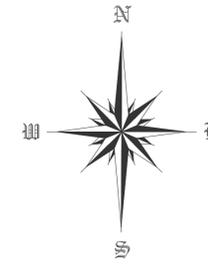


REFERENCE: ORANGE COUNTY GIS (GEOGRAPHICAL INFORMATION SYSTEMS)

VICINITY MAP
SCALE: 1" = 1000'



REF: GOOGLE MAPS

AERIAL MAP
SCALE = N.T.S.



AMENDED SITE PLAN FOR NEW CENTURY FILM 517 NEVERSINK DRIVE SECTION 50 BLOCK 1 LOT 38.23 TOWN OF DEERPARK, NY

DRAWING LIST	
T-1	TITLE SHEET
S-1	EXISTING CONDITIONS
S-2	SITE PLAN
S-3	PARKING PLAN
S-4	GRADING & UTILITIES PLAN
S-5	LIGHTING & LANDSCAPING PLAN
S-6	DETAIL PLAN - SEPTIC & BUILDING 1
S-7	SITE DETAILS
S-8	SEPTIC DETAILS

TOWN OF DEERPARK
PLANNING BOARD APPROVAL

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DL	2	UPDATED REVISION FOR SUBMISSION	06/11/21	
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John D. Fuller

JOHN D. FULLER
REG. NO. 077703

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JOHN D. FULLER, P.E., P.C.

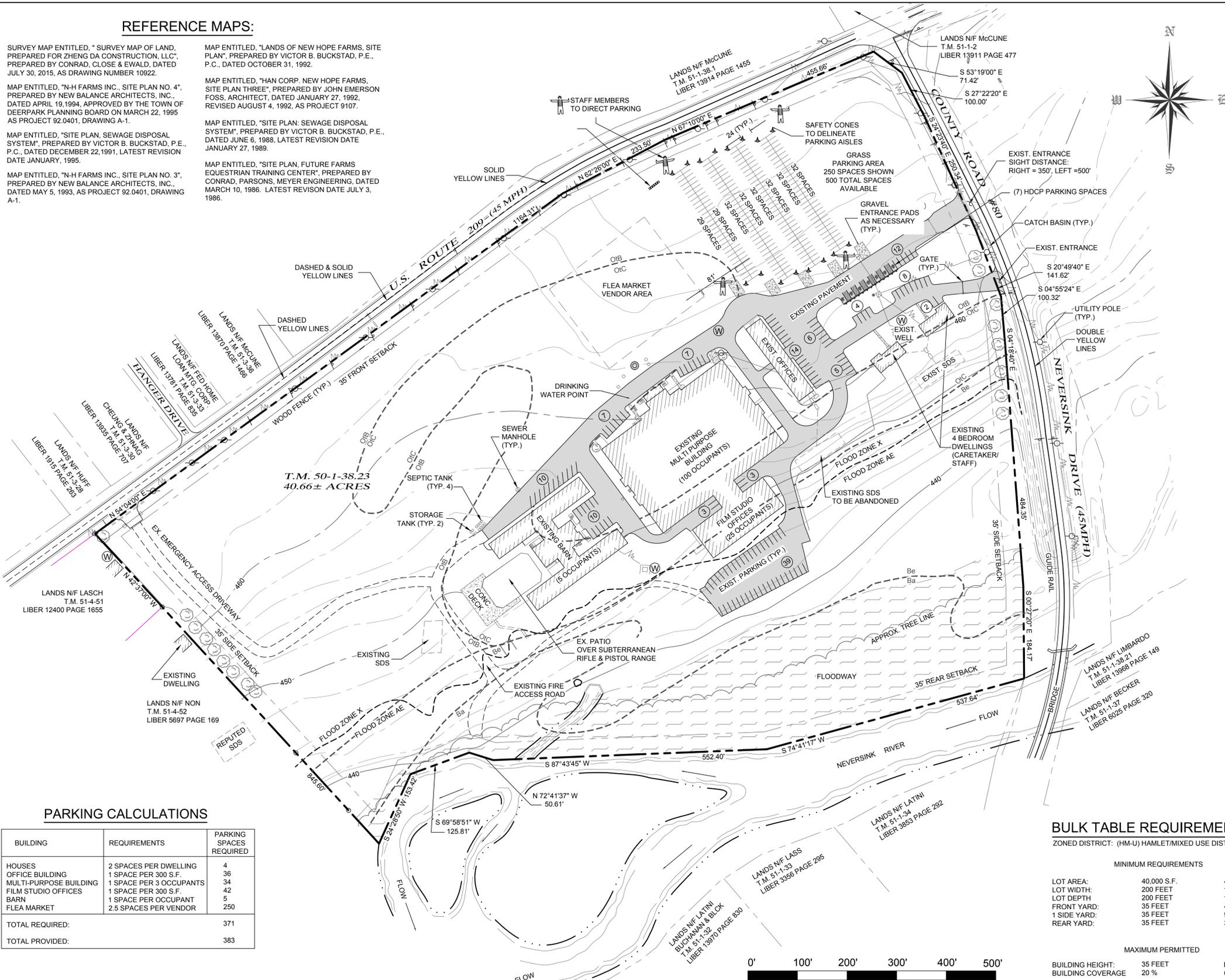
NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **TITLE SHEET** DWG NO. **T-1**

SCALE: AS NOTED JOB NO. 2202.003

REFERENCE MAPS:

- SURVEY MAP ENTITLED, "SURVEY MAP OF LAND, PREPARED FOR ZHENG DA CONSTRUCTION, LLC", PREPARED BY CONRAD, CLOSE & EWALD, DATED JULY 30, 2015, AS DRAWING NUMBER 10922.
- MAP ENTITLED, "N-H FARMS INC., SITE PLAN NO. 4", PREPARED BY NEW BALANCE ARCHITECTS, INC., DATED APRIL 19, 1994, APPROVED BY THE TOWN OF DEERPARK PLANNING BOARD ON MARCH 22, 1995 AS PROJECT 92.0401, DRAWING A-1.
- MAP ENTITLED, "SITE PLAN, SEWAGE DISPOSAL SYSTEM", PREPARED BY VICTOR B. BUCKSTAD, P.E., P.C., DATED DECEMBER 22, 1991, LATEST REVISION DATE JANUARY, 1995.
- MAP ENTITLED, "N-H FARMS INC., SITE PLAN NO. 3", PREPARED BY NEW BALANCE ARCHITECTS, INC., DATED MAY 5, 1993, AS PROJECT 92.0401, DRAWING A-1.
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- MAP ENTITLED, "HAN CORP. NEW HOPE FARMS, SITE PLAN THREE", PREPARED BY JOHN EMERSON FOSS, ARCHITECT, DATED JANUARY 27, 1992, REVISED AUGUST 4, 1992, AS PROJECT 9107.
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LEGEND

- (W) EXISTING WELL
- (S) MANHOLE
- N/F NOW OR FORMERLY
- UTILITY POLE
- WOOD FENCE
- GUIDE RAIL
- OVERHEAD UTILITIES
- TRANSFORMER
- CATCH BASIN
- TREES/TREE LINE
- VENDOR AREA
- SOILS LINE
- CONTOUR LINES
- PROPERTY LINE
- SETBACK LINE
- EXISTING BUILDING
- FLOODWAY
- FLOOD ZONE LINE
- WATER EDGE
- A/C UNITS
- GAS METER
- EXISTING SDS

