

## GENERAL NOTES

- 1. TAX MAP IDENTIFICATION NUMBER: 6-1-70.12
- 2. BOUNDARY INFORMATION TAKEN FROM A SURVEY AS COMPLETED BY ENGINEERING & SURVEYING PROPERTIES, PC ON JUNE 5, 2015.
- 3. TOPOGRAPHY SUPPLIED BY ESPOSITO AND ASSOCIATES AND WAS ADJUSTED TO NAVD 1988.
- 4. OWNER: COMMUNITY PRODUCTS, LLC

2032 ROUTE 213 RIFTON NY, 12471

5. APPLICANT: SURESKY & SONS, INC. PO BOX 209

6. PROPOSED USE: NEW VEHICLE STORAGE AND PREP FACILITY.

GOSHEN, NY 10924

7. PROPOSED DISTURBANCE REGULATED WETLAND AREAS "WL-3" & "WL-4" TOTALS 4,347 SF. ADDITIONAL DISTURBANCE OF NON-REGULATED (ISOLATED) WETLAND AREA "WL-1" TOTALS 4,705 SF.

## PARKING REQUIREMENTS

PROPOSED PARKING SPACES PROVIDED: PAVED PARKING SPACES: 129 SPACES

GRAVEL PARKING SPACES\*: 560 SPACES TOTAL PARKING PROVIDED: 689 SPACES

\*GRAVEL PARKING SPACES SHOWN FOR DIMENSIONAL PURPOSES ONLY.

GRAVEL SPACES WILL NOT BE STRIPED.

## BULK REQUIREMENTS

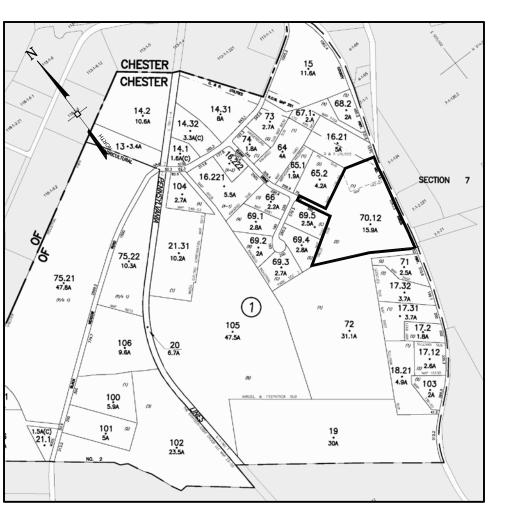
TOWN OF CHESTER - ZONING DISTRICT IP							
MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROPOSED					
LOT AREA	2 ACRES	15.87 ACRES					
LOT WIDTH	200 FEET	1025.8 FEET					
FRONT YARD	60 FEET	433.6 FEET					
REAR YARD	50 FEET	81.1 FEET					
SIDE YARD (ONE/BOTH)	50 / 100 FEET	100.0 / 544.6 FEET					
MAXIMUM ALLOWABLE							
MAXIMUM BUILDING HEIGHT	45 FT	< 45 FT					
MAXIMUM BUILDING COVERAGE	40 %	2 %					

## LEGEND

PER DEED LIBER 20

	EXISTING BUILDING LINE
<u> </u>	EXISTING MAJOR CONTOUR LINE
— — — — — 422 — — — — —	EXISTING MINOR CONTOUR LINE
	EXISTING EDGE OF PAVEMENT LINE
	EXISTING EASEMENT LINE
	ADJACENT PROPERTY LINE
	EXISTING PROPERTY LINE
	BUILDING LINE
44 44 44 44	CONCRETE
310	MAJOR CONTOUR LINE
422 —	MINOR CONTOUR LINE
-·-·-	LIMIT OF DISTURBANCE LINE
	SILT FENCE LINES
	EDGE OF PAVEMENT LINE
	SEPTIC SYSTEM LATERALS
	BUILDING SETBACK LINES
	BUFFER SETBACK
	STORM DRAIN LINES
	LIMIT OF WETLAND DISTURBANCE LINE

