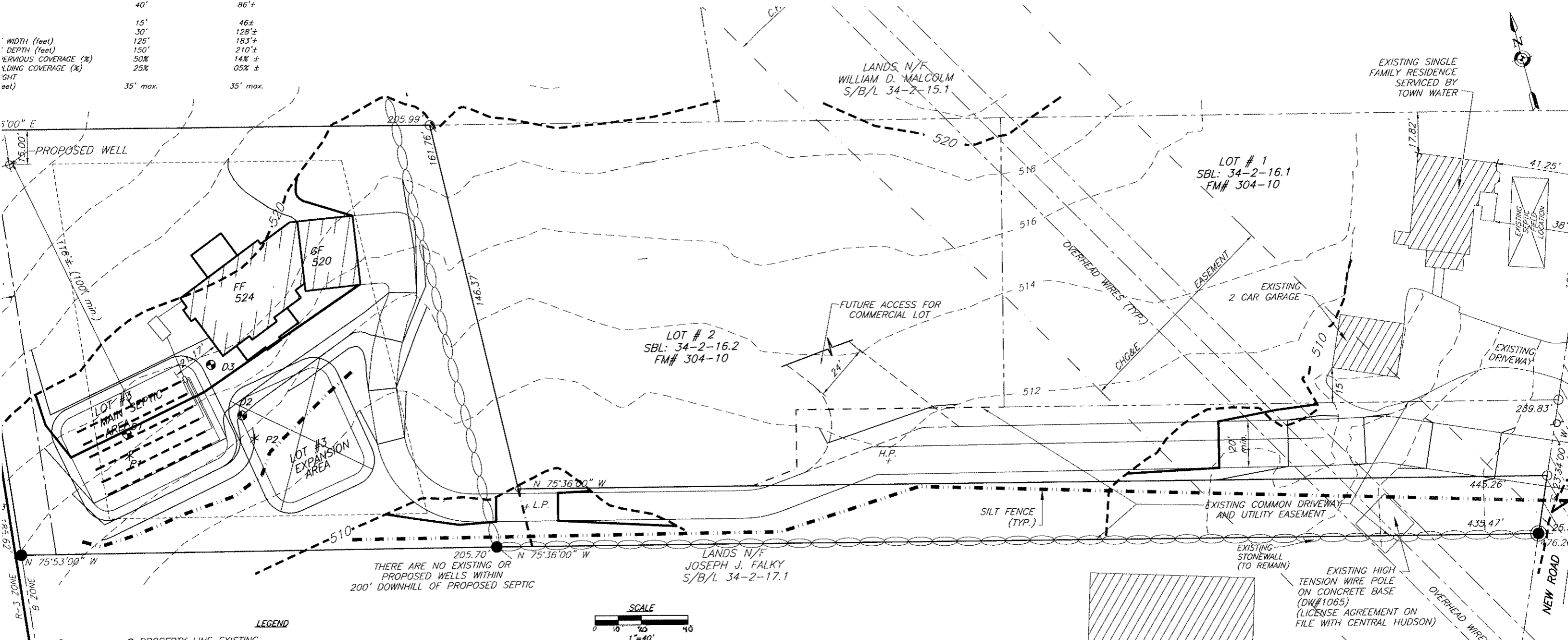
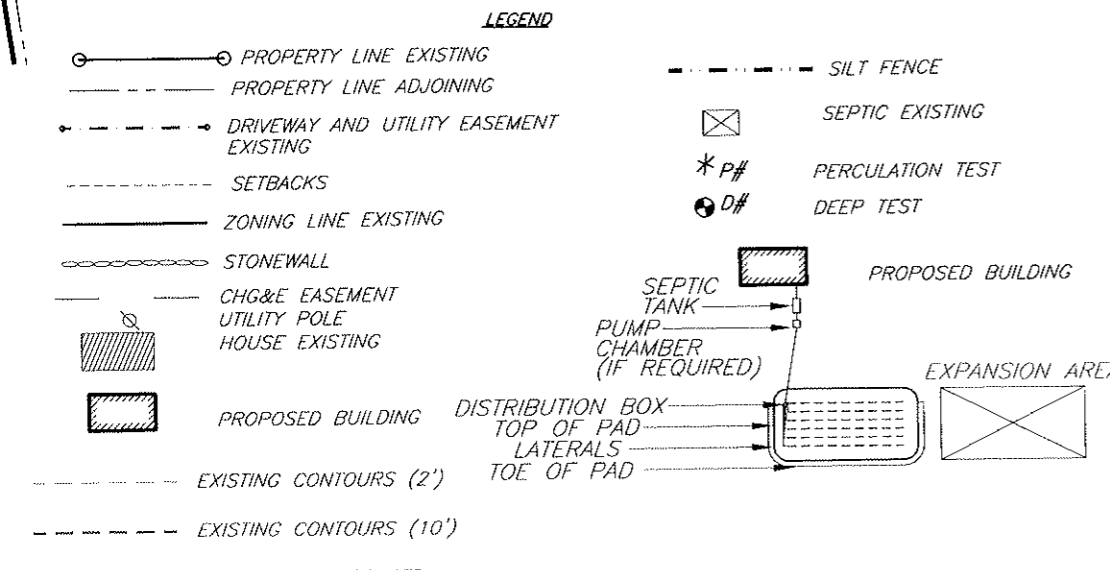
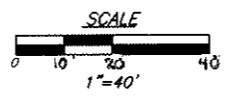


