

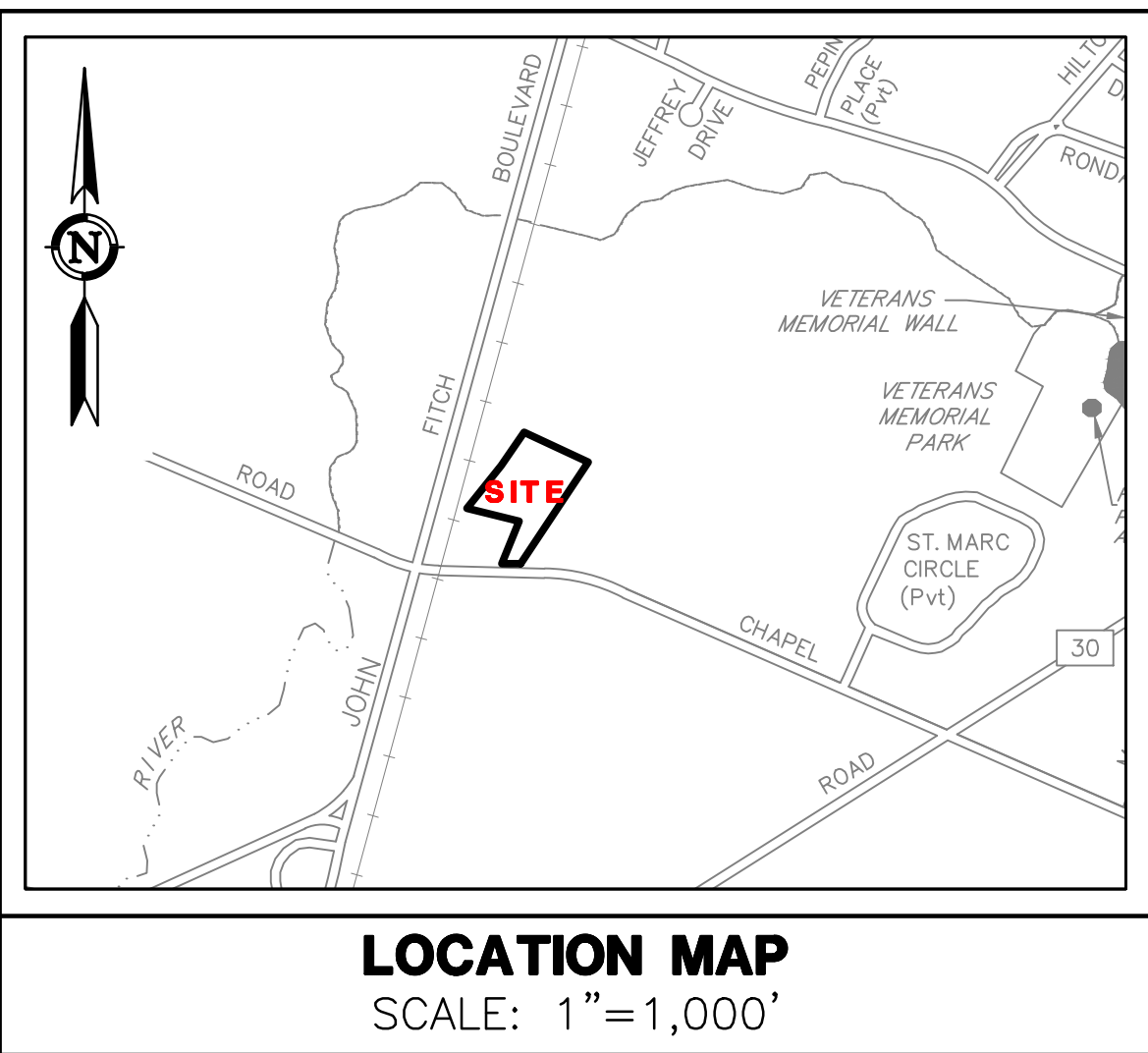
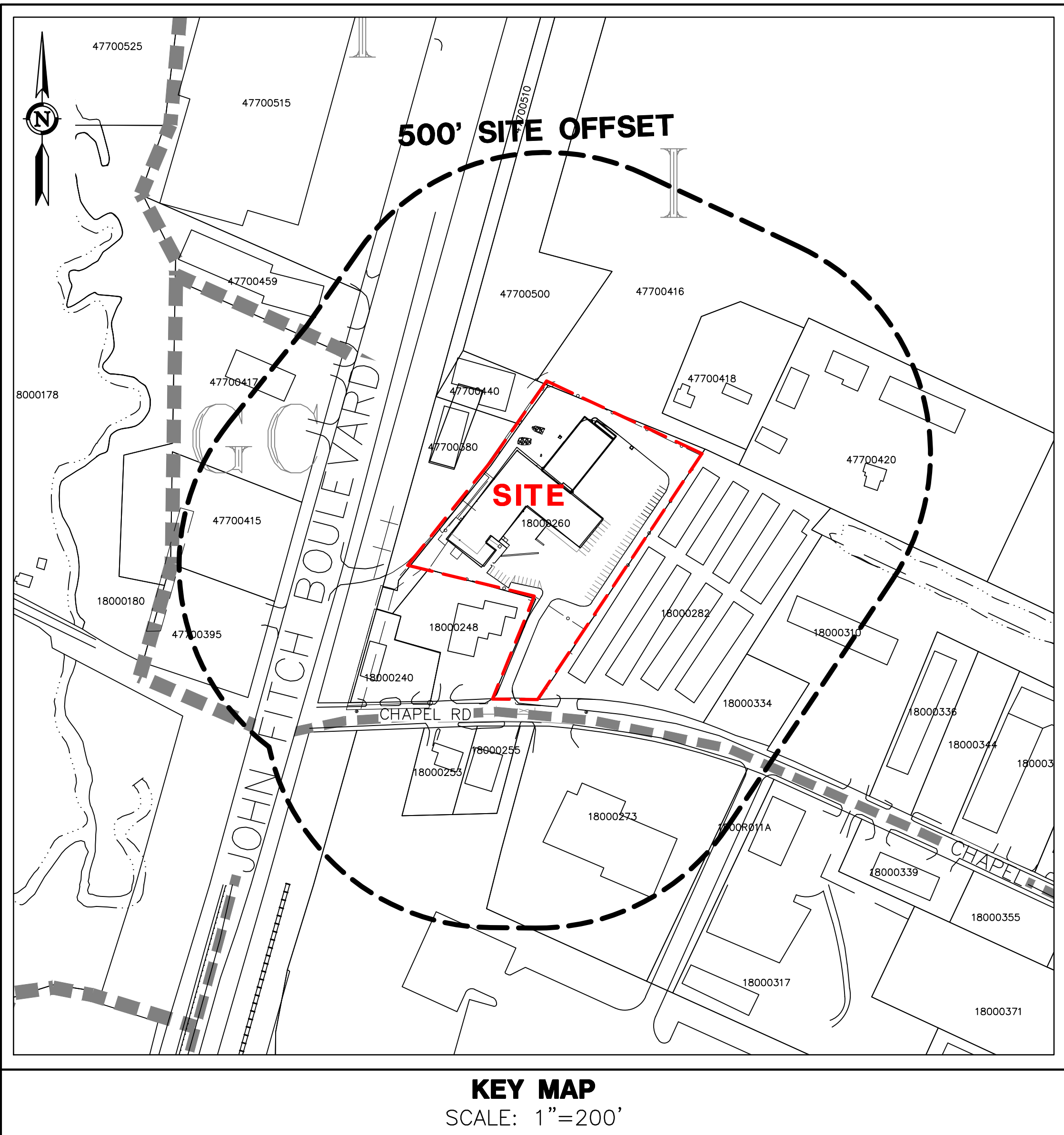
PETE'S TIRE BARNS

SITE PLAN MODIFICATION

260 CHAPEL ROAD ~ SOUTH WINDSOR ~ CT
GIS No. 18000260

N/F 500' ABUTTERS

STREET ADDRESS	OWNER	PARCEL ID
416 JOHN FITCH BLVD	BOTTICELLO DENNIS TR ETAL	47700416
245 CHAPEL ROAD	CURRENT RESIDENT	18000245
299 CHAPEL ROAD	CURRENT RESIDENT	1800R011A
420 JOHN FITCH BLVD	CONNECTICUT SOIL REALTY LLC	47700420
240 CHAPEL ROAD	DABROWSKI HIPOLIT C & BOZENA	18000240
380 JOHN FITCH BLVD	HALLER EVE FAMILY LLC	47700380
440 JOHN FITCH BLVD	HALLER EVE FAMILY LLC	47700440
500 JOHN FITCH BLVD	TOLLAND STREET LLC	47700500
282 CHAPEL ROAD	CUBESMART LP	18000282
334 CHAPEL ROAD	CURRENT RESIDENT	18000334
310 CHAPEL ROAD	JACQUES JEAN MARC	18000310
415 JOHN FITCH BLVD	VAVCO ASSOCIATES	47700415
180 CHAPEL ROAD	VANCO ASSOCIATES	18000180
459 JOHN FITCH BLVD	PETES CAR STAR INC	47700459
510 JOHN FITCH BLVD	LESNEWSKY MARION L	47700510
515 JOHN FITCH BLVD	MACKEEBER ASSOCIATES LLC	47700515
395 JOHN FITCH BLVD	395 JOHN FITCH LLC	47700395
248 CHAPEL ROAD	AINSWORTH REALTY LLC	18000248
273 CHAPEL ROAD	TWIN MANUFACTURING COMPANY	18000273
418 JOHN FITCH BLVD	INERGY PROPANE LLC	47700418
253 CHAPEL ROAD	R&J CLOUTIER LLC	18000253
131 CHAPEL ROAD	PODUNK RIVER FARMS LLC	18000131
417 JOHN FITCH BLVD	VANCO ASSOCIATES	47700417
255 CHAPEL ROAD	255 CHAPEL ROAD LLC	18000255



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ZONING TABLE

ZONE: I ZONE (INDUSTRIAL)			
ITEM	REQUIRED/ ALLOWED	EXISTING	PROPOSED
LOT AREA	30,000 SQ. FT.	199,794 SQ. FT.	199,794 SQ. FT.
LOT FRONTAGE	100'	98.80**	98.80**
FRONT YARD	35'	344.38'	344.38'
SIDE YARD	10'	29.77'	29.77'
REAR YARD	25'	165.13'	35.71'
BUILDING HEIGHT	40' (2 STORIES)	27' ±	27' ±
PARKING	SEE BELOW**	40 SP	49 SP**
INTERIOR LANDSCAPING	10%	SEE BELOW***	SEE BELOW***
LOT COVERAGE	50%	17.45%	23.46%
IMPERVIOUS COVERAGE	65%	60.04%	60.07%

NOTES:
* SITE IS EXISTING NON-CONFORMING TO LOT FRONTAGE REQUIREMENTS.
** PARKING REQUIREMENTS FOR EXISTING AND PROPOSED BUILDING GFA (SF)
OFFICE @ 4.5 SP/1000 SF GFA (2600 SF) = 11.7 SP
INDUSTRIAL @ 1 SP/700 SF GFA (29271 SF) = 41.8 SP
WAREHOUSE/STORAGE @ 1 SP/1250 SF GFA (15007 SF) = 12 SP
TOTAL REQUIRED PARKING = 65 SP
TOTAL PROVIDED PARKING = 49 SP (AND 18 RESERVE PARKING SPACES SHOWN ON PLAN)
*** SITE IS EXISTING NON-CONFORMING TO INTERIOR LANDSCAPING REQUIREMENTS AS PREVIOUSLY APPROVED.

ARCHITECT:

D.R. Poulin Construction, Inc.
59 Duck Mill Road
Fitchburg, MA 01420
978-353-6740
www.drpoulinconstruction.net

PROPERTY OWNERS:
PTB OF SOUTH WINDSOR AND
MANCHESTER LLC
275 EAST MAIN STREET
ORANGE, MA 01364

APPLICANT:
PETE'S TIRE BARNS, INC.
C/O PETER GERRY, PRESIDENT
275 EAST MAIN STREET
ORANGE, MA 01364
978-544-8811

PRELIMINARY NOT FOR CONSTRUCTION

THESE PLANS ARE FOR PLANNING PURPOSES ONLY INTENDED TO SECURE REGULATORY APPROVALS. ONLY FINAL PLANS STAMPED APPROVED BY THE TOWN SHALL BE USED FOR CONSTRUCTION PURPOSES.