GENERAL NOTES

- OWNER OF RECORD: XIN SHI JI CORPORATION
APPLICANT: NEW CENTURY FILM
517 NEVERSINK DRIVE
PORT JERVIS, NY 12771
- TAX MAP DESIGNATION: SECTION 50 BLOCK 1 LOT 38.23
- PARCEL ZONED: HM-U (HAMLET/MIXED USE DISTRICT)
- TOTAL AREA: 40.66± ACRES
- EXISTING USES: FILM STUDIO, SINGLE FAMILY DWELLINGS, OFFICES, UNDERGROUND PISTOL, RIFLE RANGE AND FLEA MARKET (SHOPPING CENTER).
- HOURS OF OPERATION: SATURDAY AND SUNDAY 9AM - 4PM, MAY THROUGH NOVEMBER
FLEA MARKET VENDORS SHALL SETUP AT 8AM ON SATURDAY AND SHALL VACATE THE PREMISE BY 6PM ON SUNDAY.
- WELLS AND SEPTIC SYSTEMS ARE EXISTING AND REGULATED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH. ANY CHANGES TO THE SYSTEMS SHALL BE SUBMITTED TO THE DEPT OF HEALTH FOR REVIEW AND APPROVAL.
- PORTABLE TOILETS WILL BE SUPPLIED DURING FLEA MARKET WEEKENDS. - 5 UNITS REQUIRED FOR 450 PEOPLE OVER 6 HOURS. 5 UNITS PROVIDED.
- WELL AND SEPTIC SYSTEMS ARE FOR THE PREVIOUSLY APPROVED USES, AND SHALL NOT BE USED BY VENDORS AND/OR PATRONS OF THE FLEA MARKET.
- THE NUMBER OF PATRONS SHALL NOT EXCEED 1,000 PEOPLE AT ANY GIVEN TIME AND THIS PROJECT SHALL NOT BE CONSIDERED A MASS GATHERING.
- VENDOR STALLS ARE DESIGNATED SPACES ON THE FRONT LAWN. INDIVIDUAL VENDORS SHALL PROVIDE TABLES, CHAIRS, CANOPIES, UMBRELLAS, ETC. THAT WILL BE DISASSEMBLED AND REMOVED AT THE COMPLETION OF EACH FLEA MARKET WEEKEND.
- PARKING SHALL BE PROVIDED ON THE FRONT LAWN. SURFACES MAY BE STABILIZED WITH GRAVEL AS NEEDED.
- UP TO FIVE (5) 4' X 18' BANNERS ARE PROPOSED TO ADVERTISE THE FLEA MARKET AND SHALL BE HUNG ALONGS THE FENCE, NO LESS THAN 100FT FROM ANY INTERSECTION. NO EXTERIOR LIGHTING IS PROPOSED.
- ANY VENDOR THAT IS SELLING FOOD AND/OR DRINK SHALL BE REQUIRED TO HAVE IN THEIR POSSESSION THE NECESSARY PERMIT FROM THE ORANGE COUNTY DEPARTMENT OF HEALTH. NO ALCOHOL SHALL BE PERMITTED.
- VENDORS SHALL BE RESPONSIBLE FOR REMOVAL OF THEIR OWN WASTE. APPLICANT SHALL PROVIDE WASTE CONTAINERS AROUND SITE FOR PATRONS AND SHALL DISPOSE OF THE WASTE AT A NYSDC APPROVED LANDFILL.

PARKING CALCULATIONS

BUILDING	REQUIREMENTS	PARKING SPACES REQUIRED
HOUSES	2 SPACES PER DWELLING	4
OFFICE BUILDING	1 SPACE PER 300 S.F.	36
MULTI-PURPOSE BUILDING	1 SPACE PER 3 OCCUPANTS	34
FILM STUDIO OFFICES	1 SPACE PER 300 S.F.	42
BARN	1 SPACE PER OCCUPANT	5
FLEA MARKET	2.5 SPACES PER VENDOR	250
TOTAL REQUIRED:		371
TOTAL PROVIDED:		383

SEPTIC CALCULATIONS

BUILDING / USE	DESIGN FLOW	SEPTIC TANK (1.5 X DESIGN FLOW)		ABSORPTION LENGTH / AREA	
		REQD	PROV	REQD	EXIST
CARETAKER HOUSE (4 X 110 GPD)	440 GPD				
STAFF HOUSE (4 X 110 GPD)	440 GPD = 880 GPD	1,320 GAL	3,000 GAL	490 FT	500 FT
OFFICE BUILDING (60 X 15 GPD)	900 GPD	1,320 GAL	3,000 GAL	500 FT	500 FT
MULTI-PURPOSE BUILDING (100 X 15 GPD)	1,950 GPD	2,925 GAL	6,000 GAL	1,950 GPD	DRY WELLS PROVIDED
FILM STUDIO OFFICD (25 X 15 GPD)					
BARN (5 X 15 GPD)					

BULK TABLE REQUIREMENTS:

ZONED DISTRICT: (HM-U) HAMLET/MIXED USE DISTRICT

	MINIMUM REQUIREMENTS	EXISTING
LOT AREA:	40,000 S.F.	40.66± ACRES
LOT WIDTH:	200 FEET	186± FEET
LOT DEPTH:	200 FEET	119± FEET
FRONT YARD:	35 FEET	42± FEET
1 SIDE YARD:	35 FEET	98± FEET
REAR YARD:	35 FEET	388± FEET
MAXIMUM PERMITTED		
BUILDING HEIGHT:	35 FEET	EXISTING
BUILDING COVERAGE	20 %	6 %



SCALE: 1" = 100'

EXISTING CONDITIONS

SCALE: 1" = 100'

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JOHN D. FULLER
REG. NO. 077703

TOWN OF DEERPARK
PLANNING BOARD APPROVAL

JOHN D. FULLER, P.E., P.C.
4 SOUTH STREET
PORT JERVIS, NY 12771
(845) 856-1536

NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **EXISTING CONDITIONS**
SCALE: AS NOTED
JOB NO.: 2202.003
DWG NO.: **S-1**

REFERENCE MAPS:

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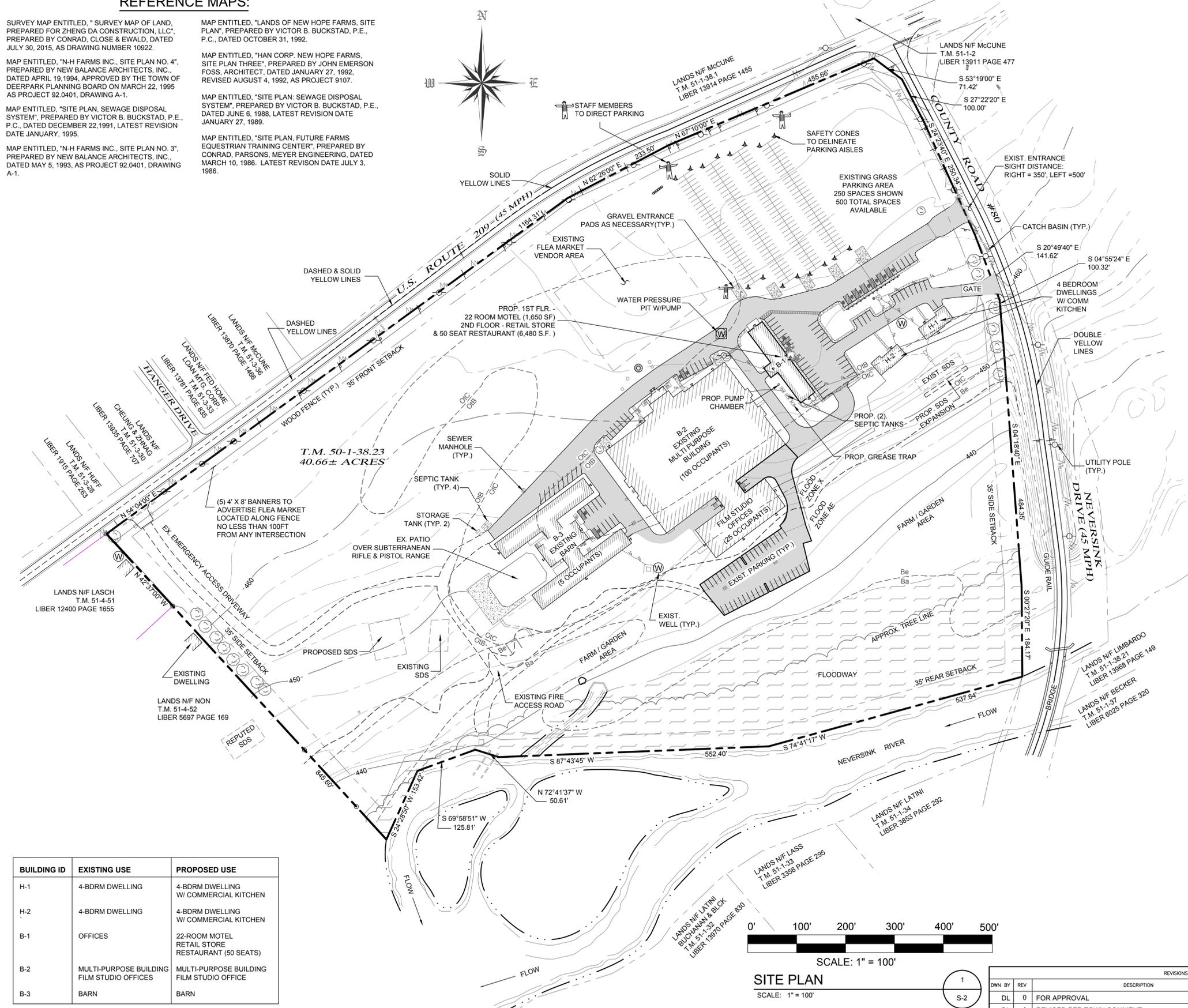
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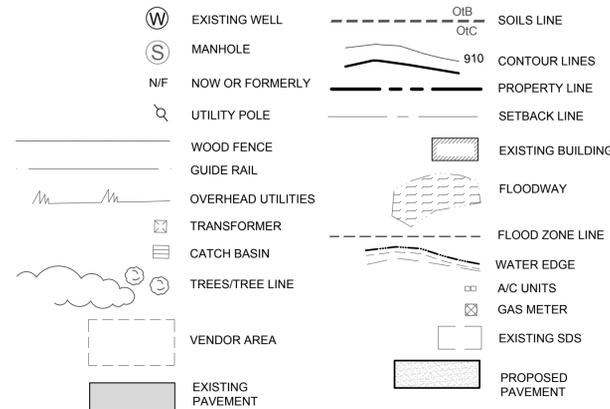
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LEGEND