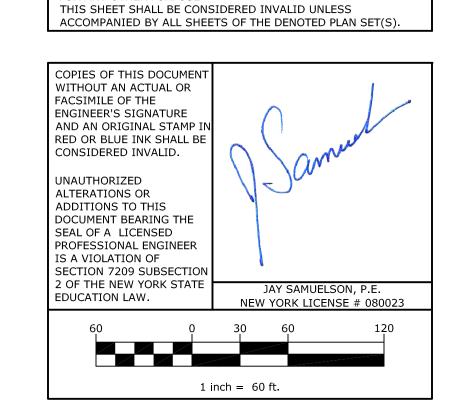
→ ·> · · · · · · · · · · DRAINAGE SWALE



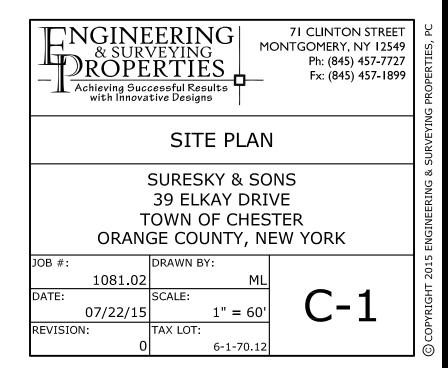
LOCATION MAP

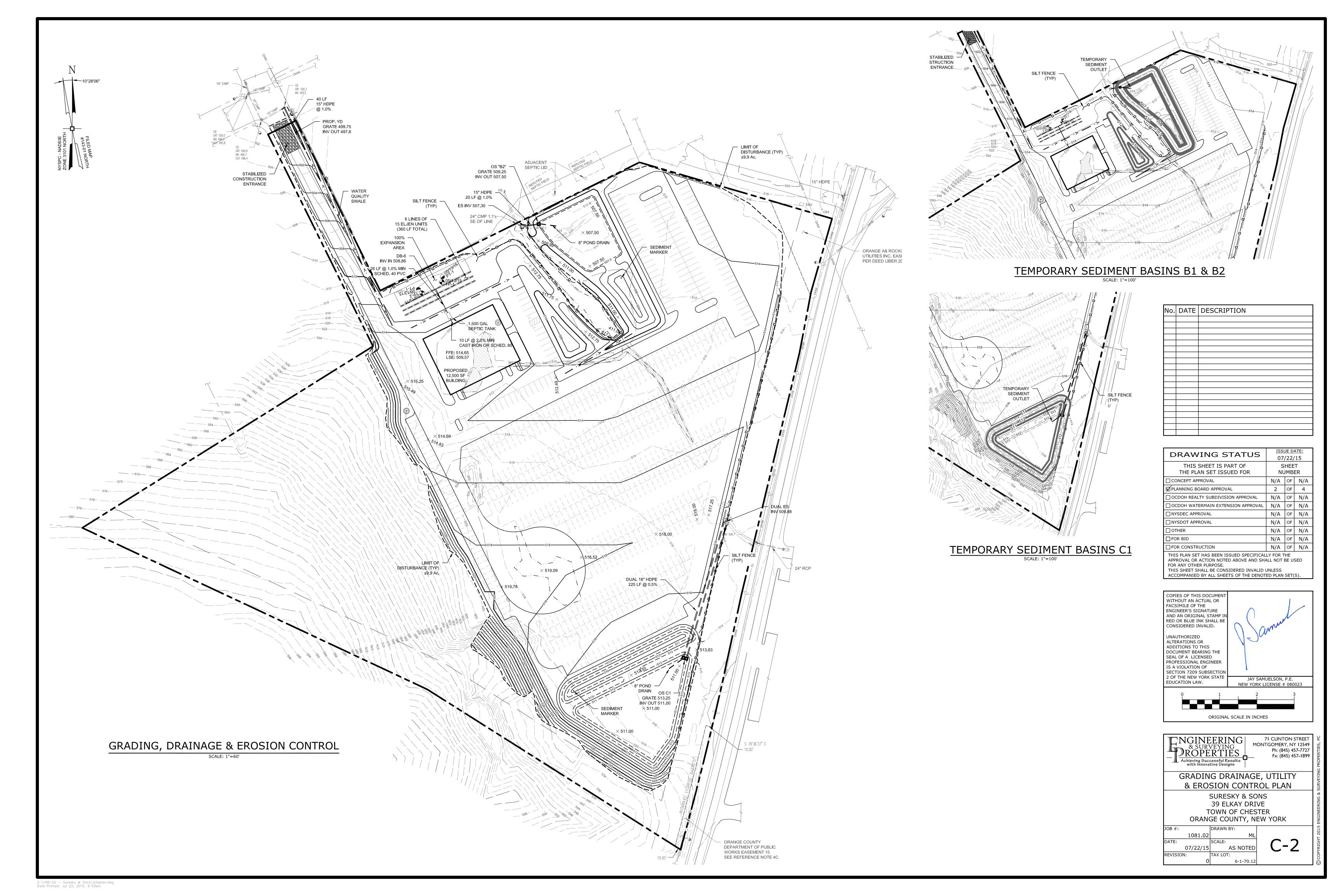
No.	DATE	DESCRIPTION
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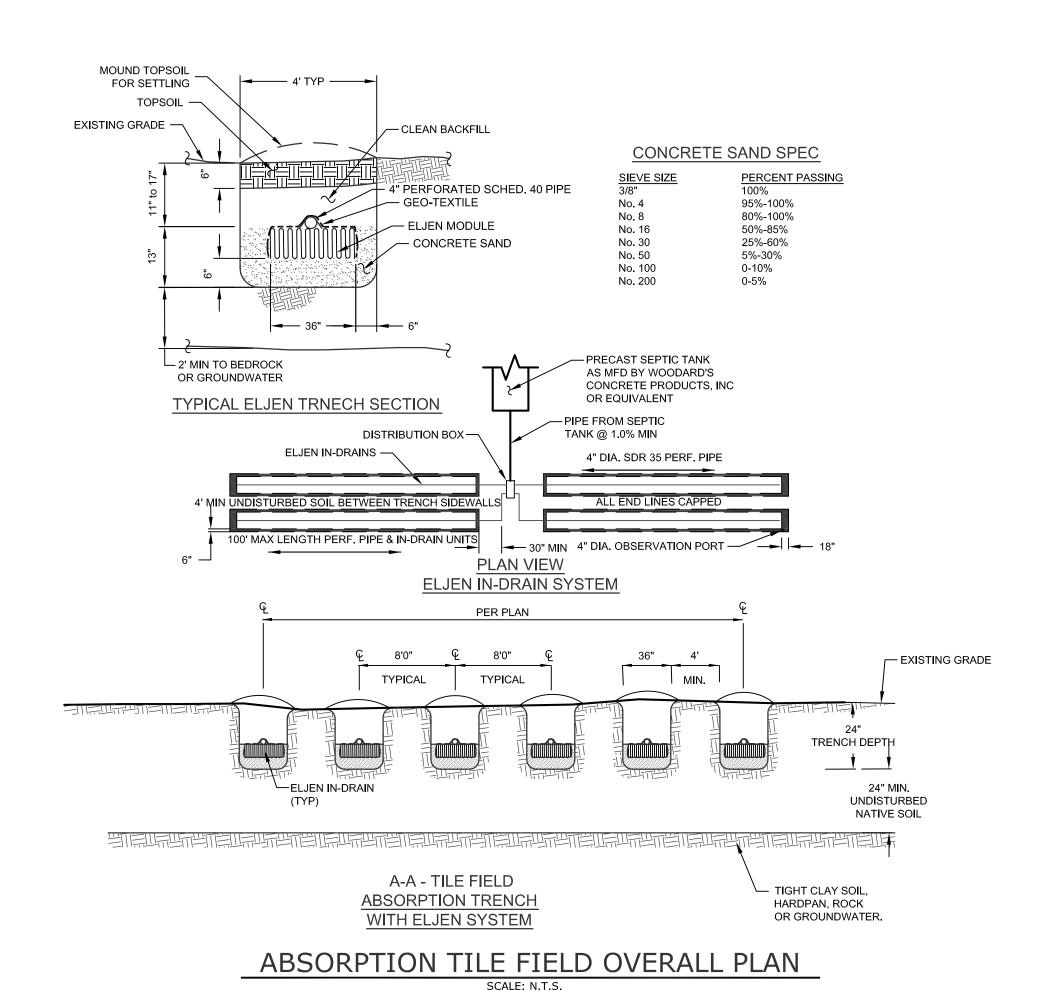
DRAWING STATUS	ISSUE DATE:				
DRAWING STATES	07/22/15				
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER				
CONCEPT APPROVAL	N/A	OF	N/A		
☑ PLANNING BOARD APPROVAL	1	OF	4		
OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A		
OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A		
☐ NYSDEC APPROVAL	N/A	OF	N/A		
□NYSDOT APPROVAL	N/A	OF	N/A		
□ OTHER	N/A	OF	N/A		
☐FOR BID	N/A	OF	N/A		
FOR CONSTRUCTION	N/A	OF	N/A		
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED					



FOR ANY OTHER PURPOSE.