REQUIRE	REQUIRED FOR RESIDENTIAL SINGLE FAMILY (C1a)	PROVIDED LOT #3
AREA DS (feet)	20,000 sf.	50,358 sf.
WIDTH (feet)	40'	41'
DEPTH (feet)	40'	86'±
PERVIOUS COVERAGE (%)	50%	14% ±
LOADING COVERAGE (%)	25%	05% ±
HEIGHT (feet)	35' max.	35' max.



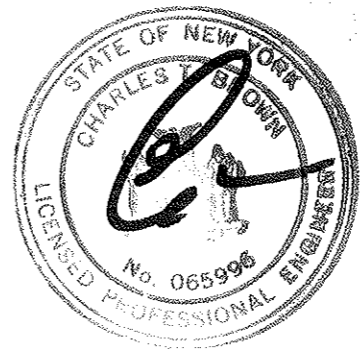
THERE ARE NO EXISTING OR PROPOSED WELLS WITHIN 200' DOWNHILL OF PROPOSED SEPTIC



MAP REFERENCE:
ALL EXISTING FEATURES AND SEPTIC DESIGN ARE PER A SUBDIVISION ENTITLED "CHRIS KELLY" FILED IN ORANGE COUNTY AS FM# 304-10.

TEST	DEPTH	DATE	RESULTS
* P1	12" DEEP	08/01/05	FINISH 12:35 12:40 12:45 START 12:33 12:36 12:41 TIME 0:02 0:04 0:04 STABILIZED PERC RATE = 4 MIN/INCH
* P2	12" DEEP	08/01/05	FINISH 12:53 1:04 1:15 START 12:48 12:54 1:05 TIME 0:05 0:10 0:10 STABILIZED PERC RATE = 10 MIN/INCH
D1	4'-4" DEEP	12/10/04	0-15" TOPSOIL 15'-38" CLAY LOAM W/ GRAVEL AND SOME LARGE STONES 38"-52" SILTY LOAM ROCK @ 52" NO MOTTLING, NO WATER
D2	6'-0" DEEP	12/10/04	0-6" TOPSOIL 6"-72" CLAY LOAM W/ GRAVEL MOTTLING @ 40" NO WATER, NO ROCK
D3	5'-6" DEEP	12/10/04	0-5" TOPSOIL 5"-40" SILTY CLAY LOAM W/ GRAVEL 40"-66" CLAY LOAM W/ LIGHT MOTTLING MOTTLING @ 40" NO ROCK, NO WATER