GENERAL NOTES

- OWNER OF RECORD: XIN SHI JI CORPORATION
APPLICANT: NEW CENTURY FILM
517 NEVERSINK DRIVE
PORT JERVIS, NY 12771
- TAX MAP DESIGNATION: SECTION 50 BLOCK 1 LOT 38.23
- PARCEL ZONED: HM-U (HAMLET/MIXED USE DISTRICT)
- TOTAL AREA: 40.66± ACRES
- EXISTING USES: (2) SINGLE FAMILY DWELLINGS, OFFICES, MULTI-PURPOSE BUILDING, FILM STUDIO, BARN, UNDERGROUND PISTOL & RIFLE RANGE AND FLEA MARKET (SHOPPING CENTER).
PROPOSED USES: SINGLE FAMILY DWELLING W/ COMMERCIAL KITCHEN, SINGLE FAMILY DWELLING, 22 ROOM MOTEL, RETAIL SPACE, RESTAURANT (50 SEATS), MULTI-PURPOSE BUILDING, FILM STUDIO, BARN, UNDERGROUND PISTOL & RIFLE RANGE AND FLEA MARKET (SHOPPING CENTER).
- PROPOSED RESTAURANT HOURS OF OPERATION:
SUNDAY - THURSDAY 11AM - 9PM
FRIDAY - SATURDAY 11AM - 11PM
- RESTAURANT NUMBER OF EMPLOYEES: TWENTY (20) TOTAL
- EXISTING WELLS AND SEPTIC SYSTEMS ARE REGULATED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH. AN APPLICATION SHALL BE MADE TO THE DEPT OF HEALTH FOR REVIEW AND APPROVAL.
- PORTABLE TOILETS WILL BE SUPPLIED FOR EVENTS HELD IN THE MULTI-PURPOSE BUILDING.

BULK TABLE REQUIREMENTS:

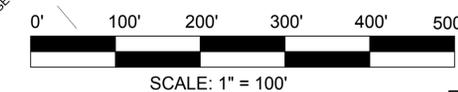
ZONED DISTRICT: (HM-U) HAMLET/MIXED USE DISTRICT

	MINIMUM REQUIREMENTS	EXISTING
LOT AREA:	40,000 S.F.	40.66± ACRES
LOT WIDTH:	200 FEET	1865± FEET
LOT DEPTH:	200 FEET	1190± FEET
FRONT YARD:	35 FEET	420± FEET
1 SIDE YARD:	35 FEET	98± FEET
REAR YARD:	35 FEET	388± FEET

	MAXIMUM PERMITTED	EXISTING
BUILDING HEIGHT:	35 FEET	EXISTING
BUILDING COVERAGE:	20 %	6 %

BUILDING ID	EXISTING USE	PROPOSED USE
H-1	4-BDRM DWELLING	4-BDRM DWELLING W/ COMMERCIAL KITCHEN
H-2	4-BDRM DWELLING	4-BDRM DWELLING W/ COMMERCIAL KITCHEN
B-1	OFFICES	22-ROOM MOTEL RETAIL STORE RESTAURANT (50 SEATS)
B-2	MULTI-PURPOSE BUILDING FILM STUDIO OFFICES	MULTI-PURPOSE BUILDING FILM STUDIO OFFICE
B-3	BARN	BARN

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SITE PLAN
SCALE: 1" = 100'

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Signature of John D. Fuller, P.E., P.C.

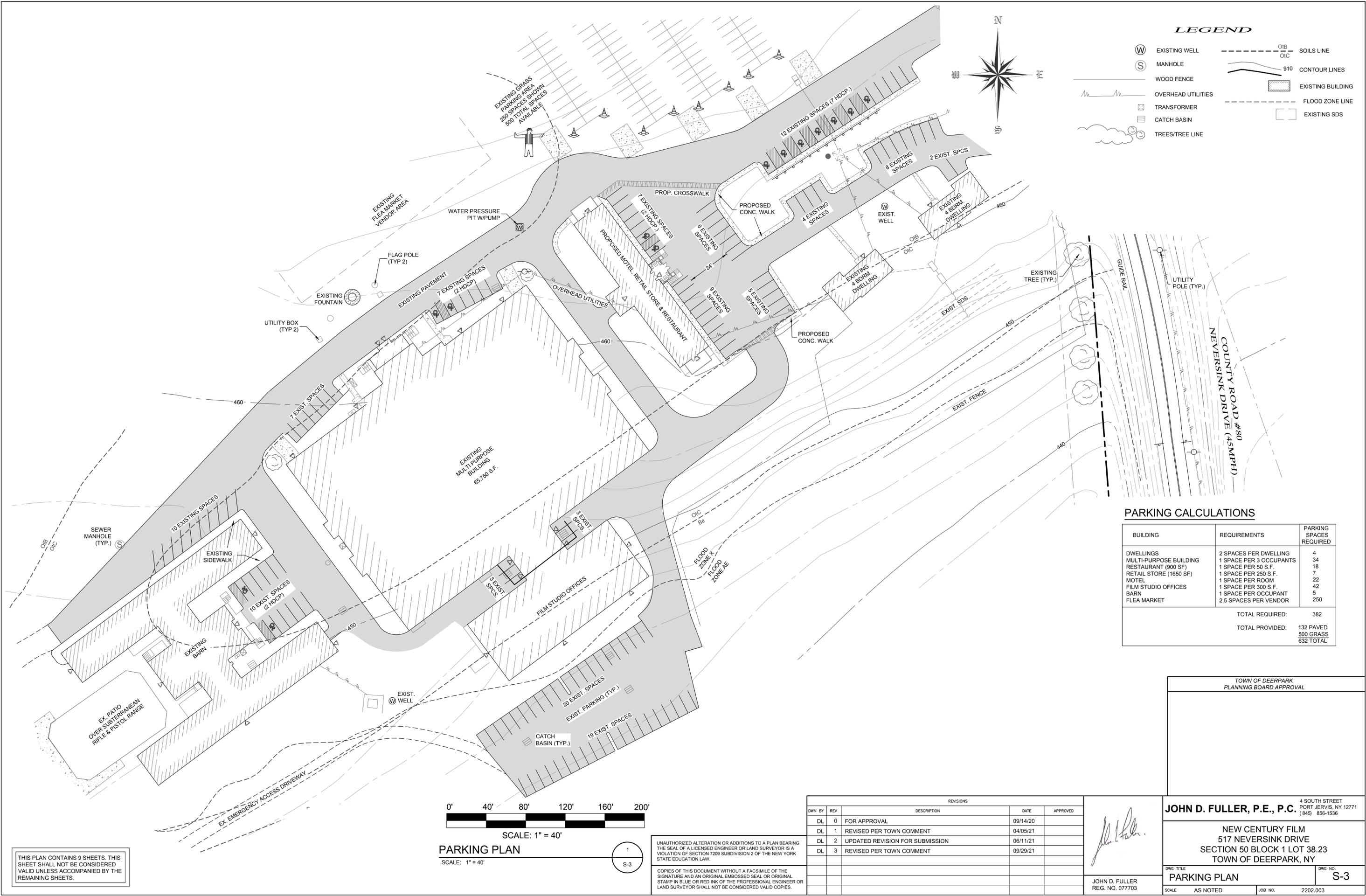
TOWN OF DEERPARK
PLANNING BOARD APPROVAL

JOHN D. FULLER, P.E., P.C. 4 SOUTH STREET
PORT JERVIS, NY 12771
(845) 856-1536

NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **SITE PLAN** DWG NO: **S-2**