8-1/2" ---

1. PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARDS CONCRETE PRODUCTS, INC.MODEL ST 1500, OR

THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK, OR ANY PUMPING OR DOSING CHAMBER, TO

6. FOR THE INLET, USE A SANITARY TEE WITH PIPE EXTENSION TO MEET THE NYSDOH REQUIREMENT FOR BAFFLE 16" BELOW

20" DIAMETER

## PERCOLATION TEST RESULTS

TEST HOLE#	TEST HOLE DEPTH	TEST HOLE DIA	TIME		(TIME FOR 1" I		N TEST RUNS R LEVEL - STOP	PWATCH USED)	STABLE RATE				
			FINISH										
05/13/15 P1	24"	10"	START						38 MIN				
							TIME	00:18:00	00:25:49	00:35:53	00:37:43		
			FINISH										
05/13/15 P2	24"	10"	START						40 MIN				
			TIME	00:19:10	00:30:52	00:37:12	00:39:01						

### DEEP SOILS TEST RESULTS

TEST HOLE#	DATE	DEPTH	DESCRIPTION
TP-1	05/13/15	0"-4" 4"-36" 36"-96"	TOP SOIL TAN SILTY LOAM WITH COBBLE BLACK SAND NO MOTTLING, NO BEDROCK, GROUNDWATER @ 84"
TP-2	05/13/15	0"-4" 4"-42" 42"-96"	TOP SOIL TAN SILTY LOAM WITH COBBLE BLACK SAND NO MOTTLING, NO BEDROCK, GROUNDWATER @ 84"

### ELJEN DESIGN SCHEDULE

STABILIZE	FLOW	APPLICATION	REQUIRED	REQUIRED ABSORPTION	PROPOSED ABSORPTION
PERC RATE	RATE	RATE	AREA	FIELD LENGTH	FIELD
(min)	(GPD)	(GPD/Sq. ft.)	(Sq. ft.)	(ft)	(ft)
40	1000 *	0.50	2000	334	

\*NOTE: 0.08 GPD / SF

8"x12" COVER The BRICKS AS -

FOR INSTANCES OF -

CLOSED, LOCKABLE,

OR APPROVED EQUAL

4" OUTLET

GREATER THAN 12" COVER

WATERTIGHT MANHOLE COVER

MODEL CAMPBELL FOUNDRY #1328

4" DIAMETER PVC

MIN. SLOPE 1/8"/FT

1500 GALLON SEPTIC TANK

OUTLET PIPE

(3) 4" DIAMTER

INLETS

REQUIRED

4" SLOT

EARTH COVER

LIQUID LEVEL

12" MIN. SAND OR PEA GRAVEL

SECTION A-A

2" BAFFLE VENT

- 20"x27" COVER

- 12"x16" COVER

CAST IRON INLET PIPE

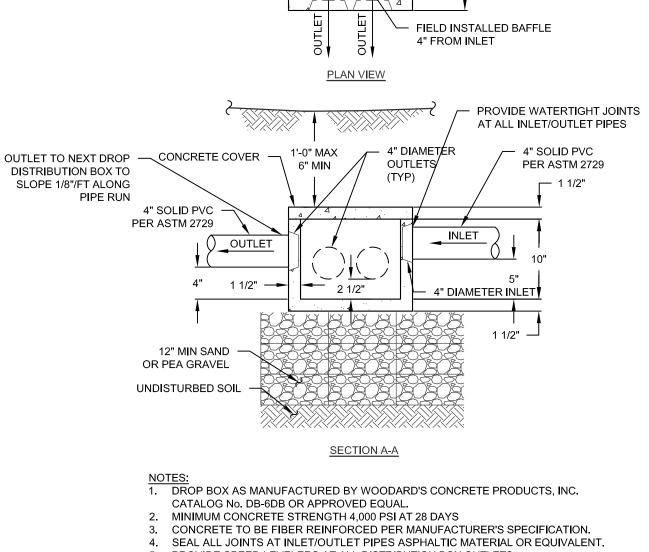
MIN. SLOPE

SEAL PIPE WITH

**ASPHALTIC** 

MATERIAL OR

**EQUIVALENT** 



15 1/2"

PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS 6. UNUSED OUTLETS TO REMAIN PLUGGED.

