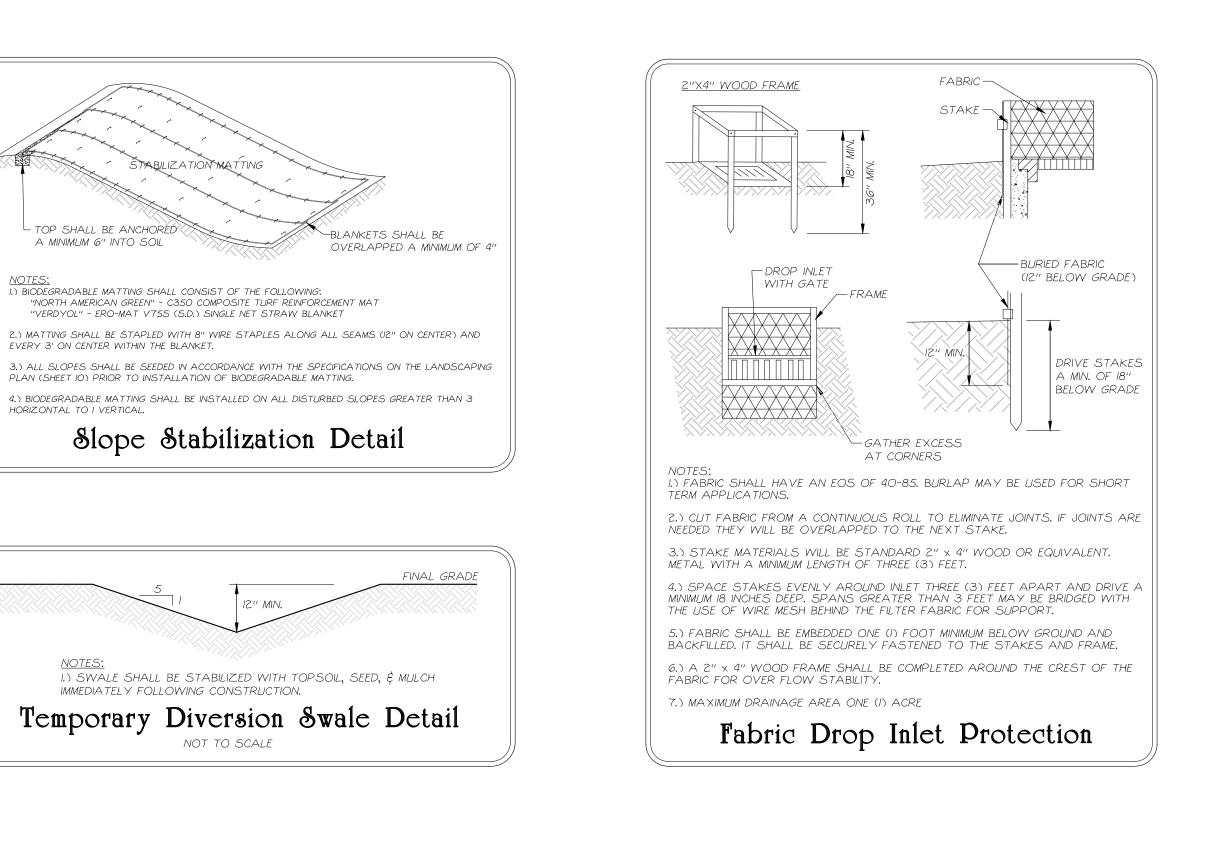
DESIGNATION

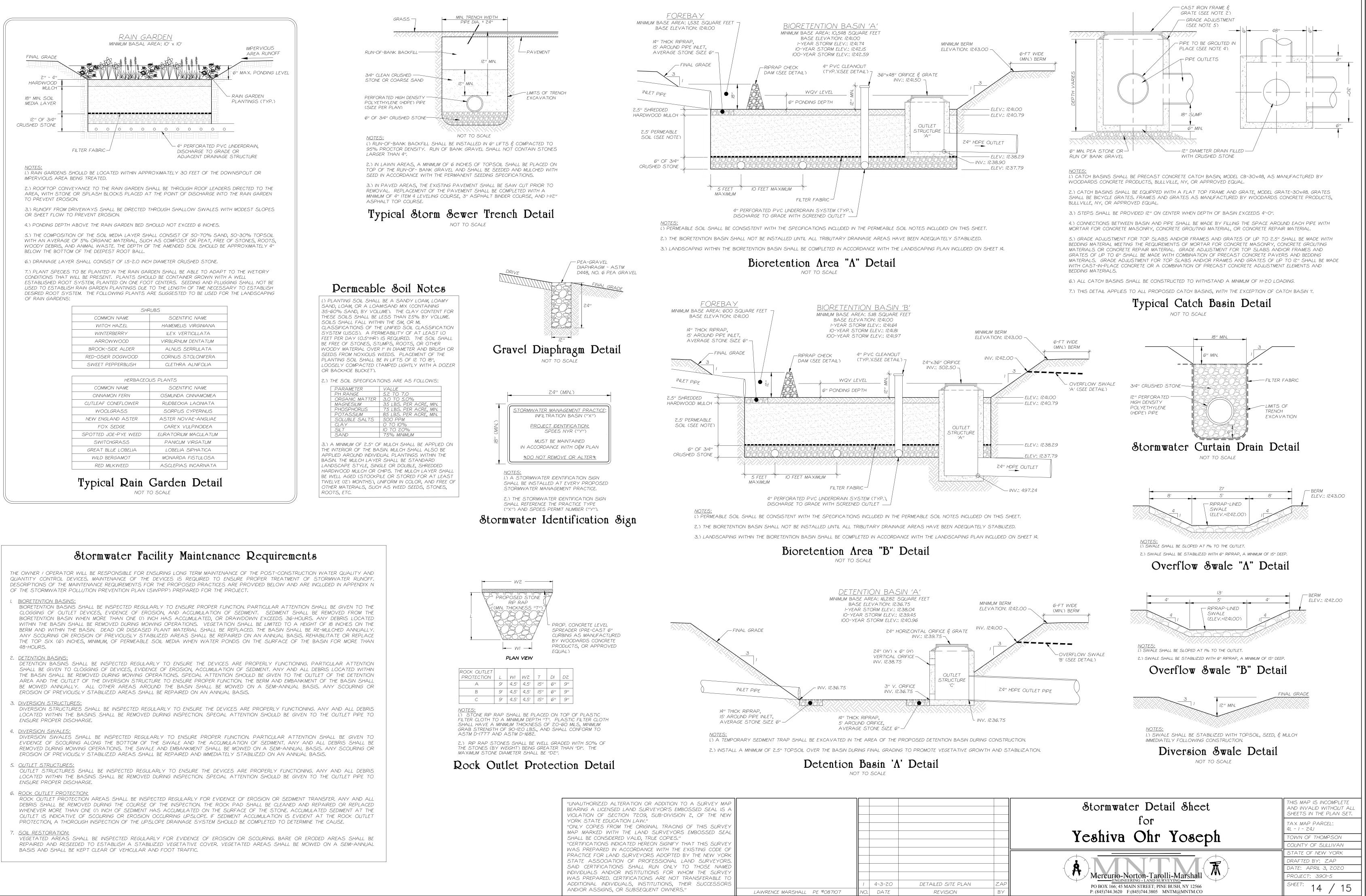
LAWRENCE MARSHALL PE #087107

DEPTH OF

		EMBANKMENT SHALL BE A MINIMUM OF FOUR (4) FEET WIDE.			
	2.) ALL FILL SLOPES SHALL BE 2:1 OR FLATTER. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.				
3.) ELEVATION OF THE TOP OF THE DIKE DIRECTING WATER INTO THE SEDIMENT TRAP MUST BE EQUAL TO OR EXCEED THE HEIGHT OF THE EMBANKMENT.					
	ED USING THE VOLUME AVAILABL		PER ACRE OF CONTRIBUTING DRAINAGE AREA. STORAGE AREA PROVIDED DUTLET CHANNEL, UP TO AN ELEVATION OF ONE (I) FOOT BELOW THE LEVEL		
SECTIONS OF FAB		ONE (I) FOOT W	S OF THE OUTLET CHANNEL PRIOR TO THE PLACEMENTS OF STONE. ATH UPHILL SECTION ON TOP. FABRIC SHALL BE EMBEDDED AT LEAST SIX FLET CHANNEL.		
HALF OF THE DESI			S ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED MORE THAN ALL BE DEPOSITED ON TOP OF OR NEXT TO PREVIOUSLY EXCAVATED		
7.) THE STRUCTUR	RE SHALL BE INSPECTED AFTER EA	ACH RAIN EVENT	T AND REPAIRED AS NECESSARY.		