SCALE: AS NOTED JOB NO. 2202.003

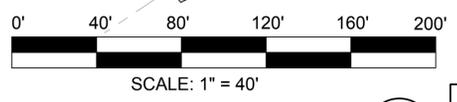


LEGEND

- (W) EXISTING WELL
- (S) MANHOLE
- WOOD FENCE
- OVERHEAD UTILITIES
- ☒ TRANSFORMER
- ☒ CATCH BASIN
- ☁ TREES/TREE LINE
- OIB / OIC SOILS LINE
- 910 CONTOUR LINES
- ▨ EXISTING BUILDING
- - - FLOOD ZONE LINE
- EXISTING SDS

PARKING CALCULATIONS

BUILDING	REQUIREMENTS	PARKING SPACES REQUIRED
DWELLINGS	2 SPACES PER DWELLING	4
MULTI-PURPOSE BUILDING	1 SPACE PER 3 OCCUPANTS	34
RESTAURANT (900 SF)	1 SPACE PER 50 S.F.	18
RETAIL STORE (1650 SF)	1 SPACE PER 250 S.F.	7
MOTEL	1 SPACE PER ROOM	22
FILM STUDIO OFFICES	1 SPACE PER 300 S.F.	42
BARN	1 SPACE PER OCCUPANT	5
FLEA MARKET	2.5 SPACES PER VENDOR	250
TOTAL REQUIRED:		382
TOTAL PROVIDED:		132 PAVED 500 GRASS 632 TOTAL



PARKING PLAN
SCALE: 1" = 40"

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PLANNING BOARD APPROVAL

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NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **PARKING PLAN** DWG NO: **S-3**

SCALE: AS NOTED JOB NO. 2202.003

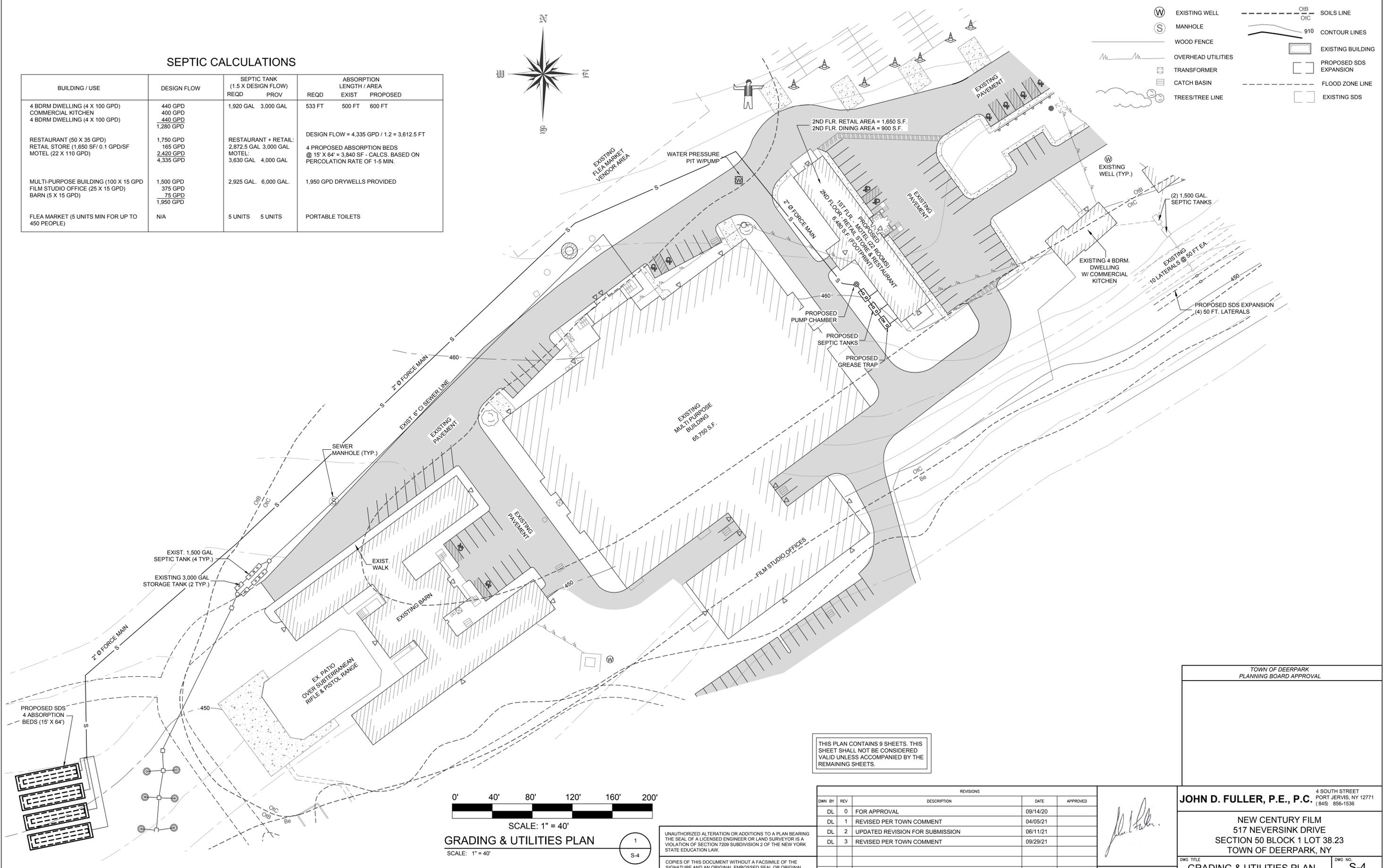
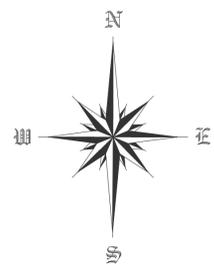
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SEPTIC CALCULATIONS

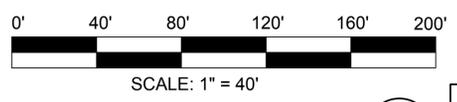
BUILDING / USE	DESIGN FLOW	SEPTIC TANK (1.5 X DESIGN FLOW)		ABSORPTION LENGTH / AREA		
		REQD	PROV	REQD	EXIST	PROPOSED
4 BDRM DWELLING (4 X 100 GPD) COMMERCIAL KITCHEN 4 BDRM DWELLING (4 X 100 GPD)	440 GPD 400 GPD 440 GPD 1,280 GPD	1,920 GAL	3,000 GAL	533 FT	500 FT	600 FT
RESTAURANT (50 X 35 GPD) RETAIL STORE (1,650 SF/ 0.1 GPD/SF) MOTEL (22 X 110 GPD)	1,750 GPD 165 GPD 2,420 GPD 4,335 GPD	RESTAURANT + RETAIL: 2,872.5 GAL 3,000 GAL MOTEL: 3,630 GAL 4,000 GAL		DESIGN FLOW = 4,335 GPD / 1.2 = 3,612.5 FT 4 PROPOSED ABSORPTION BEDS @ 15' X 64' = 3,840 SF - CALCS. BASED ON PERCOLATION RATE OF 1-5 MIN.		
MULTI-PURPOSE BUILDING (100 X 15 GPD) FILM STUDIO OFFICE (25 X 15 GPD) BARN (5 X 15 GPD)	1,500 GPD 375 GPD 75 GPD 1,950 GPD	2,925 GAL	6,000 GAL	1,950 GPD DRYWELLS PROVIDED		
FLEA MARKET (5 UNITS MIN FOR UP TO 450 PEOPLE)	N/A	5 UNITS	5 UNITS	PORTABLE TOILETS		

LEGEND

- (W) EXISTING WELL
- (S) MANHOLE
- WOOD FENCE
- OVERHEAD UTILITIES
- TRANSFORMER
- CATCH BASIN
- TREES/TREE LINE
- SOILS LINE
- 910 CONTOUR LINES
- EXISTING BUILDING
- PROPOSED SDS EXPANSION
- FLOOD ZONE LINE
- EXISTING SDS



THIS PLAN CONTAINS 9 SHEETS. THIS SHEET SHALL NOT BE CONSIDERED VALID UNLESS ACCOMPANIED BY THE REMAINING SHEETS.