6 HOLE DROP DISTRIBUTION BOX

### 12" (MIN) BUT AT LEAST 24" WELL SEAL (SEE NOTE 7) ABOVE 100-YR FLOOD TOP OF CASING MIN OF 2 FT ABOVE ELEVATION 100-YR FLOOD LEVEL SLOPE SURFACE AWAY FROM CASING CONCRETE SLAB BURY ELECTRIC WIRE WITH WATER LINE - 3/4" DIA, TYPE "K" COPPER WATER LINE PITLESS ADAPTER (SEE NOTE 7) - 6" STEEL CASING IN COMPLIANCE WITH AWWA STANDARD A100, LATEST EDITION - BEDROCK 20" MIN INTO BEDROCK ─ 1 1/2" MIN CEMENT GROUT SEAL SUBMERSIBLE PUMP (SIZED FOR HEAD & VOLUME CONDITIONS) MIN DRILL HOLE 6" DIA -SEE NOTE 11

- 3. OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.
- 4. EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 30 FEET
- 6. THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).
- 5PL-6-1-U-CL, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
- 8. DISCHARGE PIPE: 3/4" MIN OF TYPE "K" COPPER WATER LINE
- 9. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC TANK, TILE FIELD, OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.
- 10. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF ANY WELL.
- 11. MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.
- 12. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL OF CLEAN WATER.
- 13. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE
- 14. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS BY THE NEW YORK STATE
- 15. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET.

TYPICAL DRILLED WELL SECTION SCALE: N.T.S.

- 1. WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH.
- 2. CASING SHALL EXTEND MINIMUM 20" INTO BEDROCK.
- 5. EXPECTED DEPTH OF WATER BEARING FORMATION = 150 600 FEET
- 7. PITLESS ADAPTER AND SANITARY WELL SEAL SHALL BE MONITOR MODEL NO

- REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- DEPARTMENT OF HEALTH, APPENDIX 5-B, STANDARDS FOR WATER WELLS, LATEST

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S). COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN RED OR BLUE INK SHALL BE CONSIDERED INVALID. UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE JAY SAMUELSON, P.E. EDUCATION LAW. NEW YORK LICENSE # 080023

1. SEPTIC TANK SHALL BE LOCATED A MINIMUM DISTANCE OF 10 FEET

2. THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS. 3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS OR WELLS.

4. SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY

5. ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC

7. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING SAND IN

10. ABSORPTION SYSTEM TO BE LOCATED A MINIMUM DISTANCE OF 20

12. PROVIDE 30" OF SOLID PIPE PRIOR TO START OF ELJEN SYSTEM

CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA

BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO TO AS

TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A

CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE

ISSUE DATE:

SHEET

NUMBER

N/A OF N/A

3 |OF| 4

N/A OF N/A

8. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY

11. SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR

13. HEAVY EQUIPMENT SHLL BE KEPT OFF THE AREA OF THE

ABSORPTION FIELDS EXCEPT DURING THE ACTUAL

TANK, AND ALL PIPES AND COVERS.

ABSORPTION TRENCH.

DISTRIBUTION OR DROP BOX.

FEET FROM ANY BUILDING.

WATERTIGHTNESS.

DESIGN WAS BASED.

6. NO TRENCHES TO BE INSTALLED IN WET SOIL.

9. PERFORATED PIPE TO BE CAPPED AT END.

AND BACKFILL WITH NATIVE MATERIAL.