8.) THE STRUCTUR	RE SHALL BE REMOVED AND THE A	AREA STABILIZE	ED ONCE THE TRIBUTARY DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.		
			utlet Sediment Trap Detail		
			Erosion & Sediment Control Detail Sheet II	THIS MAP IS INCOMPLETE AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET.	
			for	AND INVALID WITHOUT ALL	
			for	AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL:	
				AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL: 41 1 - 24.1 TOWN OF THOMPSON COUNTY OF SULLIVAN	
			for	AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL: 41 1 - 24.J TOWN OF THOMPSON COUNTY OF SULLIVAN STATE OF NEW YORK	
			for Yeshiva Ohr Yoseph	AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL: 41 1 - 24.1 TOWN OF THOMPSON COUNTY OF SULLIVAN STATE OF NEW YORK DRAFTED BY: ZAP	
			for Yeshiva Ohr Yoseph	AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL: 41 I - 24.J TOWN OF THOMPSON COUNTY OF SULLIVAN STATE OF NEW YORK DRAFTED BY: ZAP DATE: APRIL 3, 2020	
	DETAILED SITE PLAN		for Yeshiva Ohr Yoseph	AND INVALID WITHOUT ALL SHEETS IN THE PLAN SET. TAX MAP PARCEL: 41 1 - 24.1 TOWN OF THOMPSON COUNTY OF SULLIVAN STATE OF NEW YORK DRAFTED BY: ZAP	
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KEY	COMMON NAME	BOTANICAL NAME	QUANTITY	ТУРЕ	HARDINESS ZONE	PLANTING SIZE	
Ac	SHADBLOW SERVICEBERRY	AMELANCIER CANADENSIS	38	DECIDUOUS TREES	4 - 8	8' - 10' HGT.	
Ov	EASTERN HOPHORNBEAM	OSTRYA VIRGINIANA	16	DECIDUOUS TREES	3 - 9	1.5" - 2.0" C.	
Ca	SILKY DOGWOOD	CORNUS AMOMIUM	16	DECIDUOUS SHRUBS	5 - 8	24" - 30"	
IVS	ILEX VERTICILLATA 'RED SPRITE'	RED SPRITE WINTERBERRY	18	DECIDUOUS SHRUBS	4 - 8	18'' - 24''	
Vd	ARROWWOOD VIBURNUM	VIBURNUM DENTATUM	21	DECIDUOUS SHRUBS	3 - 8	24'' - 30''	

Site Planting Table

Landscaping Notes:

I.) TOPSOIL SHALL BE SPREAD OVER ALL DISTURBED AREAS TO A MINIMUM COMPACTED THICKNESS OF 4". TOPSOIL SHALL BE FINELY GRADED AND LOOSENED TO REMOVE STONES AND ENSURE SEED ACCEPTANCE.