- DESIGN FLOW**
- (4 BEDROOM DESIGN) 520gal/day
 - SEPTIC TANK DESIGN-1,250gal.
 - STABILIZED PERCOLATION RATE- 10min./inch
 - FLOW RATE (GALS /DAY)-520gpd
 - DESIGN LENGTHS: 6 @ 50'=300ft.(290ft. REQUIRED)
 - FILL REQUIRED: 18"min.



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

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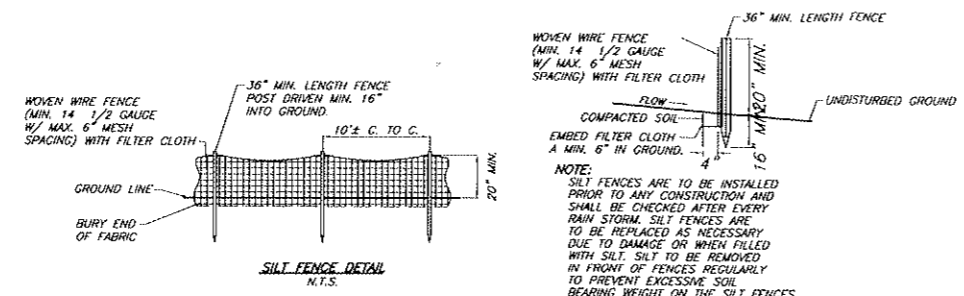
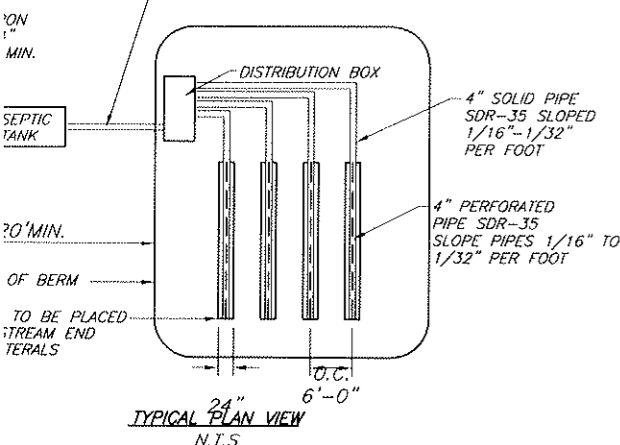
ENGINEER
CHARLES T. BROWN, P.E.
P.O. BOX 4470
NEW WINDSOR, N.Y. 12553

REVISIONS
REV. DATE BY DESCRIPTION

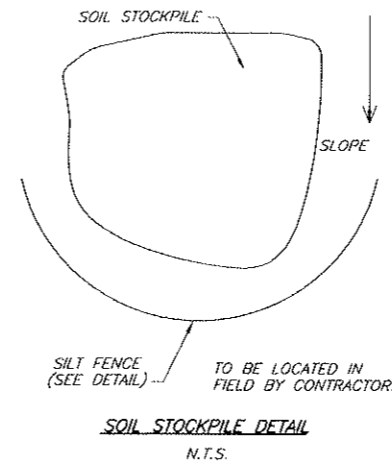
SITE PLAN FOR

GRAVITY

ED IN 6" CMP IF PLACED DRIVEWAY AREAS)



- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INITIALIZE EROSION CONTROL MEASURES. SILT FENCES ARE TO BE USED FOR SEPARATION CONTROL AROUND ALL AREAS THAT WILL BE DISRUPTED DURING CONSTRUCTION. SILT FENCES ARE TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND WILL BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS REESTABLISHED.
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES OR STAPLES EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAF 100X, STABILINKA T140M, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOTAP, ENWAFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



STANDARD NOTES:

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

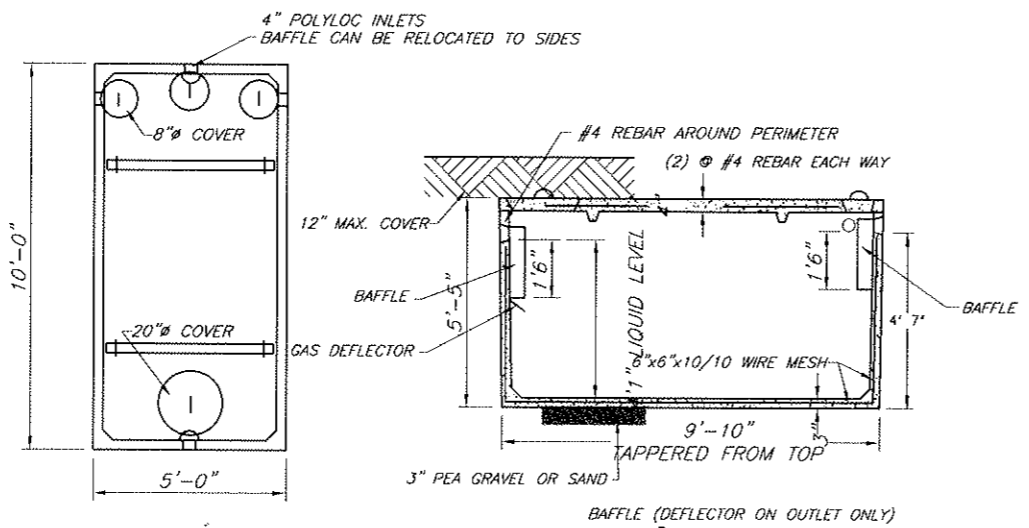
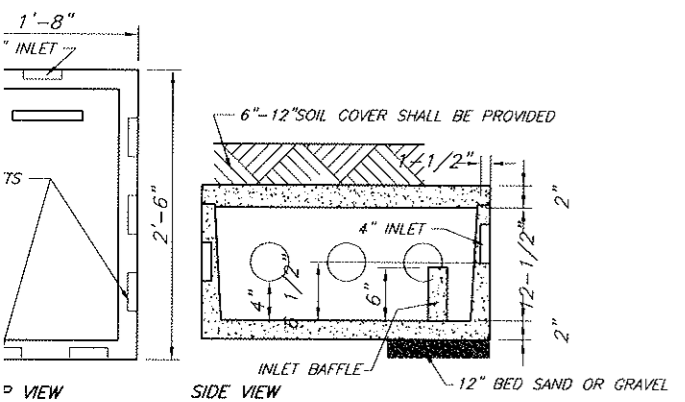
- "APPENDIX 75-A, WASTE TREATMENT -- INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
- "WASTE TREATMENT HANDBOOK, INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE DEPARTMENT OF HEALTH."
- "RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH."
- "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, NEW YORK STATE DEPARTMENT OF HEALTH."

"THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES."

ALL WELLS AND S.D.S. EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND S.D.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.D.S. AND WELL. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE CERTIFYING ENGINEER THAT THE SEPTIC TANK IS SEALED, WATER TIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

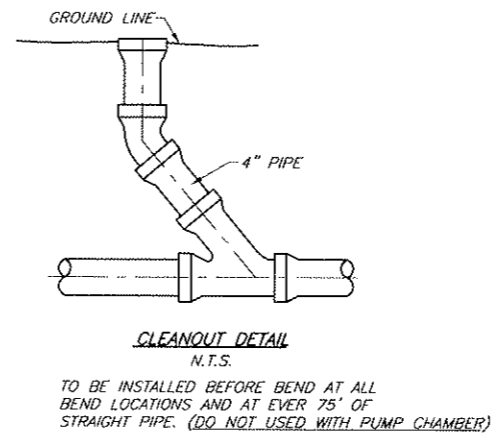
INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.