No. DATE DESCRIPTION

DRAWING STATUS

THE PLAN SET ISSUED FOR

OCDOH REALTY SUBDIVISION APPROVAL

☐ OCDOH WATERMAIN EXTENSION APPROVAL | N/A OF N/A

CONCEPT APPROVAL

NYSDEC APPROVAL

☐NYSDOT APPROVAL

☐ FOR CONSTRUCTION

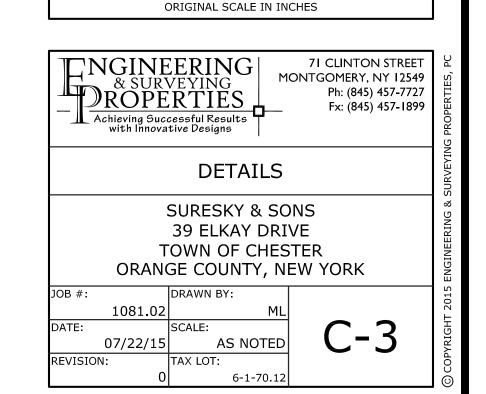
OTHER

☐ FOR BID

PLANNING BOARD APPROVAL

COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER TILE

FROM THE BUILDING.



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4" DIAMETER

OUTLET

APPROVED EQUAL.

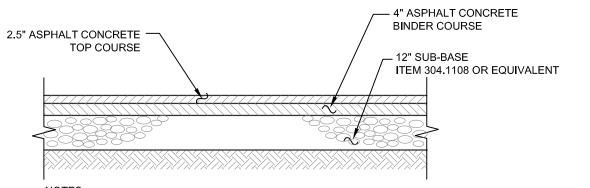
2. CONCRETE - 4000 PSI AT 28 DAYS.

REINFORCEMENT - 6" X 6" X 10 GAUGE WIRE MESH.

4. SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.

THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.

7. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.

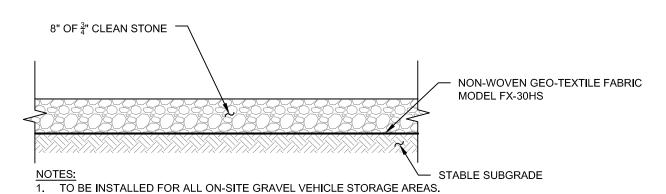


1. TO BE INSTALLED FOR ALL ON-SITE ROADWAYS AND PARKING AREAS.

- 2. ALL SUB-GRADE AND SUB-BASE SHALL BE PROOF ROLLED WITH TOWN ENGINEER PRESENT PRIOR TO THE PLACEMENT OF SUBSEQUENT LIFTS.
- 3. ITEM NUMBERS REFER TO NYSDOT SPECIFICATIONS

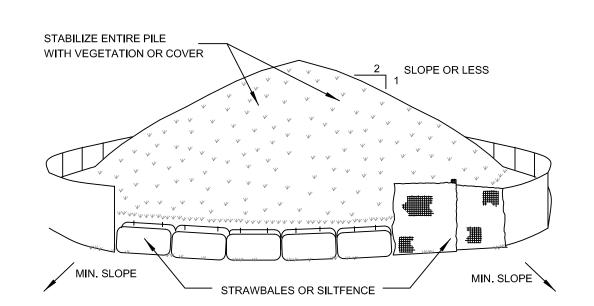
## **ON-SITE PAVEMENT SECTION**

SCALE: NTS



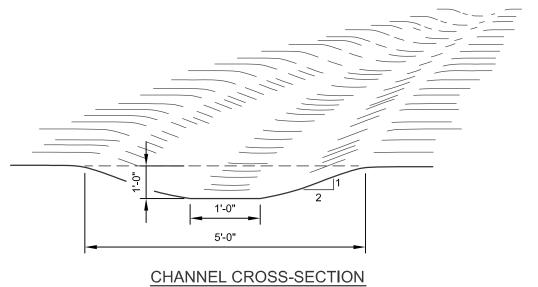
2. ALL SUBGRADE SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY A MODIFIED PROCTOR TEST.