2.) ALL DISTURBED AREAS NOT ENCUMBERED BY LANDSCAPING MULCH, PAVEMENT, CONCRETE, GRAVEL, OR OTHER IMPERVIOUS COVER WITHOUT A SPECIFIED GROUNDCOVER SHALL BE STABILIZED WITH 'NATIVE NORTHEAST WILDFLOWER MIX' AS MANUFACTURED BY AMERICAN MEADOWS, OR APPROVED EQUIVALENT.

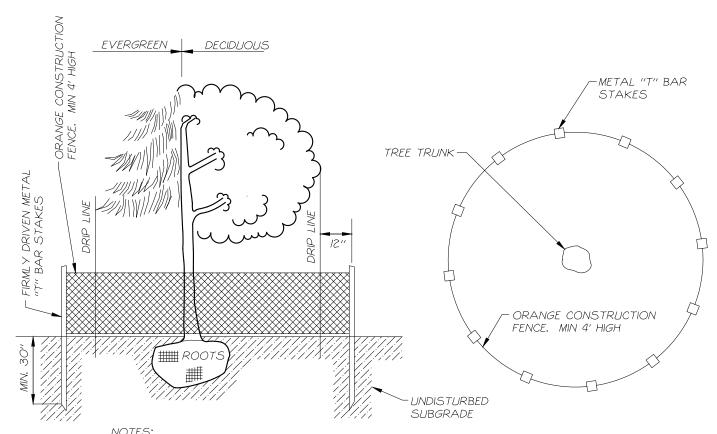
- 3.) SPECIFIED AREAS AROUND THE PROPOSED BUILDINGS AND PAVEMENT SHALL BE STABILIZED WITH BLUE GRASS BLEND WITH THE FOLLOWING SPECIFICATION: 25% FESTUCA RUBRA COMMUTATA (CHEWINGS FESCUE) 15% LOLIUM PERENNE (PERENNIAL RYEGRASS)
- 60% POA PRATENSIS (KENTUCKY BLUEGRASS)

4.) ALL SEEDING SHALL BE PERFORMED AT A RATE OF FIVE (5) LBS. PER ACRE. 5.) TREE AND SHRUB PLANTING SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE: SPRING PLANTING: MARCH I - JUNE 30

FALL PLANTING: SEPTEMBER I - NOVEMBER I

6.) PLANTING BEDS SHALL BE INSTALLED AROUND ALL PROPOSED TREES AND SHRUBS IMMEDIATELY FOLLOWING INSTALLATION. PLANTING BEDS SHALL CONSIST OF HARDWOOD MULCH.

7.) THE BIORETENTION BASINS SHALL BE PLANTED WITH RED TOP (AGROSTIS GIGANTEA).



CALIPER SHALL BE STAKED. TREES 3" CALIPER OR MORE SHALL BE GUYED

NEW #12 WIRE, GALVANIZED ANNEALED

GALVANIZED, ANNEALED EQUALLY SPACED

2" × 4" STAKE—

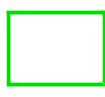
<u>NOTES:</u> I) BARRIER PREVENTS COMPACTION OF SOIL AROUND ROOTS BY CONSTRUCTION EQUIPMENT. 2) ORANGE CONSTRUCTION FENCING TO BE INSTALLED AROUND ALL TREES TO REMAIN (WITHIN LIMITS OF DISTURBANCE AREA) PRIOR TO ANY EARTHWORK COMMENCING.

3) STAKES SHALL BE LOCATED ONE (1) FOOT BEYOND THE DRIP LINE.

4) STAKES SHALL BE DRIVEN FIRMLY INTO THE GROUND TO A MINIMUM DEPTH OF AT LEAST 30". 5) REMOVE ALL FENCING AND STAKES IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION. 6) IF REMOVED OR DAMAGED DURING CONSTRUCTION, TREES AND/OR SHRUBS LOCATED WITHIN PROTECTIVE FENCING OR BEYOND THE LIMITS OF DISTURBANCE SHALL BE REPLACED IN KIND, OR WITH A SUITABLE EQUIVALENT SIZE AND TYPE.