GRADING & UTILITIES PLAN

1
S-4

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REG. NO. 077703

TOWN OF DEERPARK
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517 NEVERSINK DRIVE
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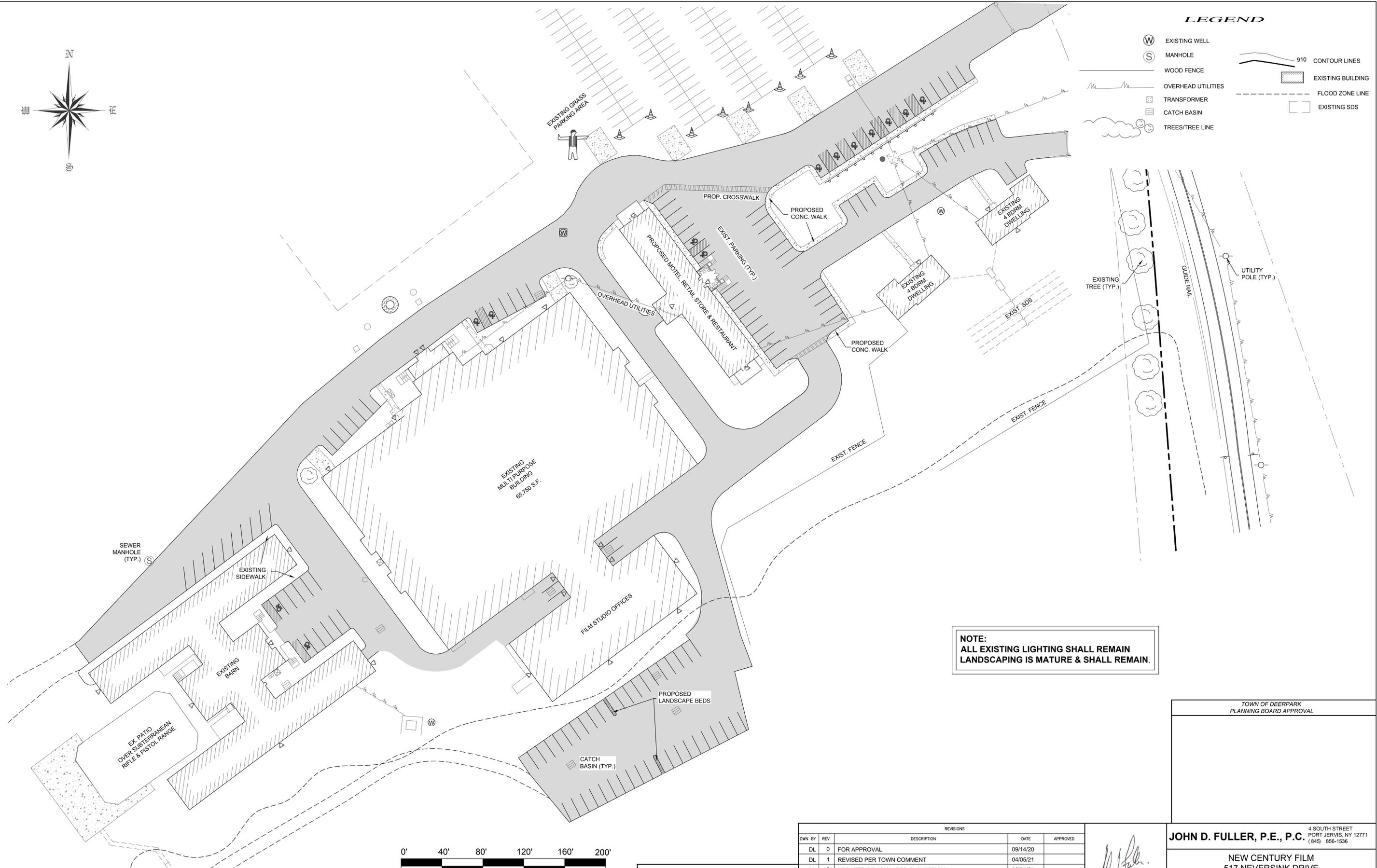
DWG TITLE: **GRADING & UTILITIES PLAN** DWG NO: **S-4**

SCALE: AS NOTED JOB NO. 2202.003



LEGEND

- (W) EXISTING WELL
- (S) MANHOLE
- WOOD FENCE
- OVERHEAD UTILITIES
- ☒ TRANSFORMER
- ☒ CATCH BASIN
- ☁ TREES/TREE LINE
- 910 CONTOUR LINES
- ▨ EXISTING BUILDING
- - - FLOOD ZONE LINE
- EXISTING SDS



NOTE:
ALL EXISTING LIGHTING SHALL REMAIN
LANDSCAPING IS MATURE & SHALL REMAIN.

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SCALE: 1" = 40'
LIGHTING & LANDSCAPING PLAN 1
SCALE: 1" = 40' S-5

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John D. Fuller
JOHN D. FULLER
REG. NO. 077703

TOWN OF DEERPARK
PLANNING BOARD APPROVAL

JOHN D. FULLER, P.E., P.C. 4 SOUTH STREET
PORT JERVIS, NY 12771
(845) 856-1536

NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **LIGHTING & LANDSCAPING PLAN** DWG NO: **S-5**

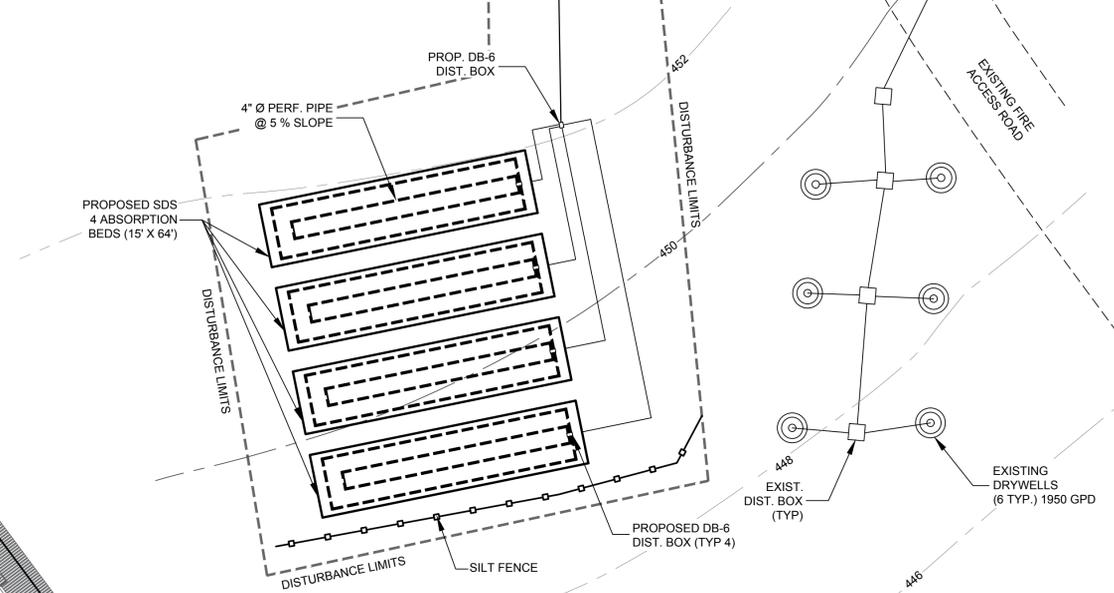
SCALE: AS NOTED JOB NO. 2202.003

DEEP PIT TEST RESULTS		
T1 - 9/27/21	T2 - 9/27/21	T3 - 9/27/21
0'-4" GRAVEL SAND MIX	0'-4" GRAVEL SAND MIX	0'-3" GRAVEL SAND MIX
4'-36" SANDY GRAVEL LOAM	4'-20" SANDY GRAVEL LOAM	3'-16" SANDY GRAVEL LOAM
36'-72" SANDY LOAM W/ GRAVEL	20'-72" SANDY LOAM W/ GRAVEL	16'-72" SANDY LOAM W/ GRAVEL
NO WATER NO BEDROCK NO MOTTLING	NO WATER NO BEDROCK NO MOTTLING	NO WATER NO BEDROCK NO MOTTLING