A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY AND SEWAGE DISPOSAL FACILITY) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE HOUSE, THE ENGINEER SHALL CERTIFY TO THE TOWN OF NEWBURGH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES ARE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS ARE SEALED AND TESTED FOR WATER TIGHTNESS.



SPECIFICATIONS

CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS
REINFORCEMENT- 6"x6"10GA. WWF, #4 REBAR
AIR ENTRAPMENT- 5%
CONSTRUCTION JOINT- BUTYL RUBBER - BASE CEMENT
PIPE CONNECTION- POLYLOC SEAL (PATENTED)
LOAD RATING- 300PSF WEIGHT = 9,500LBS



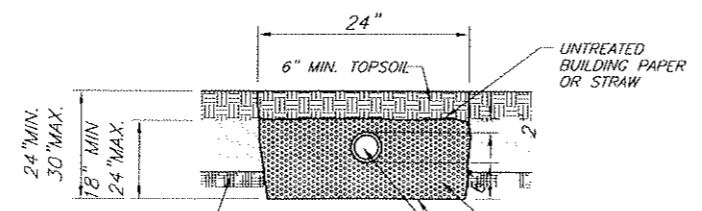
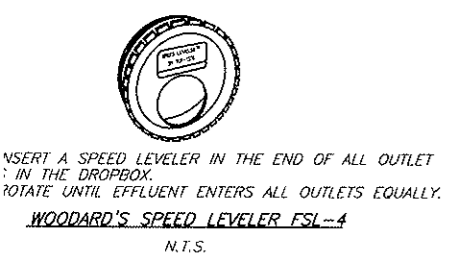
SEPTIC SYSTEM GENERAL NOTES:

- ALL PORTIONS OF THE SEPTIC FIELD WILL BE A MINIMUM DISTANCE OF 200 FEET UP SLOPE AND 100 FEET DOWN SLOPE FROM ANY WELL.
- SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM ANY BUILDING OR PROPERTY LINE.
- CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF ABSORPTION FIELD.
- SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL NOT BE CONSTRUCTED OVER ANY PORTION OF THE ABSORPTION FIELD.
- NO TRENCHES TO BE INSTALLED IN WET SOIL.
- RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
- GROUT ALL PIPE PENETRATIONS TO CONC. SEPTIC TANK & DISTRIBUTION BOX.
- DISTRIBUTION LINES ARE TO BE CAPPED.
- THE PERIMETER OF THE ABSORPTION FIELD SHOULD BE GRADED TO DIVERT SURFACE WATER.
- ALL NEWLY DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED UPON CONSTRUCTION COMPLETION USING GRASS SEED & MULCH.
- NO SEWAGE SYSTEM SHALL BE PLACED WITHIN 35' OF ANY WATER COURSE DRAINAGE DITCH.
- ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE SYSTEM.
- BENDS SHALL BE USED WHEN ENTRANCE OR EXIT FROM SEPTIC TANK IS NOT APPROXIMATELY STRAIGHT. IF BENDS ARE USED AT POINTS OTHER THAN ENTRANCE OR EXIT POINTS, THEN A CLEANOUT IS REQUIRED.
- THE DESIGN AND LOCATION OF THE SANITARY FACILITIES SHALL NOT BE CHANGED WITHOUT RESUBMISSION FOR APPROVAL.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS, OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THESE.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- THE PURCHASER OF THIS LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES.

WOODARD'S PRECAST 8 OUTLET DISTRIBUTION BOX
N.T.S.

SPECIFICATIONS

CRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS
REINFORCEMENT- FIBER
ENTRAPMENT- 5%
CONNECTION- POLYLOC SEAL (PATENTED)
LOAD RATING- 300 PSF WEIGHT = 290 lbs



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

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REVISIONS

REV.	DATE	BY	DESCRIPTION

CONTRACT NO. 12553