GENERAL NOTES:

- THESE PLANS ARE INVALID UNLESS THEY BEAR THE SEAL OR STAMP, AND ORIGINAL SIGNATURE OF THE PROFESSIONAL ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT.
- REPRODUCTION TECHNIQUES USED IN THE PRODUCTION OF THIS PLAN CAN STRETCH OR SHRINK THE PAPER. SCALING OF THIS DRAWING MAY BE INACCURATE. CONTACT DPI IF ADDITIONAL INFORMATION IS REQUIRED.
- THESE PLANS AND OTHER ITEMS PREPARED BY DESIGN PROFESSIONALS, INC. (DPI) ARE INSTRUMENTS OF SERVICE AND REMAIN ITS PROPERTY. THE USE OF THESE ITEMS BY DPI'S CLIENT IS SUBJECT TO THE TERMS SET FORTH IN THE AGREEMENT BETWEEN CLIENT AND DPI. REPRODUCTION AND/OR USE OF THESE ITEMS BY OTHERS IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF DPI.

CIVIL ENGINEER, LANDSCAPE ARCHITECT & LAND SURVEYOR:

design professionals
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

21 Jeffrey Drive
P.O. Box 1167
South Windsor, CT 06074

Phone: 860-291-8755
Fax: 860-291-8757
www.designprofessionalsinc.com

SEEDING NOTES:

- SEEDING MIXTURE TYPE I (LOAM & SEED LAWN AREAS):
BLUEGRASS BLEND (3 VARIETIES) 50% OF MIXTURE
CHEKINGS RED FESCUE 30% OF MIXTURE
PERENNIAL RYEGRASS 20% OF MIXTURE
APPLICATION RATE: 4.50LBS. PER 1000 S.F.
- CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SEEDED AREAS UNTIL SATISFACTORY GROWTH AS DETERMINED BY THE OWNER. REPLANT BARE AND REPAIR ERODED AREAS UNTIL END OF MAINTENANCE PERIOD.

STONE STRIP

- PROVIDE 3' STONE STRIP ON THE EASTERN SIDE OF THE BUILDING AS NOTED ON THE PLAN.
- GRAVEL SHALL BE 4" DEEP, WITH A MAX STONE SIZE OF 3".
- PROVIDE 10-MIL POLY NEED BARRIER UNDER GRAVEL.
- PROVIDE PLASTIC LANDSCAPE EDGING AROUND PERIMETER OF GRAVEL NOT ADJUTING THE BUILDING. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

ZONING TABLE			
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ITEM	REQUIRED/ ALLOWED	EXISTING	PROPOSED
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 - SITE IS EXISTING NON-CONFORMING TO INTERIOR LANDSCAPING REQUIREMENTS AS PREVIOUSLY APPROVED.



PROPERTY OWNERS:
PTB OF SOUTH WINDSOR AND
MANCHESTER LLC
275 EAST MAIN STREET
ORANGE, MA 01364

APPLICANT:
PETES TIRE BARNS, INC.
C/O PETER GERRY, PRESIDENT
275 EAST MAIN STREET
ORANGE, MA 01364
978-544-8811

- REFERENCES:
- PLAN ENTITLED "PROPERTY & TOPOGRAPHIC PLAN, 260 CHAPEL ROAD, SOUTH WINDSOR, CONNECTICUT" DATED 09/02/2020 PREPARED BY DESIGN PROFESSIONALS, INC.

- SITE LAYOUT PLAN NOTES:
- "CALL BEFORE YOU DIG" - CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR PUBLIC UTILITIES. CALL 811 AT LEAST 72 HOURS PRIOR TO BEGINNING EXCAVATION.
 - THIS PLAN SHALL BE USED FOR SITE LAYOUT ONLY.
 - REFER TO NOTES SHEET FOR SITE LAYOUT NOTES.

DESIGN PROFESSIONALS

CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR:

Pete's Tire Barns, Inc.
c/o Peter Gerry, President
275 East Main Street
Orange, MA 01364
978-544-8811 T
978-544-0012 F

PROJECT NO:

4516

DATE:

9/21/2020

DESIGN BY:

DHJ

REVIEW BY:

DHJ

CHECKED BY:

DHJ

PETE'S TIRE BARNS
SITE PLAN MODIFICATION

260 CHAPEL ROAD
SOUTH WINDSOR, CONNECTICUT
GIS No. 18000260

SITE PLAN

SCALE: 0 20' 40' 80'

1" = 40'

SHEET

C-SP1

SHEET 2 OF 8

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21 JEFFREY DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-298-8237
860-298-8237 - F
www.designprofessionalsinc.com



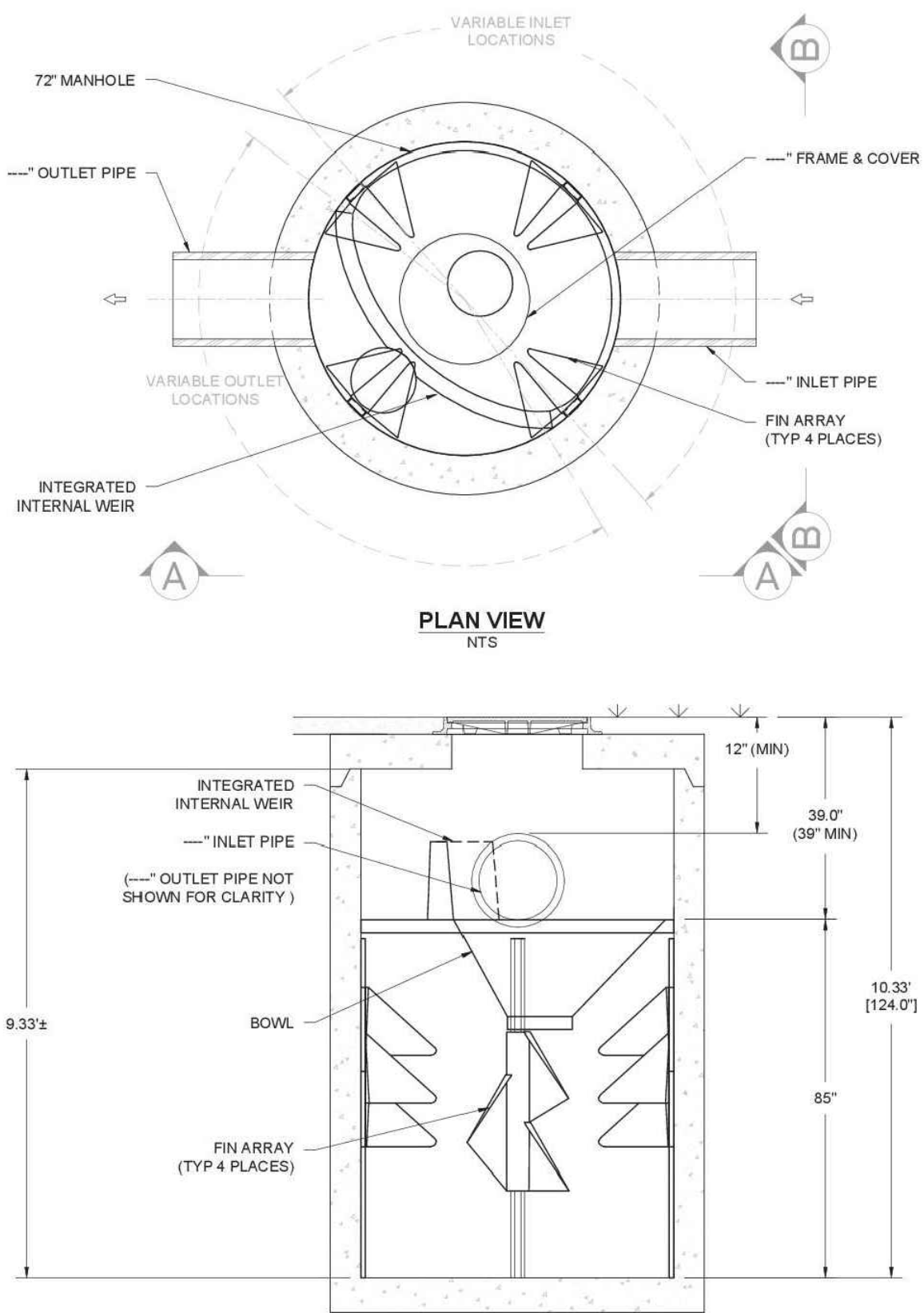
GRADING PLAN NOTES:

1. "CALL BEFORE YOU DIG" - CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF PENDING EXCAVATION BY CALLING 811 AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
2. THIS PLAN SHALL BE USED FOR GRADING & DRAINAGE PURPOSES ONLY
3. REFER TO NOTES SHEET FOR GRADING & DRAINAGE NOTES

**PETE'S TIRE BARN'S
SITE PLAN MODIFICATION**
260 CHAPEL ROAD
SOUTH WINDSOR, CONNECTICUT

PREPARED FOR:
Pete's Tire Barns, Inc.
Peter Gerry, President
2275 East Main Street
Orange, MA 01364
978-544-8811 T
978-544-0012 F

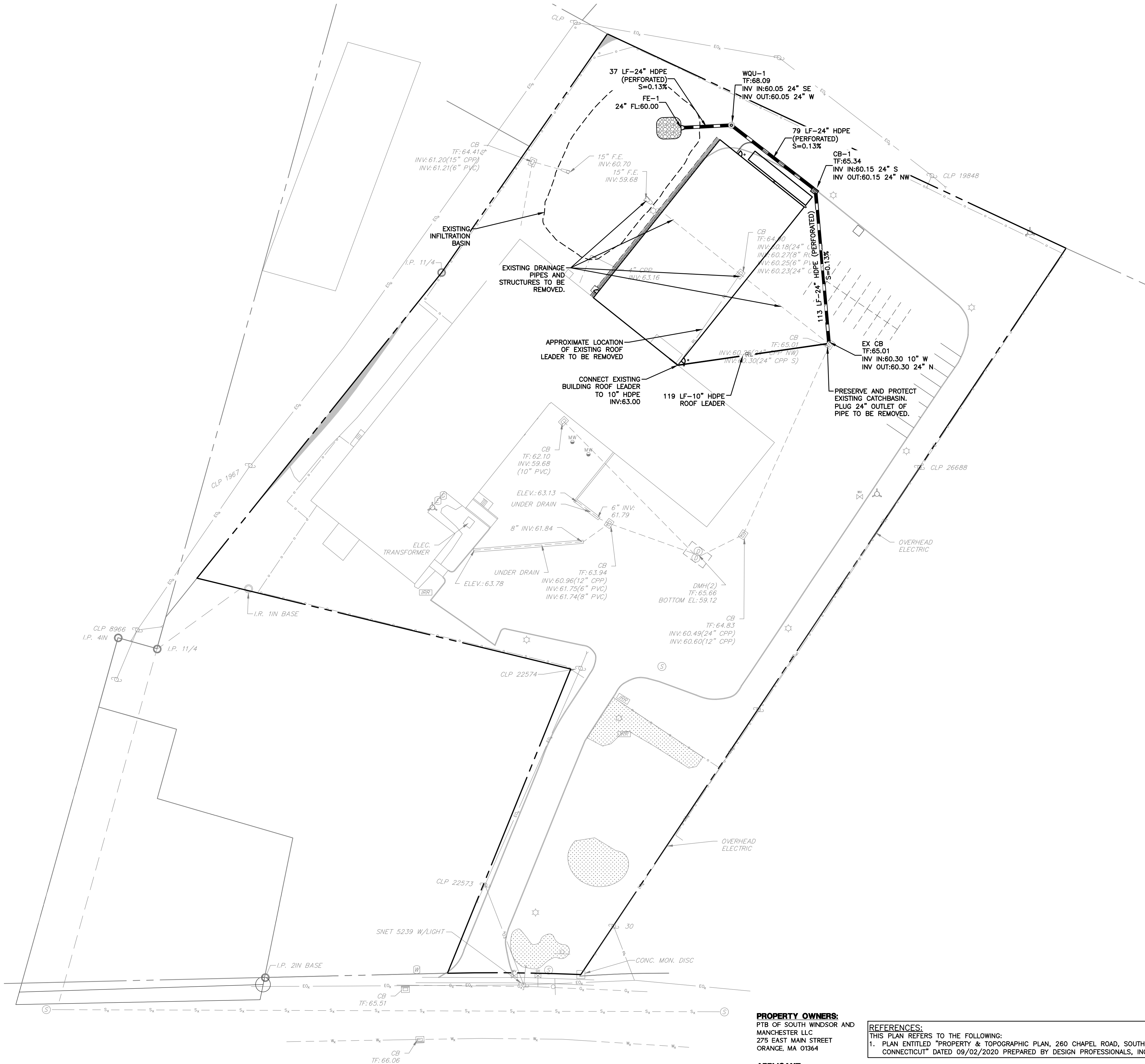
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NOTES:

1. ADS BARRACUDA S6 HYDRODYNAMIC SEPARATOR PRODUCT, SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL USE THIS PRODUCT OR APPROVED EQUAL.