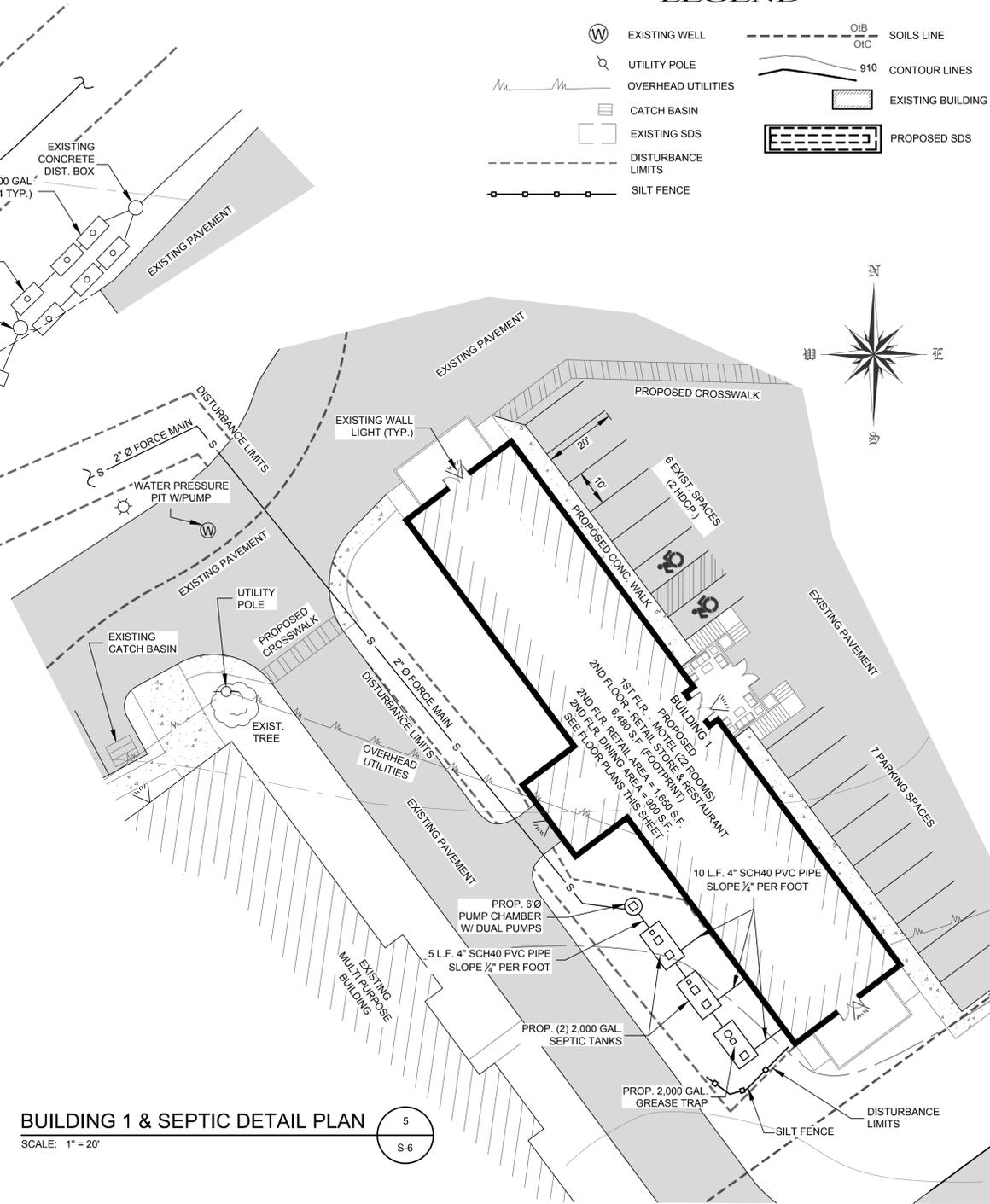
PERCOLATION TEST RESULTS				
DATE	TEST NO.	DEPTH OF HOLE (IN.)	STABILIZED RATE (MIN.)	DESIGN RATE (MIN.)
09/27/21	P1	24	1:00	
09/27/21	P2	24	1:00	1-5



FLOOR PLAN - FIRST FLOOR
SCALE: 1" = 20"
BUILDING 1

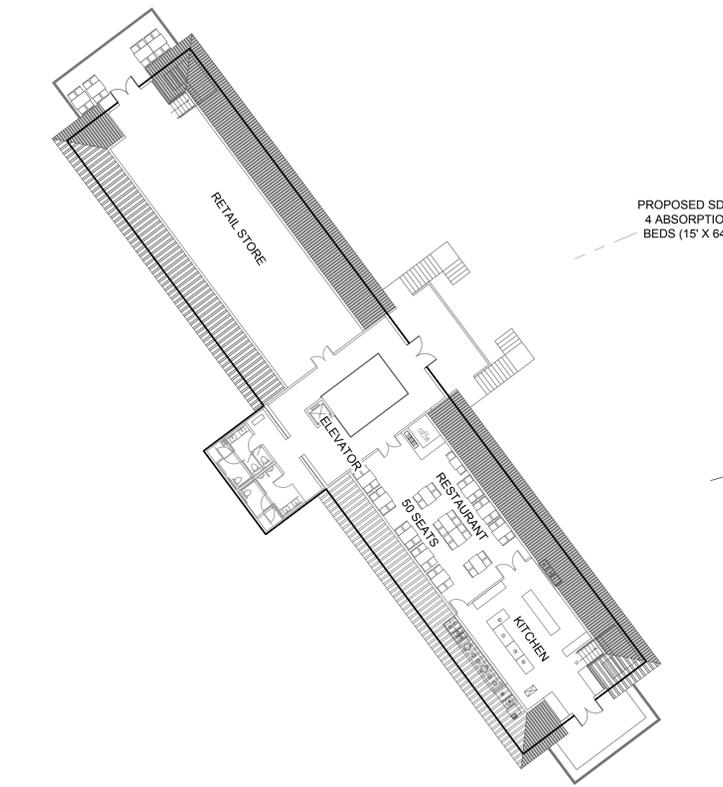


SEPTIC DETAIL PLAN
SCALE: 1" = 20"
BUILDING 1



BUILDING 1 & SEPTIC DETAIL PLAN
SCALE: 1" = 20"
BUILDING 1

AREA OF DISTURBANCE
38,252 S.F. / 0.88± ACRES



FLOOR PLAN - SECOND FLOOR
SCALE: 1" = 20"
BUILDING 1

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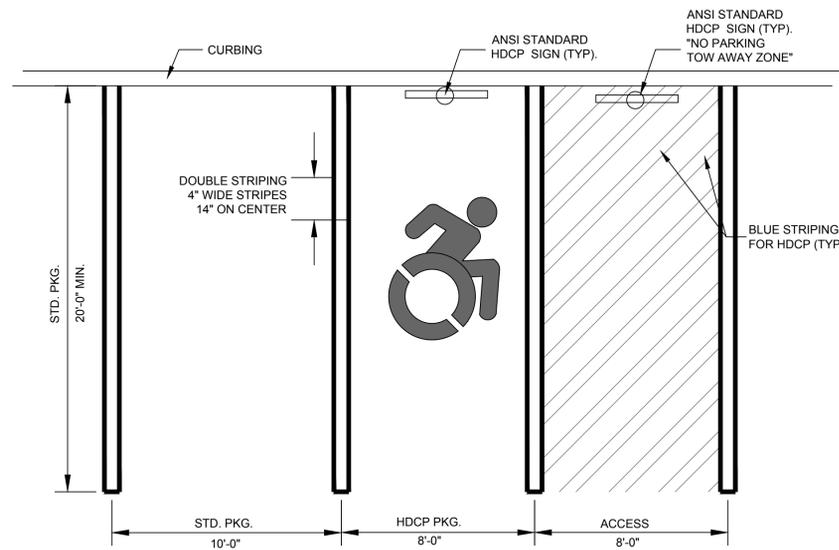
NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **DETAIL PLAN - SEPTIC & BUILDING 1**
SCALE: AS NOTED
JOB NO.: 2202.003

DWG NO.: **S-6**

LEGEND

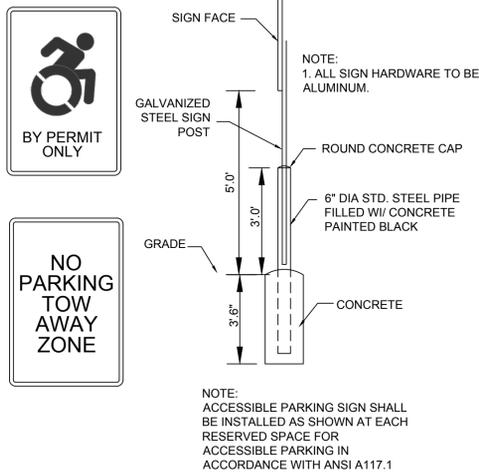
	EXISTING WELL		SOILS LINE
	UTILITY POLE		910 CONTOUR LINES
	OVERHEAD UTILITIES		EXISTING BUILDING
	CATCH BASIN		PROPOSED SDS
	EXISTING SDS		
	DISTURBANCE LIMITS		
	SILT FENCE		



TYPICAL PARKING / HANDICAP PARKING SPACE DETAIL

SCALE: N. T. S.