## ON-SITE GRAVEL PARKING AREA



- 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED A WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
- 4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

# SOIL STOCKPILING



## **CONSTRUCTION SPECIFICATIONS:**

- 8" PERFORATED

PVC RISER WITH

STRUCTURE \_

AS MANUFACTURED BY CARTHAGE MILLS \\_\_\_ STABILIZED SOIL

8" LOW LEVEL

- NON-WOVEN GEO-TEXTILE FABRIC

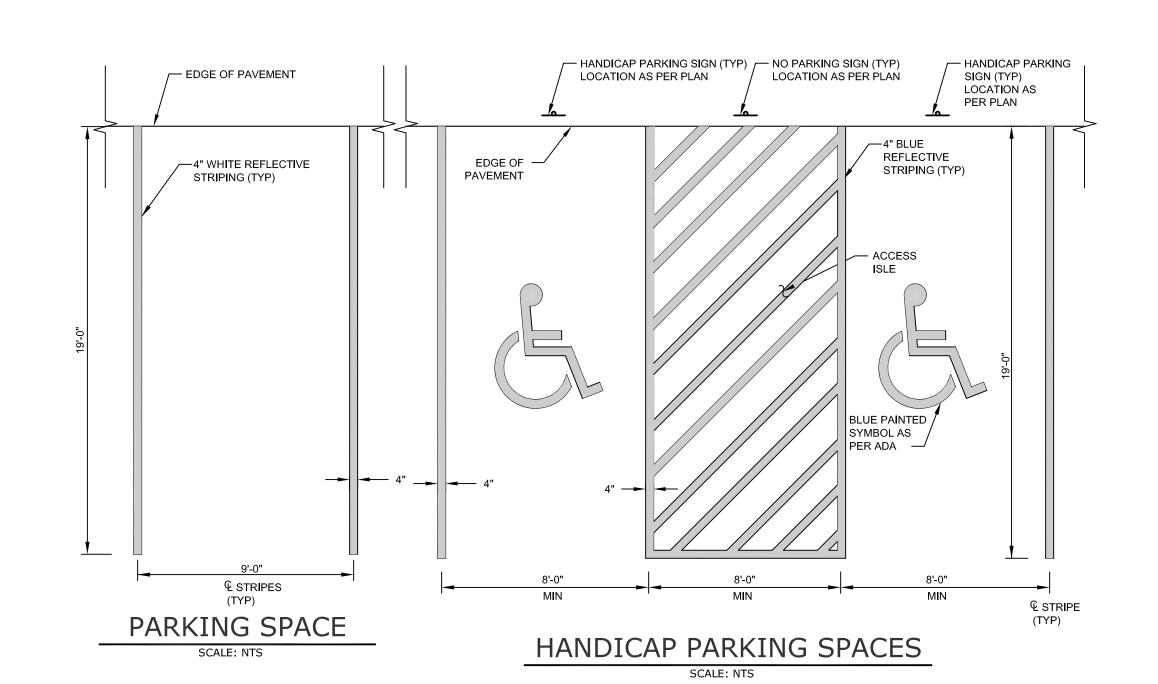
TEMPORARY STONE FILTER OUTLET

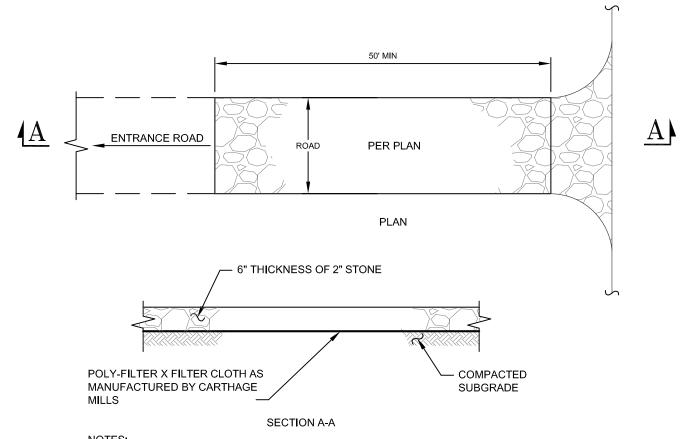
SECTION A-A

MODEL FX-30HS

- 1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
- 2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- 3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
- 4. FILL SHALL BE COMPACTED AS NEEDED IN CONSTRUCTION TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED WATERWAY.
- 5. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARD AND SPECIFICATIONS