ADS BARRACUDA S6 WATER QUALITY UNIT
N.T.S.



PROPERTY OWNERS:
PTB OF SOUTH WINDSOR AND
MANCHESTER LLC
275 EAST MAIN STREET
ORANGE, MA 01364

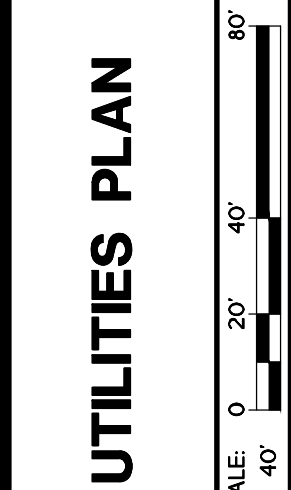
APPLICANT:
PETE'S TIRE BARNS, INC.
C/O PETER GERRY, PRESIDENT
275 EAST MAIN STREET
ORANGE, MA 01364
978-544-8811

- REFERENCES:**
1. THIS PLAN REFERS TO THE FOLLOWING:
a. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC PLAN, 260 CHAPEL ROAD, SOUTH WINDSOR, CONNECTICUT" DATED 09/02/2020 PREPARED BY DESIGN PROFESSIONALS, INC.

- UTILITY AND DRAINAGE PLAN NOTES:**
1. "CALL BEFORE YOU DIG" - CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF PENDING EXCAVATION BY CALLING 811 AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
 2. THIS PLAN SHALL BE USED FOR UTILITY, GRADING, & DRAINAGE PURPOSES ONLY.
 3. REFER TO NOTES SHEET FOR UTILITY, GRADING, & DRAINAGE NOTES.



UTILITIES PLAN		REVISIONS		BY	
NO.	DATE				



PETE'S TIRE BARNS
SITE PLAN MODIFICATION
260 CHAPEL ROAD
SOUTH WINDSOR, CONNECTICUT
GIS No. 18000260

PREPARED FOR:
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978-544-8811 T
978-544-0012 F

DESIGN PROFESSIONALS, INC.
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
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P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-298-8200
860-298-8207 - F
www.designprofessionalsinc.com

CONSTRUCTION SEQUENCE:

1. STAKE-OUT THE LIMITS OF CLEARING, INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AT LIMITS OF CLEARING, CONTRACTOR TO CONDUCT ALL CONSTRUCTION ACTIVITIES WITHIN LIMITS SHOWN ON PLAN.
2. REMOVE TOPSOIL FROM AREAS OF DISTURBANCE AND STOCKPILE. POSSIBLE STOCKPILE LOCATIONS ARE SHOWN ON THE SITE PLANS. HOWEVER, LOCATIONS SHALL BE DETERMINED BY CONTRACTOR WITH APPROVAL BY THE ENGINEER & LOCAL AUTHORITY HAVING JURISDICTION. RING SOIL STOCKPILES WITH A ROW OF SILT FENCE.
3. ESTABLISH VEGETATION ON ALL DISTURBED SOIL THAT WILL REMAIN EXPOSED FOR LONGER THAN 30 DAYS. SEED WITHIN 7 DAYS AFTER THE SUSPENSION OF GRADING WORK WITH A TEMPORARY SEED MIXTURE PER SECTION 5-3 "VEGETATIVE SOIL COVER" OF THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
4. CREATE TEMPORARY DIVERSION SWALES AS REQUIRED.
5. ANY DEWATERING ACTIVITIES SHALL BE PUMPED TO TEMPORARY SILTATION BASINS AT THE TOP OF THE SLOPE. PUMPED DISCHARGE MUST UTILIZE SILT-SAC OR APPROVED EQUAL. MONITOR TO ENSURE DISCHARGE FROM BASIN IS NOT CAUSING EROSION DOWNSTREAM.
6. REMOVE EXISTING STORM DRAINAGE SYSTEM AND PAVEMENT AS NOTED ON THE PLAN. INSTALL STORM DRAINAGE SYSTEM, PROTECT CATCHBASINS AND CULVERT INLETS/OUTLETS WITH INLET PROTECTION AS SHOWN IN THE DETAILS.
7. INSTALL PAVEMENT, SIDEWALKS, CURBING, TOPSOIL, GRASS SEED, AND MULCH.
8. AFTER STABILIZATION OF UPGRADIENT CONTRIBUTING AREAS, ALL ACCUMULATED SEDIMENT WITHIN THE DISTURBED AREAS OF THE BASIN SHALL BE REMOVED AND PERMANENT STABILIZATION SHALL BE PLACED.
9. MINOR ADJUSTMENTS TO THE EXCAVATION LIMITS MAY BE WARRANTED WITH APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION TO ALLOW FOR PRESERVATION OF EXISTING VEGETATION.
10. ALL EROSION CONTROL DEVICES SHALL REMAIN FUNCTIONAL AND IN PLACE THROUGHOUT THE CONSTRUCTION EFFORT UNTIL THE SITE IS FULLY STABILIZED WITH VEGETATION.

STORM DRAINAGE SYSTEM MAINTENANCE AND OPERATION:

THE FOLLOWING MAINTENANCE SHALL BE REQUIRED TO ENSURE EFFICIENT OPERATION OF THE STORM DRAINAGE SYSTEM, DETENTION BASIN, AND UNDERGROUND BASINS. THE MAINTENANCE SCHEDULE IS INTENDED TO BE A GUIDE. AN INSPECTION OF ALL STORM DRAINAGE COMPONENTS IS REQUIRED FOLLOWING LARGE STORM EVENTS (0.5 INCHES OR GREATER) THAT COULD CAUSE THE DEPOSITION OF EXCESS DEBRIS.

PIPE OUTLET LOCATIONS: PIPE OUTLETS AND ASSOCIATED RIPRAP SHALL BE INSPECTED ANNUALLY AND CLEANED OF SILT AND/OR DEBRIS. RIPRAP SHALL BE RE-SHAPED AND REPLISHED AS REQUIRED.

CATCHBASINS: SHALL BE INSPECTED ANNUALLY AND SUMPS CLEANED WHEN DEPTH OF MATERIAL REACHES TWELVE INCHES.

PAVEMENT SWEEPING: PAVEMENT AREAS SHALL BE SWEEP AT LEAST TWICE PER YEAR, ONCE IN THE SPRING SHORTLY AFTER THE END OF THE SNOW SEASON, AND IN THE FALL AFTER THE LEAVES HAVE FALLEN. DURING CONSTRUCTION KEEP PAVEMENT FREE OF SEDIMENTS TO REDUCE THE TRANSFER OF SEDIMENTS OFFSITE.

INFILTRATION BASIN: SHALL BE INSPECTED BIANNUALLY. ALL LARGE WOODY NON LANDSCAPE GROWTH THAT MAY AFFECT THE FLOW OF WATER OR THE STABILITY OF THE BASIN SHALL BE REMOVED. RIPRAP SHALL BE RE-ARRANGED AND ADDED TO AS REQUIRED. ANY EROSION OR OTHER PROBLEMS THAT MAY AFFECT THE PROPER OPERATION OF THE BASIN SHALL BE REPAIRED PROMPTLY. ACCUMULATED SEDIMENT SHALL BE REMOVED.

WATER QUALITY UNIT: UNIT SHALL BE INSPECTED POST-CONSTRUCTION, PRIOR TO BEING PUT INTO SERVICE. INSPECT EVERY SIX MONTHS FOR THE FIRST YEAR OF OPERATION TO DETERMINE THE OIL AND SEDIMENT ACCUMULATION RATE. IN SUBSEQUENT YEARS, INSPECTIONS CAN BE BASED ON FIRST-YEAR OBSERVATIONS OR LOCAL REQUIREMENTS. CLEANING IS RECOMMENDED ONCE THE SEDIMENT DEPTH REACHES 15% OF STORAGE CAPACITY, (GENERALLY TAKING ONE YEAR OR LONGER). REFER TO MANUFACTURING MAINTENANCE REQUIREMENTS.

EROSION & SEDIMENTATION CONTROL MAINTENANCE AND INSPECTION PROGRAM (WEEKLY CONSTRUCTION REPORTS):

PER RECOMMENDATIONS MADE IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL PLAN, THE CONTRACTOR SHALL MAINTAIN WEEKLY REPORTS ON THE CONDITION OF ALL EROSION CONTROL MEASURES AND MAKE THEM AVAILABLE UPON REQUEST OF OWNER, LOCAL AUTHORITY HAVING JURISDICTION, OR ENGINEER. IN THE EVENT OF A MAJOR RAINSTORM, (0.5 INCHES OR GRATER) REPORTS SHALL BE PREPARED WITHIN 24 HOURS OF SAID EVENT.

EROSION & SEDIMENTATION CONTROL NARRATIVE

1. PRIOR TO THE START OF CONSTRUCTION, ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THESE PLANS.
2. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHOWN ON THESE PLANS. THIS RESPONSIBILITY INCLUDES IMPLEMENTATION AS WELL AS MAINTENANCE, ANY PROPOSED CHANGES TO THIS PLAN MUST BE APPROVED BY THE ENGINEER AND/OR THE LOCAL AUTHORITY HAVING JURISDICTION.
3. CONSTRUCTION ACCESS SHALL BE INSPECTED REGULARLY TO ENSURE PROPER OPERATION. STONE SHALL BE ADDED OR REPLACED AS REQUIRED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADJACENT ROADWAYS, (BOTH PUBLIC & COMPLETED PORTIONS OF THE PROJECT) FREE FROM ACCUMULATED DUST AND DIRT. STREETS SHALL BE SWEEPED CLEAN AT ALL TIMES.
5. AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, SHALL BE STABILIZATION WITH FINAL VEGETATION WITHIN 7 DAYS. AREAS TO BE LEFT BARE FOR MORE THAN 30 DAYS SHALL BE TREATED WITH AIR DRIED WOOD CHIP MULCH (6 CYDS / 1000 S.F.) OR SEEDED WITH PERENNIAL RYE-GRASS UNTIL FINAL GRADING AND STABILIZATION TAKES PLACE. WINTER STABILIZATION SHALL INCLUDE MULCH/STRAW OR HAY APPLIED AT THE SAME RATE WITH A TACKIFIER PER RECOMMENDATIONS MADE IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
6. ALL DISTURBED SLOPES EXCEEDING A 3:1 SLOPE SHALL IMMEDIATELY RECEIVE MULCH AND TEMPORARY SEEDING IN ACCORDANCE WITH THE FOLLOWING APPLICATION RATES:

MULCH:	RATE:
STRAW	90# / 1000 S.F.
TEMPORARY SEEDING:	RATE:
PERENNIAL RYEGRASS	1.0# / 1000 S.F.
7. CONTRACTOR SHALL CLEAN CATCHBASIN SUMPS, DIVERSION SWALES, & TEMPORARY SETTLING SUMPS AS REQUIRED DURING CONSTRUCTION.
8. DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL MANAGE STORMWATER RUNOFF SO THAT NO DIRECT DISCHARGE OF RUNOFF THAT CONTAINS SUSPENDED PARTICLES, FLOWS INTO RECEIVING WATERS. RUNOFF SHALL BE DIRECTED INTO TEMPORARY SEDIMENT SUMPS AND TREATED.
9. AT NO TIME DURING THE CONSTRUCTION EFFORT SHALL THERE BE ANY OPEN AND DISTURBED AREA GREATER THAN 5 ACRES WITHOUT SILT FENCE PERIMETER OF SET AREA.
10. AFTER ALL SITE WORK IS COMPLETED, INCLUDING THE SPREADING OF TOPSOIL AND SEEDING, THE CONTRACTOR SHALL CLEAN ANY SILT OR DEBRIS FROM ALL STORM DRAINAGE STRUCTURES AND CULVERTS.
11. AT ALL TIMES DURING THE CONSTRUCTION EFFORT, THE CONTRACTOR SHALL HAVE AVAILABLE THE APPROPRIATE EQUIPMENT FOR WATER APPLICATION FOR THE PURPOSES OF ALLAYING DUST, APPLY WATER, SUITABLE MATERIALS, OR COVERS TO MATERIAL STOCKPILES AND OTHER SURFACES THAT CAN GIVE RISE TO AIRBORNE PARTICULATE MATTER. COVER, WHILE IN MOTION, OPEN-BODIED TRUCKS OR OPEN-BODIED TRAILERS, MINIMIZE THE VOLUME OF WATER SPRAYED FOR CONTROLLING DUST AS TO PREVENT THE RUNOFF OF WATER, NO DISCHARGE OF DUST CONTROL WATER SHALL CONTAIN OR CAUSE A VISIBLE OIL SHEEN, FLOATING SOLIDS, VISIBLE DISCOLORATION, OR FOAMING IN THE RECEIVING STREAM.
12. THE DEVELOPER SHALL ENSURE THAT CONSTRUCTION ACTIVITIES COMPLY WITH THE NOISE ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.

REFER TO TEMPORARY SEDIMENT TRAP (TST) DETAIL AND FIGURE TST-1. SEE SHEET C-ES2. TST SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SHAPE, VOLUMES, AND DEPTHS CAN VARY IN ACCORDANCE WITH SAID DETAILS. CONTRACTOR SHALL PROVIDE IN APPROPRIATE LOCATIONS TO ACCOMMODATE CURRENT SITE ACTIVITIES AND PHASING. IN NO CASE SHALL THE AREA DRAINING TO A TST EXCEED 5 ACRES. SHOULD AREAS BEING DIRECTED TO A TST DIFFER FROM THAT NOTED, CONTRACTOR SHALL ENSURE THAT AT LEAST 134 CY PER ACRE OF STORAGE VOLUME IS PROVIDED PER TST DETAIL AND FIGURE TST-1.

PROJECT CONTACT INFO:

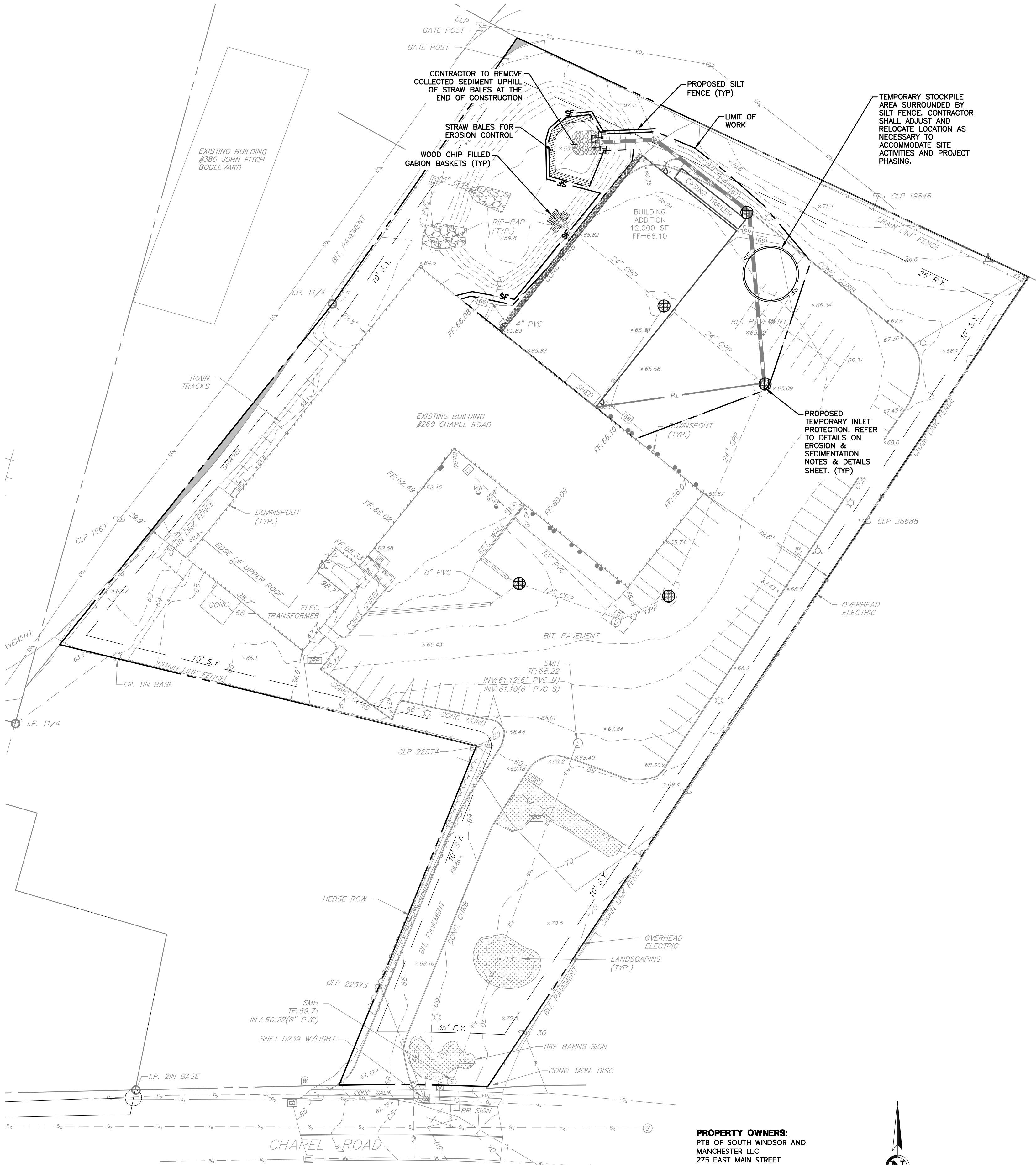
PETER GERRY
[978-544-8811]

13. THE CONTRACTOR SHALL EXCAVATE A PIT TO BE DESIGNATED AS A WASHOUT AREA FOR CONCRETE, PAINT, AND OTHER MATERIALS. THIS AREA SHALL BE CLEARLY FLAGGED AND CONSTRUCTED TO BE ENTIRELY SELF-CONTAINED. THIS AREA SHALL BE OUTSIDE OF ANY BUFFERS AND AT LEAST 50 FEET FROM ANY STREAM, WETLAND, OR OTHER SENSITIVE SOURCE. DUMPING OF LIQUID WASTES IN STORM SEWERS IS PROHIBITED. THE WASHOUT AREA SHALL BE INSPECTED AT LEAST ONCE A WEEK TO ENSURE STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY, AND TO CHECK FOR LEAKS AND OVERFLOWS. ACCUMULATED DEBRIS SHOULD BE REMOVED ONCE THE WASHOUT AREA REACHES HALF WAY FULL OR IS DEEMED NECESSARY TO AVOID OVERFLOWS. REMOVE AND DISPOSE OF HARDENED CONCRETE WASTE CONSISTENT WITH PRACTICES DEVELOPED FOR THE WASTE DISPOSAL.
14. THE CONTRACTOR SHALL DESIGNATE A WASTE DISPOSAL AREA FOR TEMPORARY STORAGE OF MATERIALS TO BE REMOVED FROM THE SITE. THE DESIGNATED WASTE AREA SHALL BE SELECTED AS TO MINIMIZE TRUCK TRAVEL THROUGH THE SITE. THE AREA WILL NOT DRAIN DIRECTLY TO ADJACENT WETLANDS. PICKUPS SHALL BE SCHEDULED REGULARLY TO PREVENT THE CONTAINERS FROM OVERFILLING. SPILLS SHALL BE CLEANED UP IMMEDIATELY. DEFECTIVE CONTAINERS THAT MAY CAUSE LEAKS OR SPILLS WILL BE IDENTIFIED THROUGH REGULAR INSPECTION. ANY FOUND TO BE DEFECTIVE WILL BE REPAIRED OR REPLACED IMMEDIATELY. ANY STOCKPILING OF MATERIALS SHOULD BE CONFINED TO THE DESIGNATED AREA AS DEFINED BY THE CONTRACTOR.
15. ALL CHEMICAL AND PETROLEUM PRODUCT CONTAINERS STORED ON THE SITE (EXCLUDING THOSE CONTAINED WITHIN VEHICLES AND EQUIPMENT) SHALL BE PROVIDED WITH IMPERMEABLE CONTAINMENT WHICH WILL HOLD AT LEAST 110% OF THE VOLUME OF THE LARGEST CONTAINER, OR 10% OF THE TOTAL VOLUME OF ALL CONTAINERS IN THE AREA, WHICHEVER IS LARGER, WITHOUT OVERFLOW FROM THE CONTAINMENT AREA. ALL CHEMICALS AND THEIR CONTAINERS SHALL BE STORED UNDER ROOFED AREA EXCEPT FOR THOSE CHEMICALS STORED IN CONTAINERS OF 100 GALLON CAPACITY OR MORE, IN WHICH CASE A ROOF IS NOT REQUIRED. DOUBLE-WALLED TANKS SATISFY THIS REQUIREMENT.
16. CONTRACTOR SHALL COORDINATE WITH THE PROPER AGENCIES FOR RELOCATION OF ANY UTILITIES OR SIGNS.
17. IF REQUIRED, AN APPROVED EROSION CONTROL BOND SHALL BE PREPARED BEFORE THE START OF ANY CONSTRUCTION ACTIVITY.
18. FROZEN MATERIAL SHALL NOT BE USED FOR FILL NOR SHALL FILL BE PLACED OR COMPACTED ON FROZEN GROUND.