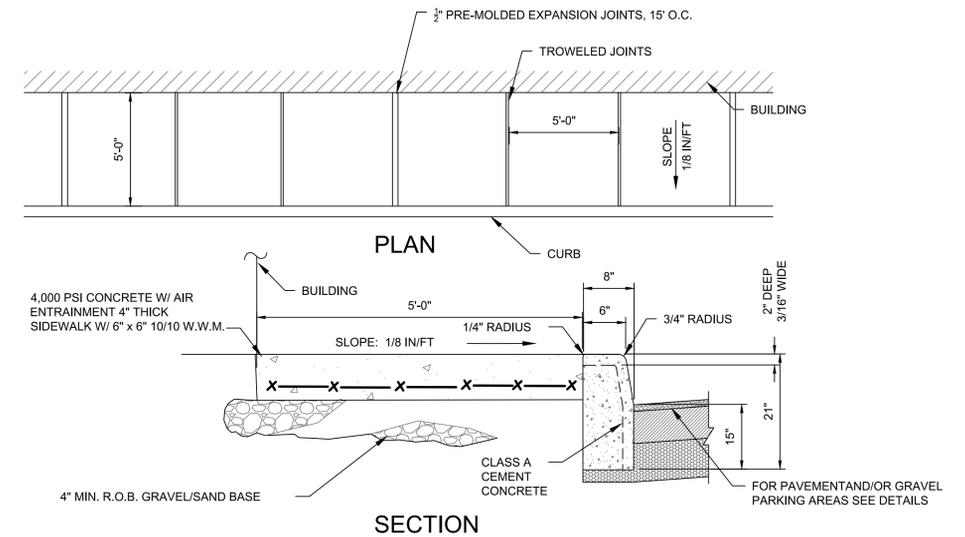
1
S-7



TYPICAL ACCESSIBLE PARKING SIGN

SCALE: N. T. S.

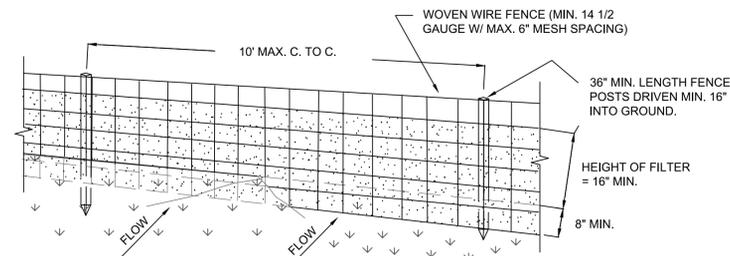
2
S-7



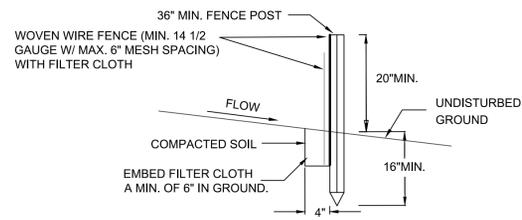
STANDARD SIDEWALK, CURB & PAVEMENT DETAIL

SCALE: N. T. S.

3
S-7



PERSPECTIVE VIEW



SECTION VIEW

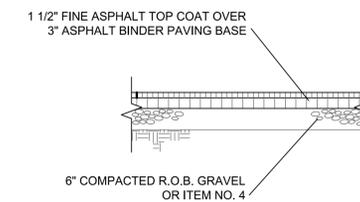
SILT FENCE DETAIL

SCALE: NTS

4
S-7

CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. 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, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



SITE PAVING DETAIL

SCALE: N. T. S.

5
S-7

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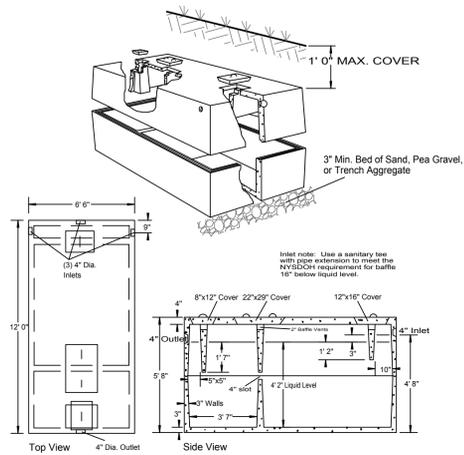
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NEW CENTURY FILM
517 NEVERSINK DRIVE
SECTION 50 BLOCK 1 LOT 38.23
TOWN OF DEERPARK, NY

DWG TITLE: **SITE DETAILS**
SCALE: AS NOTED
JOB NO.: 2202.003
DWG NO.: **S-7**

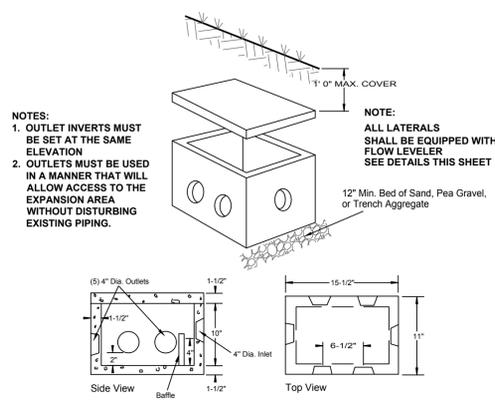


SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #4 Rebar, 6x6x10ga. WWM Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Weight = 13,100 lbs Load Rating: 300 psf	PRECAST SEPTIC TANKS MODEL ST-2000 / 2000 GALLONS Woodard's Concrete Products, Inc. 629 Lybott Road, Bulville, NY 10915 (845) 361-3471 / Fax 361-1050

PRECAST CONCRETE SEPTIC TANK

SCALE: N.T.S.

1
S-8

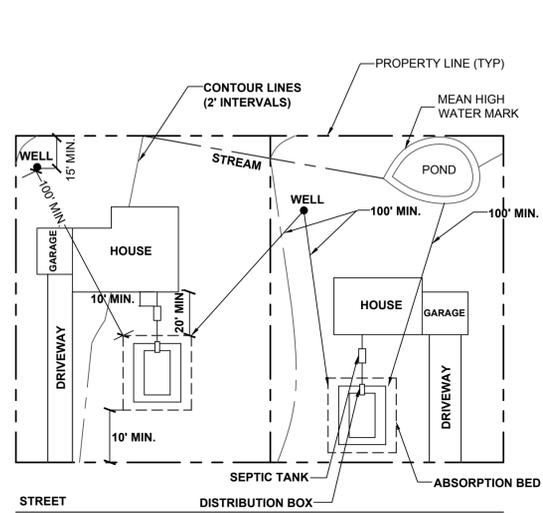


SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #4 Rebar, 6x6x10ga. WWM Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Weight = 9,500 lbs Load Rating: 300 psf	PRECAST DISTRIBUTION BOXES MODEL DB-6 / 5-OUTLET BOX Woodard's Concrete Products, Inc. 629 Lybott Road, Bulville, NY 10915 (845) 361-3471 / Fax 361-1050

PRECAST DISTRIBUTION BOX DETAIL

SCALE: N.T.S.

2
S-8



- NOTES:
- NO TILE FIELD TO BE WITHIN 100 FEET OF A WATERCOURSE.
 - MINIMUM DISTANCE BETWEEN THE BUILDING WATER SERVICE AND SEWERAGE TO BE 10 FT.
 - NO TILE FIELD TO BE WITHIN 50 FT. OF A DRAINAGE DITCH.

TYPICAL LOT DIMENSIONS

SCALE: N.T.S.

3
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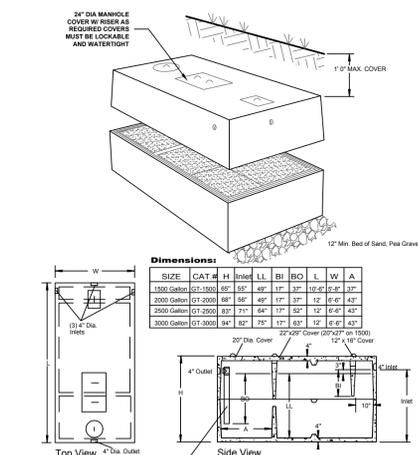
MINIMUM SEPARATION DISTANCE (FEET) FROM

SYSTEM COMPONENTS	WELL OR SUCTION LINE (e)(g)	TO STREAM, LAKE, WATERCOURSE (b) OR WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH OR RAIN GARDENS (h)
HOUSE SEWER (WATERTIGHT JOINTS)	25' IF CAST IRON, 50' OTHERWISE	25'	3'	10'	10'
SEPTIC TANK	50'	50'	10'	10'	10'
EFFLUENT LINE TO DISTRIBUTION BOX	50'	50'	10'	10'	10'
DISTRIBUTION BOX	100'	100'	20'	10'	20'
ABSORPTION FIELD (c) (d)	100' (a)	100'	20'	10'	20'
SEEPAGE PIT (d)	150' (a)	100'	20'	10'	20'
RAISED OR MOUND SYSTEM (c) (d)	100' (a)	100'	20'	10'	20'
INTERMITTENT SAND FILTER (d)	100' (a) (f)	100' (f)	20'	10'	20'
NON-WATERBORNE SYSTEMS WITH OFFSITE RESIDUAL DISPOSAL	50'	50'	20'	10'	10'
NON-WATERBORNE SYSTEMS WITH ONSITE DISCHARGE	100'	50'	20'	10'	20'