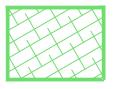
Tree Protection Detail NOT TO SCALE



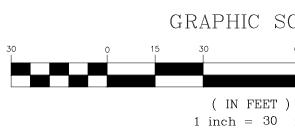


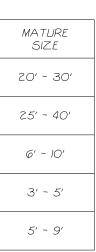
BLUE GRASS BLEND: 25% FESTUCA RUBRA COMMUTATA (CHEWINGS FESCUE) 15% LOLIUM PERENNE 60% POA PRATENSIS

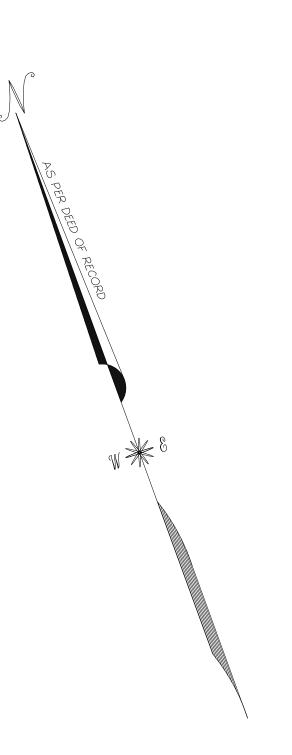
(PERENNIAL RYEGRASS) (KENTUCKY BLUEGRASS)

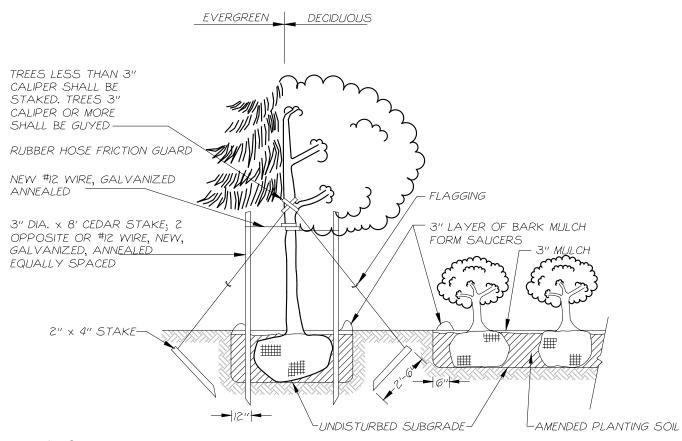


AGROSTIS GIGANTEA (RED TOP)