ESTIMATED CONSTRUCTION START DATE - WINTER 2020
ESTIMATED COMPLETION DATE - SPRING 2021

CONSTRUCTION DUST CONTROL NOTES

- IDENTIFY AND ADDRESS SOURCES OF DUST GENERATED BY CONSTRUCTION ACTIVITIES. LIMIT CONSTRUCTION TRAFFIC TO PREDETERMINED ROUTES. PAVED SURFACES REQUIRE MECHANICAL SWEEPERS TO REMOVE SOIL THAT HAS BEEN DEPOSITED OR TRACKED ONTO THE PAVEMENT. ON UNPAVED TRAVELWAYS AND TEMPORARY HAUL ROADS, USE ROAD CONSTRUCTION STABILIZATION MEASURES AND/OR WATER AS NEEDED TO KEEP SURFACE DAMP. STATIONARY SOURCES OF DUST, SUCH AS ROCK CRUSHERS, USE FINE WATER SPRAYS TO CONTROL DUST. IF WATER IS EXPECTED TO BE NEEDED FOR DUST CONTROL, IDENTIFY THE SOURCE OF WATER IN ADVANCE. PUMPING FROM STREAMS, POND AND SIMILAR WATERBODIES MAY REQUIRE APPROVAL FROM THE MUNICIPAL INLAND WETLAND AGENCY.
- IDENTIFY AND ADDRESS SOURCES OF WIND GENERATED DUST. PROVIDE SPECIAL CONSIDERATION TO HILL TOPS AND LONG REACHES OF OPEN GROUND WHERE SLOPES MAY BE EXPOSED TO HIGH WINDS. CONSIDER BREAKING UP LONG REACHES WITH TEMPORARY WINDBREAKS CONSTRUCTED FROM BRUSH PILES, GEOTEXTILE SILT FENCES OR HAY BALES. PLAN ON STABILIZING SLOPES EARLY. MULCH FOR SEED WILL REQUIRE ANCHORING WHEN USED.
- CONSIDER WATER QUALITY WHEN SELECTING THE METHOD AND/OR MATERIALS USED FOR DUST CONTROL. WHEN CONSIDERING THE USE OF CALCIUM CHLORIDE, BE AWARE OF THE FOLLOWING: THE RECEIVING SOIL'S PERMEABILITY SO AS TO PREVENT GROUNDWATER CONTAMINATION; THE TIMING OF THE APPLICATION TO RAINFALL TO PREVENT WASHING OF SALTS INTO SENSITIVE AREAS SUCH AS WETLANDS AND WATERCOURSES; AND PROXIMITY TO SENSITIVE AREAS SUCH AS WATERCOURSES, PONDS, ESTABLISHED OR SOON TO BE ESTABLISHED AREA OF PLANTINGS, WHERE SALTS COULD IMPAIR OR DESTROY PLANT AND ANIMAL LIFE. ADDITIONALLY, SOME MATERIALS USED FOR DUST CONTROL MAY BE RENDERED INEFFECTIVE BY DEGRADED WATER QUALITY IF IT IS USED FOR MIXING.
- CONSIDER USING DUST CONTROL MEASURES ONLY AFTER IT IS DETERMINED THAT OTHER MEASURES FOR SOIL STABILIZATION CANNOT BE PRACTICALLY APPLIED.
- USE MECHANICAL SWEEPING ON PAVED AREAS WHERE DUST AND FINE MATERIALS ACCUMULATE AS A RESULT OF TRUCK TRAFFIC, PAVEMENT SAW CUTTING SPILLAGE, AND WIND OR WATER DEPOSITION FROM ADJACENT DISTURBED AREAS. SWEEP DAILY IN HEAVILY TRAFFICKED AREAS.
- PERIODICALLY MOISTEN EXPOSED SOIL SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP.
- NON-ASPHALTIC SOIL TACKIFIER CONSISTS OF AN EMULSIFIED LIQUID SOIL STABILIZER OF ORGANIC, INORGANIC OR MINERAL ORIGIN, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: MODIFIED RESINS, CALCIUM CHLORIDE, COMPLEX SURFACTANT, COPOLYMERS OR HIGH GRADE LATEX ACRYLICS. THE SOLUTIONS SHALL BE NONASPHALTIC, NONTXIC TO HUMAN, ANIMAL AND PLANT LIFE, NONCORROSIVE AND NONFLAMMABLE. MATERIALS USED SHALL MEET LOCAL, STATE AND FEDERAL GUIDELINES FOR INTENDED USE. ALL MATERIALS ARE TO BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND ALL SAFETY GUIDELINES SHALL BE FOLLOWED IN STORING, HANDLING AND APPLYING MATERIALS.
- REPEAT APPLICATION OF DUST CONTROL MEASURES WHEN FUGITIVE DUST BECOMES EVIDENT.



PROPERTY OWNERS:
PTB OF SOUTH WINDSOR AND
MANCHESTER LLC
275 EAST MAIN STREET
ORANGE, MA 01364

APPLICANT:
PETES TIRE BARN, INC.
C/O PETER GERRY, PRESIDENT
275 EAST MAIN STREET
ORANGE, MA 01364
978-544-8811

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21 EFFEY DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-291-8737 - F
www.designprofessionalsinc.com

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CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR:
Pete's Tire Barns, Inc.
c/o Peter Gerry, President
275 East Main Street
Orange, MA 01364
978-544-8811 T
978-544-0012 F

PROJECT NO.: 4516
DATE: 9/21/2020
DESIGN BY: DJH
CHECKED BY: DJH

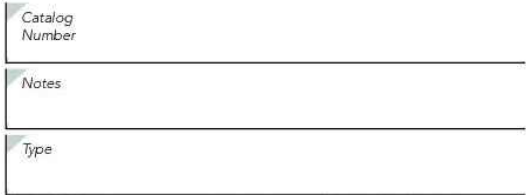
EROSION & SEDIMENTATION CONTROL PLAN

SHEET
C-ES1
SHEET 5 OF 8

NO. DATE REVISIONS BY

SCALE: 0' 20' 40' 80'

T = 40'



1

Diagram of a side-entry conduit. An arrow points to the side entry point.

EXAMPLE: DSXW2 LED 30C 700 40K T3M MYOIT DDBTXD

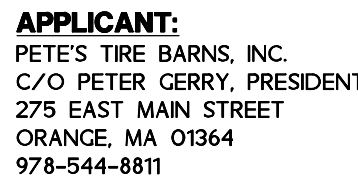
Other Options		Finish (optional)			
Shipped installed	Shipped separately*	D0R0	Dark bronze	D1S0	Satinbrass
SE Single tie (120, 177, 347)*	ESW End stemless spikes	D0L0	Black	D0R70	Tinted dark bronze
DF Double tie (200, 280, 480)*	WG Wire guard	D0A0	Natural aluminum	D0R80	Tinted black
HS Horse-side shield†	VG Vandal guard	D0W0	White	D0A70	Tinted natural aluminum
SPD Separate surge protection†					

[illegible]

Accessories	
Ordered and shipped separately:	
BU	PhotoCell - SSL twist-lock (120-277V) ¹⁾
CU1 BU	PhotoCell - SSL twist-lock (147V) ²⁾
CU1 BU	PhotoCell - SSL twist-lock (480V) ²⁾
	Shorting cap ¹⁾
	House-side shield (one per light engine)
	Blind-terminated spikes
	Wire guard accessory
	Vandal guard accessory
	Back box accessory (specify finish)



1. THE LIGHT LEVELS SHOWN ON THESE PLANS (IN FOOT-CANDLES) ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE MANUFACTURER.
2. CONTRACTOR SHALL MAKE ADJUSTMENTS TO LIGHT LOCATIONS IN THE FIELD TO AVOID UNDESIRABLE LIGHT SPILLAGE. CONSULT WITH LANSARGE ARCHITECT PRIOR TO INSTALLING IF DEVIATION IS 5' OR MORE FROM LOCATION SHOWN ON THE PLANS.
3. MOUNTING HEIGHT EQUATES LUMINAIRE HEIGHT ABOVE FINISHED GRADE.
4. LIGHT POLES AND/OR BASES SHALL BE MINIMUM 3" FROM FACE OF CURB.
5. ALL ELECTRICAL DEVICES AND/OR SITE LIGHTING SHALL BE BY AN ELECTRICAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT (BY OTHERS).
6. LIGHT POLE BASES TO BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT AND COORDINATED WITH THE LIGHTING MANUFACTURER (BY OTHERS).
7. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.0 fc	2.6 fc	0.0 fc	N/A	N/A

[illegible]

CONSTRUCTION NOTES:

1. At least two full business days prior to starting any site activity or demolition, the contractor shall contact the applicable state utility location service by dialing 811 or submitting an online ticket request. The utilities shall be marked in all areas of proposed disturbance.

2. It is the contractor's responsibility to review all construction contract documents associated with the project scope of work, including, but not limited to, all drawings and specifications, architectural plans, boundary and topographic survey, wetlands assessment and reports, geotechnical reports, environmental reports, and approval conditions, prior to the commencement of construction. Should the contractor find conflict and/or discrepancy between the documents relative to the plans, specifications, reports, or the relative or applicable codes, regulations, laws, rules, statutes and/or ordinances, it is the contractor's sole responsibility to notify the Engineer, in writing, of said conflict and/or discrepancy prior to the start of construction.

3. The contractor shall be responsible for adhering to any conditions of approval placed on the project by the authorities having jurisdiction.

4. The contractor must comply, to the fullest extent, with the latest Occupational Safety and Health (OSHA) standards and regulations, and/or any other agency with jurisdiction for construction activities. The contractor is solely responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with work on the Project. The Engineer will not be responsible for the contractor's safety, schedules, or failure to carry out its work in accordance with the contract documents. The Engineer will not have control over or charge of acts or omissions of the contractor, subcontractors, or their agents or employees, or of any persons performing portions of work on the Project.

5. Contractor must notify the Engineer in writing if there are any questions concerning the accuracy or intent of these plans or related specifications. If such notification is given, no demolition or site activity may begin until such time that the Engineer provides a written response to same.

6. Contractor shall adhere to and is responsible for compliance with all details, notes, plans and specifications contained herein. It is the responsibility of the contractor to ensure that all work performed by their subcontractors is in full compliance with these requirements.

7. The contractor shall confirm that they are in receipt of the current version of the referenced documents prior to the commencement of any work.

8. Prior to commencing work, the contractor shall review and correlate all consultants plans and specifications including the entire site plan and the latest architectural plans (including, but not limited to, structural, mechanical, electrical, plumbing, and fire suppression plans, where applicable), in particular for building utility connection locations, grease trap requirements/ details, door access, and exterior grading. Contractor must immediately notify the Architect and the Engineer, in writing, of any conflicts, discrepancies or ambiguities which exist, and receive a written resolution prior to commencing construction.

9. Prior to commencing work, contractor is required to secure all necessary and/or required permits and approvals for the construction of the project, including, but not limited to, demolition work, and all off site material sources and disposal facilities. Copies of all permits and approvals shall be maintained on site throughout the duration of the project. The contractor shall thoroughly review and understand all permits and permit conditions prior to fabrication of any materials or products to be used as part of the project.

10. The contractor is responsible for independently verifying all existing onsite utilities within and adjacent to the limits of the project activities. Underground utility, structure and facility locations depicted and noted on the plans have been compiled, in part, from record mapping supplied by the respective utility companies or governmental agencies, from parcel testimony, and from other sources. These locations must be considered as approximate in nature. Additionally, other such features may exist on the site, the existence of which are unknown to the Engineer.

11. The contractor is responsible for ensuring the installation of all improvements comply with all requirements of utility companies with jurisdiction and/or control of the site.

12. Locations of all existing and proposed services are approximate. Final utility service sizes and locations, including, but not limited to, the relocation and/or installation of utility poles, or the relocation and/or installation of transformers, are at the sole discretion of the respective utility companies.

13. Prior to commencement of any work, the contractor shall independently coordinate and confirm with the appropriate utility companies to finalize all utility services and/or relocations to ensure no conflict with the design plans and that proper depths can be achieved. All discrepancies must immediately be reported to the Engineer in writing. Should a conflict arise due to the final designs of the utility company, the contractor shall notify the Engineer in writing and await a written resolution prior to proceeding with further utility installations.

14. Prior to commencing construction, the contractor shall field verify all existing conditions, topographic information, utility invert elevations, and proposed layout dimensions, and must immediately notify the Engineer in writing if actual site conditions differ or are in conflict with the proposed work. No extra compensation will be paid to the contractor for work which has to be redone or repaired due to dimensions or grades shown incorrectly on these plans unless the contractor receives written permission from Owner/developer giving authorization to proceed with such additional work.

15. Where utilities are proposed to cross/traverse existing underground utilities, the elevations of the existing utilities shall be verified in the field prior to construction by excavating a test pit at the proposed utility crossing point. Should the field verified existing utility be in conflict with the proposed site designs, the contractor shall notify the Engineer in writing and shall not proceed with said utility construction until further direction is given from the Engineer.

16. At least 72 hours prior to starting any site activity or demolition, the contractor shall notify, at a minimum, the building official, municipal engineer, department of public works, planning and zoning commission, the Engineer, and local inland wetland commission, as applicable. The contractor shall also attend a pre-construction meeting with the local municipality, if required, prior to commencing any site activity or demolition.

17. Prior to starting any site activity or demolition, the contractor shall implement the soil erosion and sediment control measures as noted on the plans. Refer to the Erosion and Sedimentation Control Notes.