- (a) WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UPGRADE AND IN THE DIRECT PATH OF SURFACE WATER DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FEET AWAY FROM THE WELL.
- (b) MEAN HIGH WATER MARK. WETLAND OR WATERCOURSE DETERMINATIONS SHOULD BE ADDRESSED WITH THE LHD OR OTHER AGENCY HAVING JURISDICTION AND THE APPLICABLE NYSDEC REGIONAL OFFICE.
- (c) FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF SLOPE OF THE FILL, EXCEPT FOR SOME SHALLOW ABSORPTION TRENCH SYSTEMS AS DESCRIBED IN SECTION 9.12.2 OF THE HANDBOOK.
- (d) SEPARATION DISTANCES SHALL ALSO BE MEASURED FROM THE EDGE OF THE DESIGNATED ADDITIONAL USEABLE AREA (i.e., RESERVE AREA), WHEN AVAILABLE.
- (e) THE CLOSEST PART OF THE WASTEWATER TREATMENT SYSTEM SHALL BE LOCATED AT LEAST TEN (10) FEET FROM ANY WATER SERVICE LINE (e.g., PUBLIC WATER SUPPLY MAIN, PUBLIC WATER SERVICE LINE OR RESIDENTIAL WELL WATER SERVICE LINE).
- (f) WHEN INTERMITTENT SAND FILTERS ARE DESIGNED TO BE WATERTIGHT AND COLLECT ALL EFFLUENT, THE SEPARATION DISTANCE CAN BE REDUCED TO 50 FEET.
- (g) THE LISTED WATER WELL SEPARATION DISTANCES FROM CONTAMINANT SOURCES SHALL BE INCREASED BY 50% WHENEVER AQUIFER WATER ENTERS THE WATER WELL AT LESS THAN 50 FEET BELOW GRADE. IF A 50% INCREASE CANNOT BE ACHIEVED, THEN THE GREATEST POSSIBLE INCREASE IN SEPARATION DISTANCE SHALL BE PROVIDED WITH SUCH ADDITIONAL MEASURES AS NEEDED TO PREVENT CONTAMINATION.
- (h) RECOMMENDED: USE SITE EVALUATION TO AVOID OWT'S SHORT-CIRCUITING TO THE SURFACE OR GROUNDWATER AND TO MINIMIZE IMPACTS ON OWT'S FUNCTIONALITY.

EMBANKMENT OR VERY STEEP SLOPE: IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 25 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 50 FEET FROM AN EMBANKMENT OR VERY STEEP SLOPE. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO AVOID SHORT-CIRCUITING TO SURFACE (BREAKOUT OR SEEPAGE).

SWIMMING POOLS (ABOVE OR BELOW GROUND): IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 20 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 35 FEET FROM SWIMMING POOLS. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO MINIMIZE IMPACTS ON OWT'S ACCESSIBILITY AND FUNCTIONALITY.

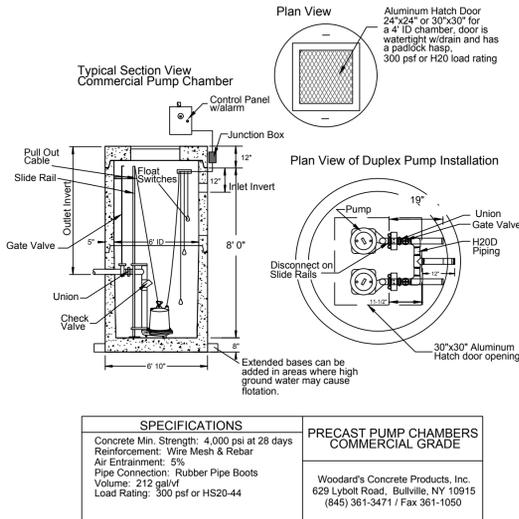


SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #3 Rebar, 6x6x10/10 WWM Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf	PRECAST GREASE TRAPS 1500 TO 3000 GALLONS Woodard's Concrete Products, Inc. 629 Lybott Road, Bulville, NY 10915 (845) 361-3471 / Fax 361-1050

PRECAST GREASE TRAP

SCALE: N.T.S.

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PRECAST DUAL PUMP CHAMBER

SCALE: N.T.S.

1
S-8

PUMP CALCULATIONS (DOSING):

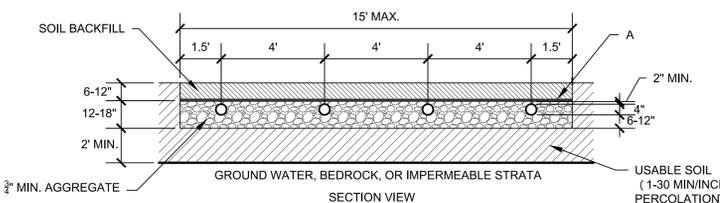
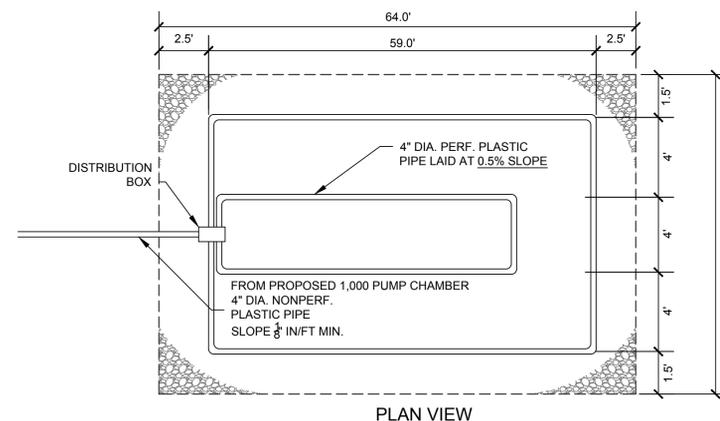
ELEVATION HEAD = 13'
FORCE MAIN FRICTION LOSS (2"Ø PVC, 1100 ft) = 62'
TOTAL DYNAMIC HEAD = 75'
FLOW RATE = 55 GPM
FORCE MAIN VOLUME = 179.5 GAL.
DISTRIBUTION NETWORK VOLUME = 678.9 GAL.
DOSING VOLUME = 75%(678.9) + 179.5 = 688.7 GAL.

FLOAT SWITCH SETTINGS (212 GAL/VF):
ALARM = 84"
ON = 45"
OFF = 6"

PUMP MODEL
GOULDS WE SERIES
MODEL 3885 WE2012H
2.0 HP, SINGLE PHASE, 230 VOLT

CONTROL PANEL SHALL BE FOR DUPLEX PUMP SYSTEMS AND SHALL ALTERNATE FROM PUMP TO PUMP EVERY 30 SECONDS AFTER ONE IS ACTIVATED.

ALARM SWITCH SHALL ACTIVATE AN AUDIO AND VISUAL ALARM SYSTEM.

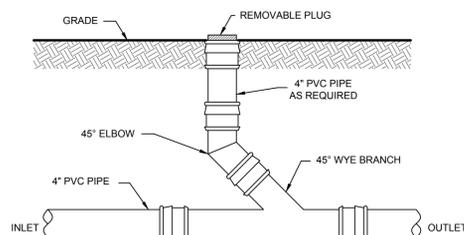


- NOTES: A = PERMEABLE GEOTEXTILE.
= DISTRIBUTOR LATERAL.
DISTRIBUTOR LATERALS AND BED BOTTOM SHALL BE LEVEL.

ABSORPTION BED SYSTEM

SCALE: N. T. S.

5
S-8



TYPICAL CLEANOUT DETAIL

SCALE: N.T.S.

6
S-8

SPECIFICATIONS	
Construction: PVC Plastic Capacities: Zabel A1800 = 800 gpd Zabel A100 = 3000 gpd Polylok PL-122 = 900 gpd / unit (can be connected in series)	SEPTIC TANK OUTLET FILTERS ZABEL & POLYLOK BRANDS Woodard's Concrete Products, Inc. 629 Lybott Road, Bulville, NY 10915 (845) 361-3471 / Fax 361-1050

OUTLET FILTER

SCALE: N.T.S.

7
S-8

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517 NEVERSINK DRIVE
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DWG TITLE
SEPTIC DETAILS
SCALE AS NOTED

DWG NO.
S-8
JOB NO. 2202.003