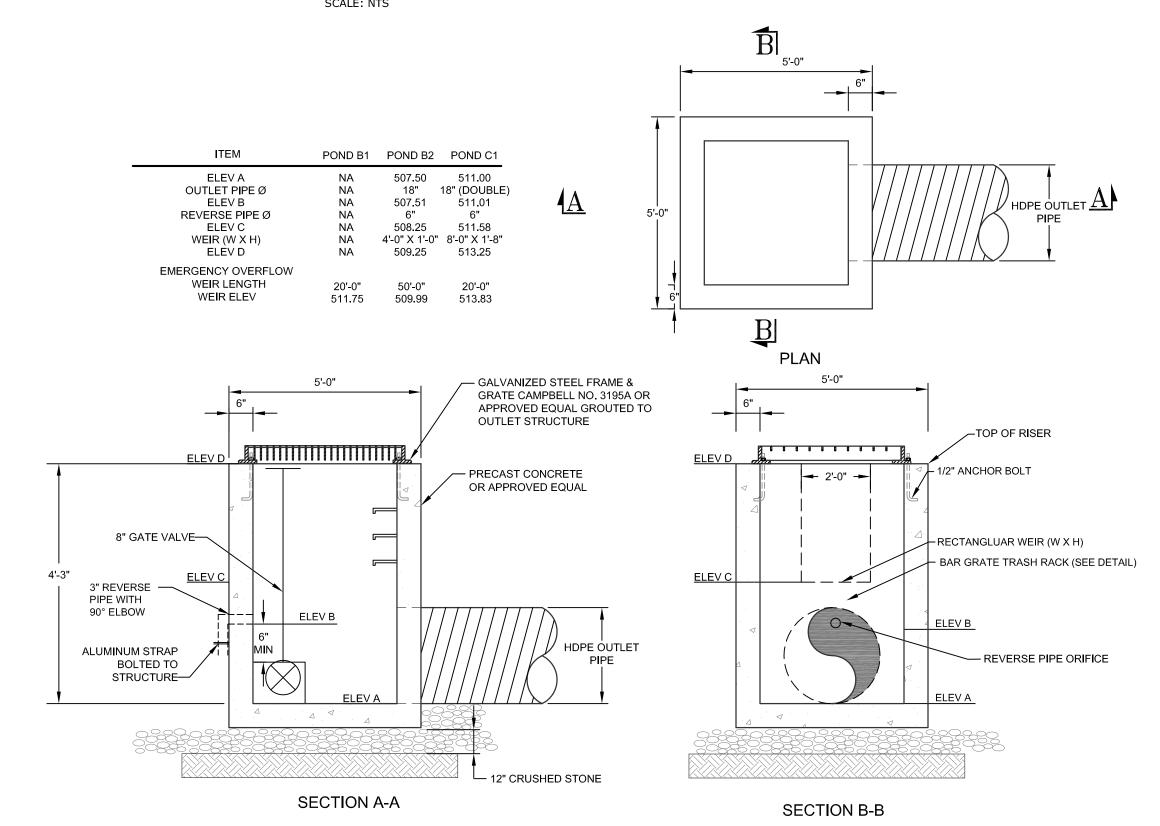
## GRASSED SWALE



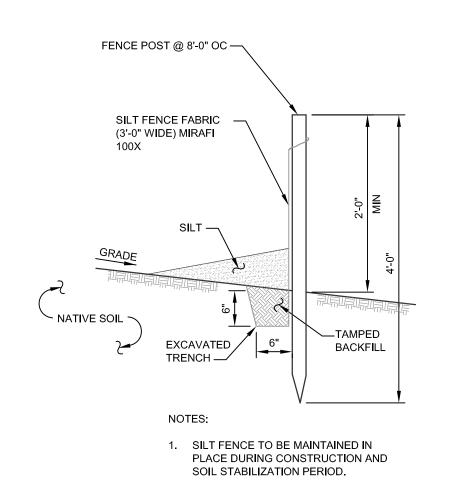


- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2. WIDTH 24 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 3. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 4. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 5. WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 6. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

## STABILIZED CONSTRUCTION ENTRANCE



**OUTLET STRUCTURE** SCALE: NTS



SCALE: N.T.S.

No. DATE DESCRIPTION			
	No.	DATE	DESCRIPTION

<u> </u>		15	
_	SHEET NUMBER		
N/A	OF	N/A	
4	OF	4	
N/A	OF	N/A	
	N/A 4 N/A N/A N/A N/A N/A N/A N/A N/A	N/A OF  N/A OF	

APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