18. No work, including but not limited to tree clearing, beyond the limits of disturbance shown shown on the approved plans shall be completed without approval. No trees and/or vegetation outside the limits shown on the drawings shall be removed. Any items desired to be removed outside the limits shown must be approved in writing by the engineer and the local authorities having jurisdiction. All equipment and construction activities must be confined to the property, right-of-way, and designated work space.

19. The demolition plan or existing features designated to be removed are intended to provide only general information regarding items to be demolished and/or removed. The contractor shall review all site plans (and architectural drawings as applicable) to assure that all demolition activities and incidental work necessary for the construction of the new site improvements are completed.

20. The contractor shall protect and maintain the operation and service of all active utilities and systems that are not being removed during all construction activities. Should a temporary interruption of utility services be required as part of the proposed construction activities, the contractor shall coordinate with
- appropriate utility companies and the affected end users to minimize impact and service interruption.

The contractor shall arrange for and coordinate with the appropriate utility companies for all services that require temporary or permanent termination for the project, whether shown on the site plans or not. Termination of utilities shall be performed in compliance with all local, state and/or federal regulations.

Contractor must prepare record drawings depicting the location of existing utilities that are capped, abandoned in place, or relocated and provide to the Owner and the Engineer of record.

Should hazardous material be discovered/encountered, which was not anticipated/addressed in the project plans and specifications, cease all work immediately and notify Owner and Engineer regarding the discovery of same. Do not continue work in the area until written instructions are received from an environmental professional.

The contractor is responsible for preventing movement, settlement, damage, or collapse of existing structures, and any other improvements that are to remain. If any existing structures that are to remain are damaged during construction, repairs shall be made using new product/materials resulting in a pre-damage condition, or better. Contractor is responsible for all repair costs. Contractor shall document all existing damage and to notify the Owner prior to the start of construction.

The use of explosives, if required, must comply with all local, state and federal regulations. The contractor shall obtain all permits that are required by the federal, state and local governments, and shall also responsible for all notification, inspection, monitoring or testing as may be required.

All debris from removal operations must be removed from the site at the time of excavation. Stockpiling of demolition debris will not be permitted. Debris shall not be burned or buried on site. All demolition materials to be disposed of, including, but not limited to, stumps, limbs, and brush, shall be done in accordance with all municipal, county, state, and federal laws and applicable codes. The contractor must maintain records of all disposal activities.

The contractor is responsible for repairing all damage to any existing utilities during construction, at its own expense.

All property monumentation shall be protected during construction. It is the contractor's sole responsibility to protect all property monumentation. If monumentation is disturbed, it is the contractor's responsibility to have a licensed land surveyor in the State of Connecticut replace the monumentation to town or state standards.

All new utilities/services, including electric, telephone, cable tv, etc. are to be installed underground unless noted otherwise on the plans. The Contractor shall be responsible for installing all new utilities/services in accordance with the utility/service provider's written installation specifications and standards.

All earthwork activities must be performed in accordance with these plans and specifications and the recommendations set forth in the geotechnical report completed for this project. In the absence of a geotechnical report, all earthwork activities must comply with the standard state Department of Transportation (DOT) specifications (latest edition) and any amendments or revisions thereto. All earthwork activities must comply all applicable requirements, rules, statutes, laws, ordinances and codes for the jurisdictions where the work is being performed.

The contractor is responsible for removing and replacing unsuitable materials with suitable materials. All excavated or filled areas must be properly compacted. Moisture content at time of placement must be submitted in a compaction report prepared by a qualified geotechnical engineer, licensed in the state where the work is performed, verifying that all filled areas and subgrade areas within the building pad area and areas to be paved have been compacted in accordance with these plans, specifications and the recommendations. Subbase material for building pads, sidewalks, curb, or asphalt must be free of organics and other unsuitable materials. Should subbase be deemed unsuitable by Owner/developer or Owner/developer's representative, subbase is to be removed and filled with suitable material and properly compacted at the contractor's expense. All fill, compaction, and backfill materials required for utility installation must be coordinated with the applicable utility company specifications. The Engineer shall have no liability or responsibility for or as related to fill, compaction, backfill, or the balancing of earthwork.

Pavement must be saw cut into straight lines and must extend to the full depth of the existing pavement, except for edge of butt joints.

The tops of existing manholes, inlet structures, and sanitary cleanout tops must be adjusted as necessary, to match proposed grades.

Where retaining walls (whether or not they meet the jurisdictional definition) are identified on plans, elevations identified herein are for the exposed portion of the wall. Wall footings/foundation elevations are not identified herein and are to be set/determined by the contractor based on final structural design shop drawings prepared by an appropriate professional licensed in the state where the construction occurs.

Unless indicated otherwise or required by the authority having jurisdiction, all pipes shall be as follows:

Reinforced Concrete pipe (RCP) shall meet the requirements of AASHTO M 170 Class IV with silt tight joints.

High-Density Polyethylene pipe (HDPE) shall conform to AASHTO M 294, Type S (smooth interior with angular corrugations) with gaskets for silt tight joints.

Polyvinyl chloride (PVC) pipe for roof drain connections shall be SDR 35 gasket pipe. Polyvinyl Chloride (PVC) pipe for sanitary sewer pipe shall be SDR 35 gasket pipe.

Storm sewer pipe lengths indicated are approximate and measured to the inside of inlet and/or manhole structure. Sanitary sewer pipe lengths indicated are approximate and measured to center of inlet and/or manhole structure to center of structure.

Stormwater roof drain locations are approximate and are based on preliminary architectural plans. Contractor is responsible for reviewing and coordinating the final architectural plans to verify final locations and sizes of all roof drains.

Sewers crossing streams and/or location within 10 feet of the stream embankment, or where site conditions so indicate, must be constructed of steel, reinforced concrete, ductile iron or other suitable material. Sewers conveying sanitary flow, combined sanitary and stormwater flow or industrial flow must be separated from water mains by a distance of at least 10 feet horizontally. If such lateral separations are not possible, the pipes must be in separate trenches with the sewer at least 18 inches below the bottom of the water main, or such other separation as approved by the agency with jurisdiction over same. Where appropriate separation from a water main is not possible, the sewer must be encased in concrete, or constructed of ductile iron pipe using mechanical or slip-on joints for a distance of at least 10 feet on either side of the crossing. In addition, one full length of sewer pipe should be located so both joints will be as far from the water line as possible. Where a water main crosses under a sewer, adequate structural support for the sewer must be provided.

Contractor's price for water service must include all fees, costs and appurtenances required by the utility to provide full and complete working service.

Contractor must contact the applicable water company to confirm the proper water meter and vault, prior to commencing construction. Water main and
- water service piping shall be installed in accordance with the requirements and specifications of the water authority having jurisdiction. In the absence of such specifications, water main piping must ductile iron (DI) minimum Class 54. All work and materials must comply with the applicable American Water Works Association (AWWA) standards in effect at the time of the service application.

The contractor shall ensure that all work located in existing pavement be repaired in accordance with municipal, county and/or DOT details as applicable. Contractor is responsible to coordinate the permitting, inspection and approval of completed work with the agency having jurisdiction over the proposed work.

Where sump pumps are installed, all discharges must be connected to the storm sewer or discharged to an approved location.

For single and multi-family residential projects, spot elevation(s) adjacent to the buildings are schematic for non-specific building footprints. Grades must be adjusted based on final architectural plans and shall provide a minimum of six (6) inches below top of foundation/concrete and/or six (6) inches below the facade treatment, whichever is lower, and must provide positive drainage away from the structure (minimum of 2%). All areas shall be graded to preclude ponding adjacent to buildings, and on or adjacent to walks/driveways leading to the buildings. All construction, including grading, must comply with all applicable building codes, local, state and federal requirements, regulations and ordinances.

Contractor shall maintain and control traffic on and offsite in conformance with the current Federal Highway Administration (FHWA) "Manual on Uniform Traffic Control Devices" (MUTCD), and the federal, state, and local regulations for all aspects of demolition and site work. If a Maintenance of Traffic Plan is required for work that affects public travel either on or offsite, the contractor shall be responsible for the cost and implementation of said plan.

All temporary and permanent onsite and offsite signage and pavement markings shall conform to MUTCD, ADA, state DOT, and/or local approval requirements.

Contractor shall prevent the emission of dust, sediment, and debris from the site, and shall be responsible for corrective measures such as street sweeping, and clean-up work as deemed necessary by the Engineer or the authority having jurisdiction.

All concrete must be air entrained with a minimum compressive strength of 4,000 psi at 28 days unless otherwise specified on the plans, details and/or geotechnical report.

The Engineer will review contractor submittals which the contractor is required to submit, but only for the sole purpose of checking for general conformance with the intent of the design and contract documents. The Engineer is not responsible for any deviations from the construction documents unless contractor received explicit direction to do so, in writing, from the Engineer. The contractor remains responsible for details and accuracy, for confirming and correlating all quantities and dimensions, and for techniques of assembly and/or fabrication processes.

All dimensions are to face of curb, edge of pavement, or edge of building, unless noted otherwise.

The contractor shall install and/or construct all aspects of the project in strict compliance with and accordance with manufacturer's written installation standards, recommendations and specifications.

All pumped discharge must utilize silt-soc or approved equal. Monitor to ensure dewatering activities do not cause erosion downstream. Stabilize area utilizing winter stabilization if appropriate for season of construction. Dewatering activities shall be completed in accordance with the 2002 CT Guidelines for Soil Erosion and Sediment Control.
- AMERICANS WITH DISABILITY ACT NOTES TO CONTRACTOR:
- The contractor shall review the proposed construction with the local building official prior to the start of construction. Contractors shall be precise in the construction of Americans with Disabilities Act (ADA) accessible parking, components, and accessible routes for the project. These components shall comply with all applicable state and local accessibility laws and regulations and the current ADA regulations and construction standards. These components include, but are not limited to the following:
- Parking spaces and parking aisles shall not exceed a 1:50 (nominally 2.0%) slope in any direction.

Accessible routes shall be a minimum of 36" wide (unobstructed). Handrails and car overhangs may not obstruct these areas. Longitudinal slopes (direction of travel) shall not exceed 1:20 (5.0%) and shall have a cross slope no greater than 1:50 (2.0%).

Accessible routes exceeding 1:20 (5.0%) shall be considered a "ramp". Maximum slopes of a ramp shall be 1:12 (8.3%) in the direction of travel, and a cross slope of 1:50 (2.0%). Ramps shall have maximum rise of thirty (30) inches, shall be equipped with hand rails on both sides, and landings at the top and bottom of the ramp. Landings shall not exceed 1:50 (2.0%) in any direction and have positive drainage away from the landing.

A landing shall be provided at the exterior of all doors and at each end of ramps. Landings shall not exceed 1:50 (2.0%) in any direction and have positive drainage away from the landing and/or building. The landing shall be no less than 60 inches long unless permitted otherwise per the ADA regulations.

Curb ramps- shall not exceed a 1:12 (8.3%) slope for a maximum length of six (6) feet or a maximum rise of six (6) inches.