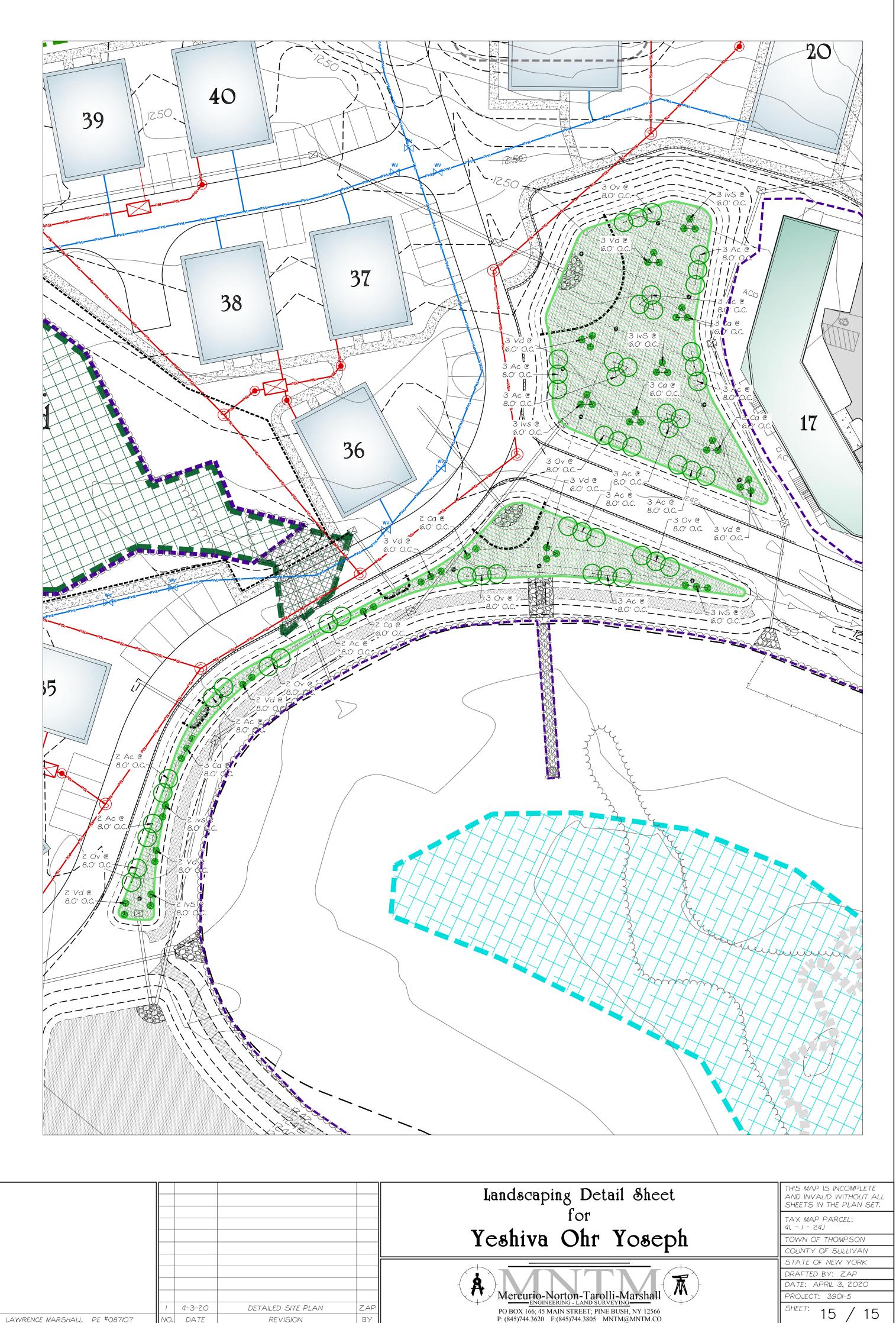






<u>NOTES:</u> 1.) ALL PLANT MATERIAL SHALL BE HEALTHY AND FULL AT TIME OF PLANTING. 2.) ALL TREES SHALL BE WARRANTIED TO BE HEALTHY FOR 2-YEARS FROM TIME OF PLANTING. 3.) ALL PROPOSED LANDSCAPE PLANTS SHALL CONFORM TO THE GUIDELINES SET FORTH IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS FOR NURSERY STOCK. 4.) TREE WRAPPING SHALL BE PROVIDED AROUND BASE OF TREE TO 8" ABOVE RUBBER HOSE (DECIDUOUS TREES ONLY).

Typical Planting Detail





"UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW." "ONLY COPIES FROM THE ORIGINAL TRACING OF THIS SURVEY MAP MARKED WITH THE LAND SURVEYORS EMBOSSED SEAL

SHALL BE CONSIDERED VALID, TRUE COPIES." "CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THOSE NAMED INDIVIDUALS AND/OR INSTITUTIONS FOR WHOM THE SURVEY WAS PREPARED. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INDIVIDUALS, INSTITUTIONS, THEIR SUCCESSORS AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."

CALE	
60 	120
ft.	