The contractor shall verify all existing elevations shown on the plan in areas of existing doorways, accessible routes or other areas where construction is proposed. The contractor shall immediately notify the Owner and Engineer in writing if any of the proposed work intended to meet ADA requirements is incapable of doing so, or if there is any ambiguity regarding which design components are intended to meet ADA requirements. The contractor shall not commence the work in the affected area until receiving written resolution from Engineer.
-
- BITUMINOUS CONCRETE PAVEMENT SECTION HEAVY DUTY
-
- PRECAST CONCRETE CURB
-
-
- | LEGEND | | |
|-----------------|---------------------------------|----------|
| EXISTING | DESCRIPTION | PROPOSED |
| BORINGS | BORING / TEST PIT LOCATION | |
| COMMUNICATION | UNDERGROUND COMMUNICATION LINES | |
| DOMESTIC WATER | WATER MAIN | |
| | WATER SERVICE | |
| | FIRE SERVICE LINE | |
| | NON-POTABLE WATER LINE | |
| | WATER VALVE / FITTINGS | |
| | FIRE HYDRANT | |
| LIQUID FUEL | MAIN LIQUID FUEL LINE | |
| | LIQUID FUEL SERVICE LINE | |
| | LIQUID FUEL LINE, ABANDONED | |
| IRRIGATION | IRRIGATION LINES | |
| LIGHTING | POLE / GROUND MOUNTED LIGHT | |
| NATURAL GAS | GAS MAIN | |
| | GAS SERVICE LINE | |
| POWER | ELECTRICAL LINES, OVERHEAD | |
| | ELECTRICAL LINES, UNDERGROUND | |
| | UTILITY POLE | |
| PROPERTY | PROPERTY LINE | |
| | EASEMENT LINE | |
| | IRON PIPE | |
| | IRON ROD | |
| | MONUMENT | |
| ROADS | GUARD RAIL | |
| EROSION CONTROL | SILT FENCE | |
| SITE FEATURES | 4" DOUBLE SOLID YELLOW LINE | |
| | 4" SINGLE SOLID WHITE LINE | |
| | BIT. CONC. LIP CURB | |
| | PRECAST CONCRETE CURB | |
| SANITARY SEWER | SANITARY SEWER MAIN | |
| | SANITARY SEWER SERVICE LINE | |
| | SANITARY SEWER MANHOLE | |
| STORM SEWER | STORM DRAIN PIPE | |
| | ROOF LEADER | |
| | UNDERDRAIN | |
| | STORM DRAIN MANHOLE | |
| | CURB INLET | |
| | CATCH BASIN | |
| | YARD DRAIN | |
| TOPOGRAPHY | CONTOUR | |
| | SPOT ELEVATION | |
| OTHER | RAMP | |
| | LANDSCAPE AREA | |
- PROPERTY OWNERS:**
PTB OF SOUTH WINDSOR AND MANCHESTER LLC
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21 EBBETT DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-291-9727 - F
www.designprofessionals.com

design Professionals
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR:
Pete's Tire Barns, Inc.
c/o Peter Gerry, President
275 East Main Street
Orange, MA 01364
978-544-8811 T
978-544-0012 F

PROJECT NO.
4516

DATE
9/27/2020

DESIGNED BY
DHJ

DRAWN BY
DHJ

CHECKED BY
DHJ

NOTES, LEGEND, & DETAILS

REVISIONS

BY









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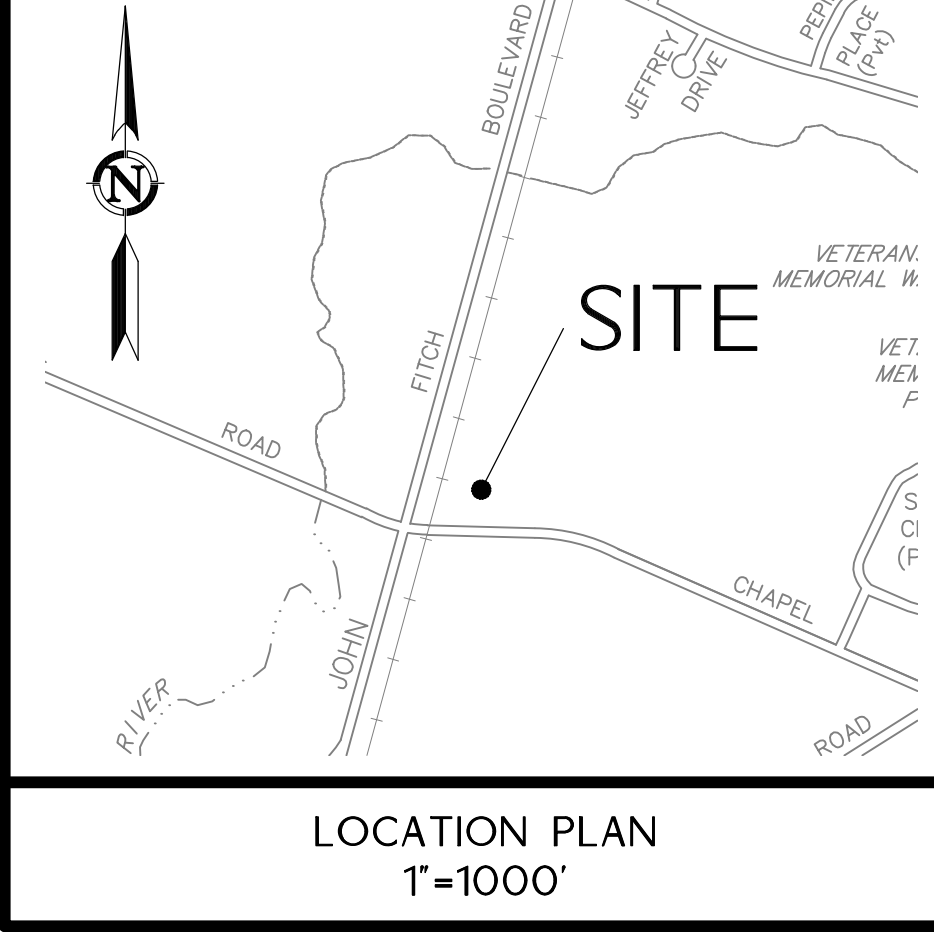
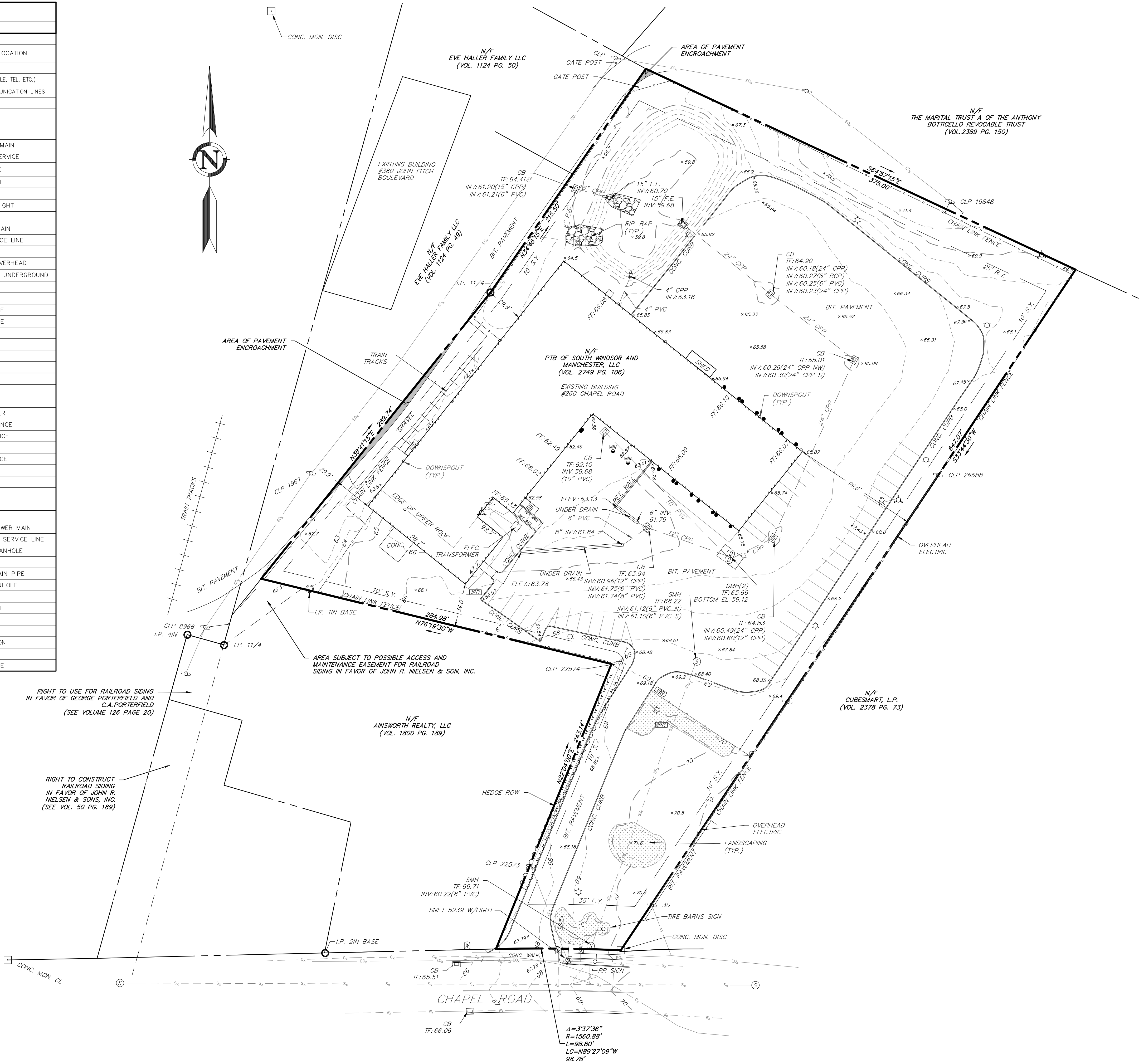
NO.

SHEET

C-D1

SHEET 7 OF 8

LEGEND	
EXISTING	DESCRIPTION
BORINGS 	BORING / TEST PIT LOCATION
COMMUNICATION — C ₁ —	OVERHEAD COMM. LINES (CABLE, TEL, ETC.)
— — C ₂ — — C ₃ —	APPROX. UNDERGROUND COMMUNICATION LINES
CONTROL POINTS 	BENCHMARK
DOMESTIC WATER — — W ₁ — — W ₂ —	APPROX. WATER MAIN
— — W ₃ — — W ₄ —	APPROX. WATER SERVICE
	WATER VALVE
	FIRE HYDRANT
LIGHTING ☆	POLE MOUNTED LIGHT
NATURAL GAS — — G ₁ — — G ₂ —	APPROX. GAS MAIN
— — G ₃ — — G ₄ —	APPROX. GAS SERVICE LINE
POWER — — E ₁ — —	ELECTRICAL LINES, OVERHEAD
— — E ₂ — — E ₃ —	APPROX. ELECTRICAL LINES, UNDERGROUND
	UTILITY POLE
PROPERTY — — — — —	PROPERTY LINE
— — — — —	EASEMENT LINE
	IRON PIPE
	IRON ROD
	MONUMENT
ROADS — — — — —	GUARD RAIL
— OR —	SIGN
SITE FEATURES • • • — —	EDGE OF WATER
— X — X — X — X —	BARBED WIRE FENCE
— — — — —	CHAIN LINK FENCE
— — — — —	RAIL FENCE
— — — — —	STOCKADE FENCE
— — — — —	WIRE FENCE
— — — — —	STONE WALL
	TREE
— — — — —	TREE LINE
SANITARY SEWER — — — S ₁ — — S ₂ —	APPROX. SANITARY SEWER MAIN
— — — S ₃ — — S ₄ —	APPROX. SANITARY SEWER SERVICE LINE
	SANITARY SEWER MANHOLE
STORM SEWER — — — — —	APPROX. STORM DRAIN PIPE
	STORM DRAIN MANHOLE
	CURB INLET
	CATCH BASIN
TOPOGRAPHY — — — — — 95 — — — — —	CONTOUR
— — — — — X 61.95 — — — — —	SPOT ELEVATION
WETLANDS — — — — —	WETLANDS LINE



- NOTES:
1. PROPERTY IS IN THE INDUSTRIAL ZONE.
 2. MARCEL CONTAINS 189.74 SQUARE FEET OR 4.587 ACRES.
 3. HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD83.
 4. PROPERTY DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DESIGNATED ON "FLOOD INSURANCE RATE MAP NUMBER 09003C0386F TOWN OF THE WINDSOR CONNECTICUT HARTFORD COUNTY PANEL 368 OF 675 COUNTY NUMBER 090036 EFFECTIVE DATE: SEPTEMBER 26, 2008 FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL EMERGENCY RESPONSE CENTER
 5. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MATERIAL SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENT AGENCIES AND IN PART FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, ABOVE OR BELOW THE SURFACE. THE USER OF THIS REPORT SHALL BE RESPONSIBLE FOR THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
 6. FOR ANY ADDITIONAL CONTACT "CALL BEFORE YOU DIG" FOR UNDERGROUND UTILITY MARKING AT LEAST TWO FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION: 1-800-922-4455 OR WWW.CBYO.COM

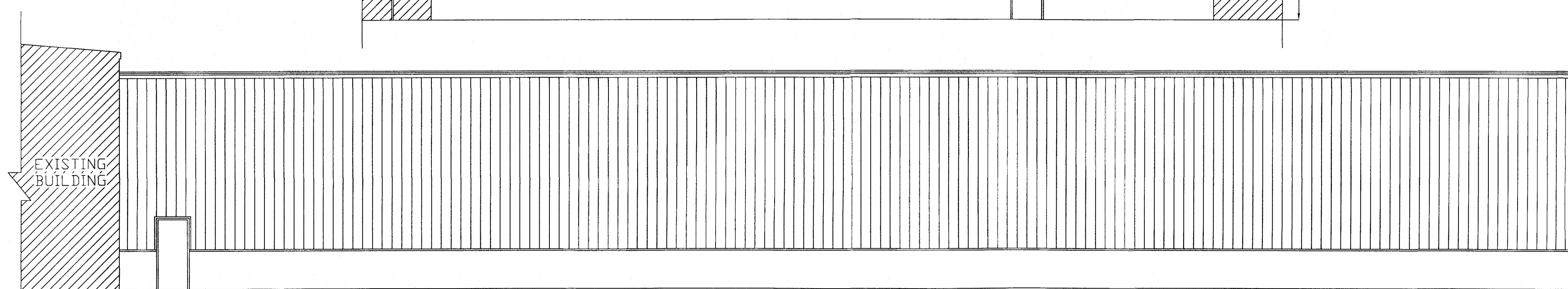
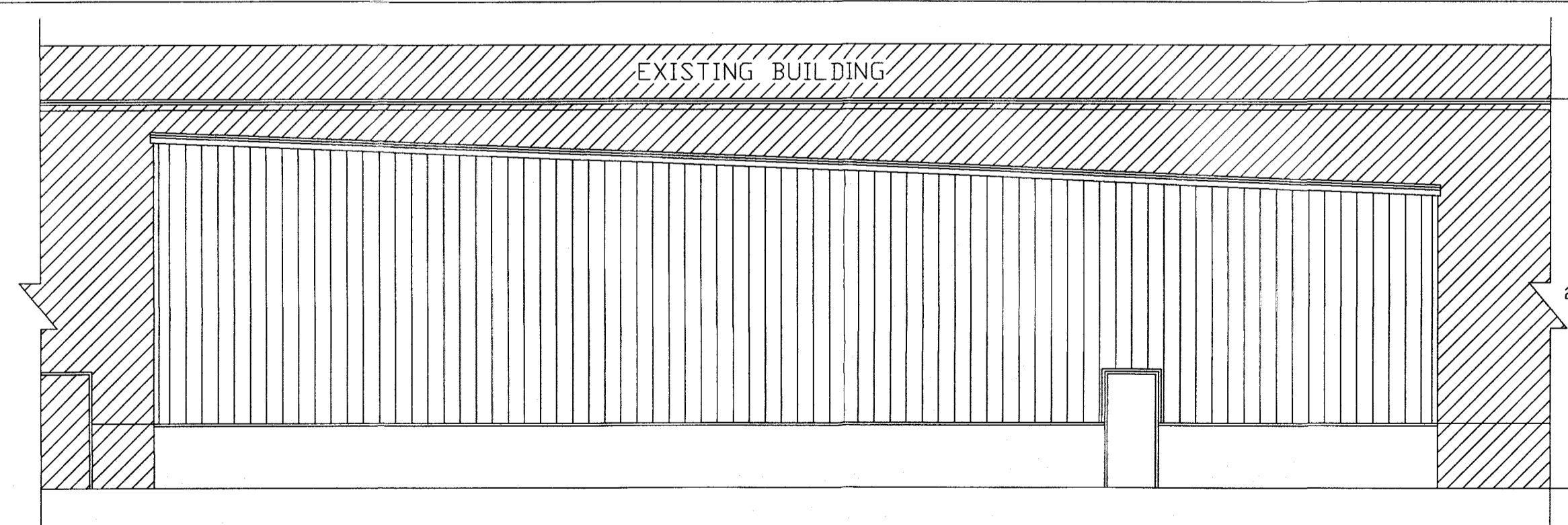
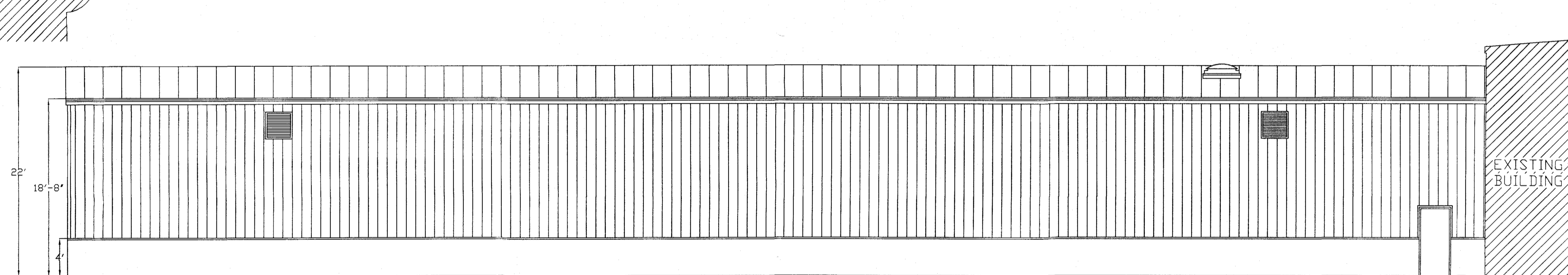
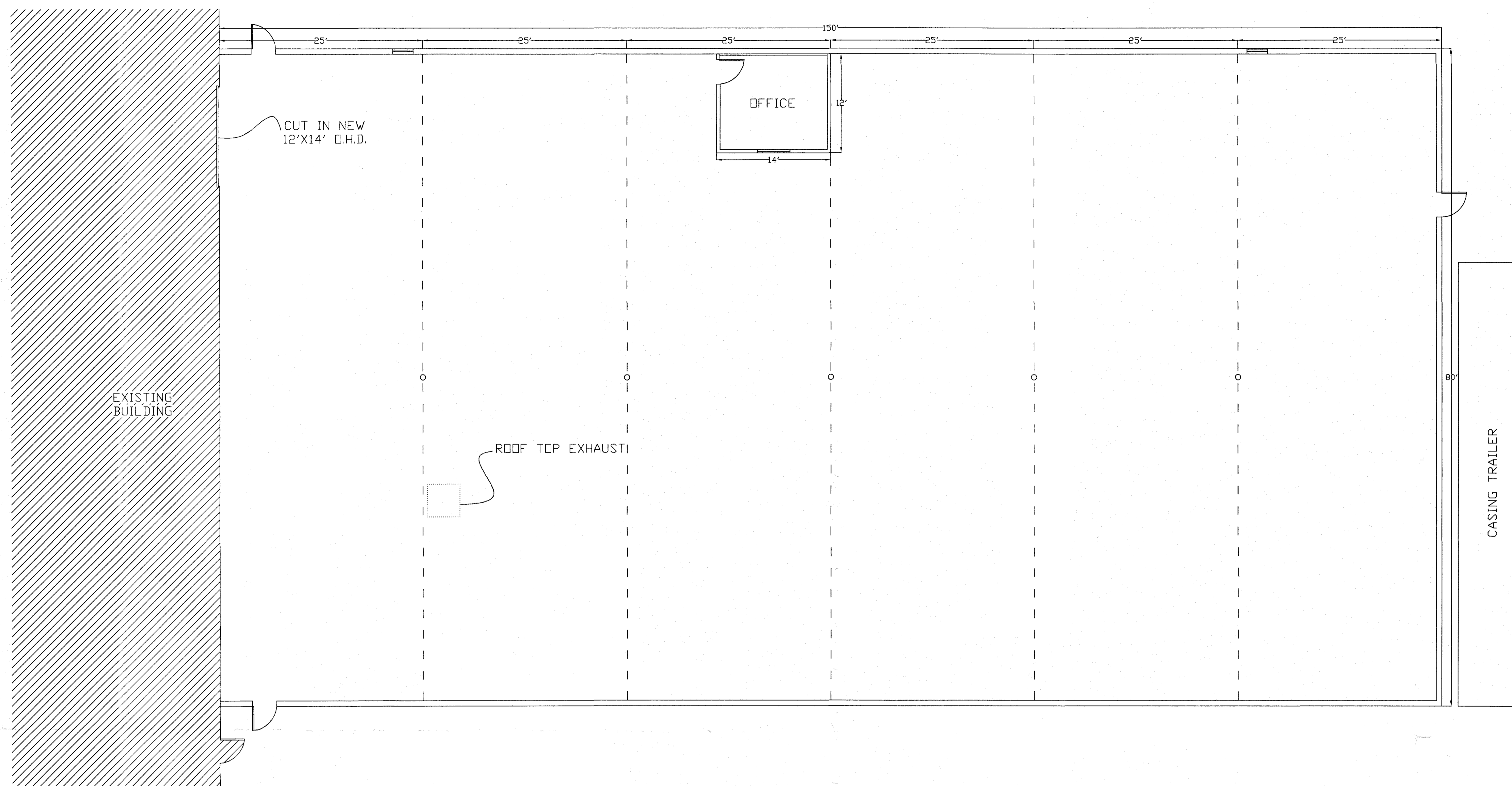
- MAP REFERENCES:
1. "AS APPROVED" TOPOGRAPHIC PROPERTY SURVEY PROPERTY OF JOHN R. NIELSEN & SONS, INC. 260 CHAPEL ROAD SOUTH WINDSOR, CONNECTICUT SHEET 2 OF 3 SCALE: 1"=40' DATE 11/3/98 REVISED 10/29/98 CLOSE, JENSEN & MILLER
 2. PROPERTY SURVEY FOR JOHN R. NIELSEN & SONS, INC. CHAPEL ROAD SOUTH WINDSOR, CONN. SCALE: 1"=40' DATE 11/3/98 NOVEMBER, 1967 REVISIONS SEPTEMBER 1968 PREPARED BY PETERSEN & HOFFMAN.
 3. PROPERTY OF PORTERFIELD ENTERPRISES, INC. CHAPEL ROAD SOUTH WINDSOR, CONN. SCALE: 1"=40' 20 FEET SEPTEMBER, 1968 B. PETERSEN & HOFFMAN
 4. LAND IN SOUTH WINDSOR, CONN. TO BE CONVEYED TO C.A. & GEORGE W. PORTERFIELD SCALE 1"=40' 20 FT. 1954 PREPARED BY NEW YORK STATE ENGINEERING & SURVEYING BOARD OFFICE OF ENGINEER - REAL ESTATE SURVEYS.
 5. SITE PLAN TOPOGRAPHIC AND CONSERVATION PLAN PROPERTY OF LUCCKE ASSOCIATES, CHAPEL ROAD SOUTH WINDSOR, CT DATES 6-15-86 REVISIONS 6-1-87 SCALE 1"=40' SHEET 2 OF 3 PREPARED BY LUCCKE ENGINEERING ASSOC. INC.

SURVEY NOTES:

THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THRU 20-300b-20 AND THE "STANDARDS SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.

- TYPE OF SURVEY IS A PROPERTY & TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT THE LOCATION OF EXISTING CONDITIONS RELATIVE TO PROPERTY LINES.
- THIS IS A INDEPENDENT RESURVEY BASED ON MAPS REFERENCE HEREON.
- HORIZONTAL ACCURACY MEETS CLASS A-2 STANDARDS. VERTICAL ACCURACY MEETS CLASS V-2 STANDARDS. TOPOGRAPHICAL ACCURACY MEETS CLASS T-1 STANDARDS.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED
HEREON.



PROPERTY OF D. R. POULIN CONSTRUCTION CO. INC. FOR REVIEW PURPOSES ONLY			
SCALE 1/8"=1'		PETE'S TIRE BARNS - CT.	
DATE 7-20-20		D.R. POULIN CONSTRUCTION	
ACCESSORY ADDITION		REVISION DRN BY SHP A-1	