# SITE PLAN APPLICATION

75 CONNECTICUT AVENUE ~ SOUTH WINDSOR ~ CT

GIS PIN: 23400075

### N/F 500' ABUTTERS

Parcel ID	Site Address	Owner Name
7500003	3 BARBARA ROAD	CZAJA DANIEL E & JENNIFER A
7500010	10 BARBARA ROAD	STODDARD ROBERT E
7500015	15 BARBARA ROAD	BOLDUC RUSSELL A & JOANNA I
7500023	23 BARBARA ROAD	HUYNH TUNG &
7500031	31 BARBARA ROAD	RAMIREZ RUBEN & STACY
7500039	39 BARBARA ROAD	GUPTA PANKAJ & ANJALI
	45 CONNECTICUT AVE	BODYCOTE HOOVEN INC
	52 CONNECTICUT AVE	CONNECTICUT AVE LLC
	113 EDGEWOOD DRIVE	CRENSHAW GARY A &
	121 EDGEWOOD DRIVE	SINGHVI PRIYANK &
	132 EDGEWOOD DRIVE	SOUTH WINDSOR TOWN OF
	135 EDGEWOOD DRIVE	PHILLIP VERNELLE
	144 EDGEWOOD DRIVE	DRENGA JOHN L & JILL A
	152 EDGEWOOD DRIVE	COSTA RUI & AMY
	153 EDGEWOOD DRIVE	WIND KEVIN P & DAWN
	160 EDGEWOOD DRIVE	PANT VIVEK &
	168 EDGEWOOD DRIVE	LAPENTA PAUL L & BARBARA
	71 ELIZABETH STREET	LYONS CATHERINE L/U
	78 ELIZABETH STREET	·
		SARPONG AKUA P
	83 ELIZABETH STREET	PATTERSON WILLIAM H & KAREN P
	86 ELIZABETH STREET	CURRIN DANIEL E
	125 JUDY LANE	KISZ IWONA & WOJCIECH
	126 JUDY LANE	BUCHANAN PATRICIA
	129 JUDY LANE	PRANITIS ERIC & RACHEL O
	138 JUDY LANE	STATZ CHRISTOPHER M & CARA M
	139 JUDY LANE	GIAMMARINO JESSE M JR & JANET G
	154 JUDY LANE	KILLINGBECK EDWARD J & LYNN F
48600155	155 JUDY LANE	GRECH STEPHEN J
48600165	165 JUDY LANE	FOTARAS NIKOLAOS & MICHELLE
48600175	175 JUDY LANE	MARRYAT ALLAN F & JANICE E
65100140	140 NUTMEG ROAD	COOLEY REALTY LLC
65100260	260 NUTMEG ROAD	KF REALTY LLC
65100274	274 NUTMEG ROAD	NUTMEG ROAD SOUTH LLC
84000085	85 SOUTH SATELLITE ROAD	85 SOUTH SATELLITE ROAD LLC
		GLOBAL TURBINE COMPONENT
84000125	125 SOUTH SATELLITE ROAD	TECHNOLO LLC
84000145	145 SOUTH SATELLITE ROAD	LEDYARD STREET LLC
84000161	161 SOUTH SATELLITE ROAD	OPTIMUS SOUTH WINDSOR LLC
84000175	175 SOUTH SATELLITE ROAD	BRENAMATT PROPERTIES L L C
84000187	187 SOUTH SATELLITE ROAD	BRENAMATT PROPERTIES LLC
84000201	201 SOUTH SATELLITE ROAD	K R HOLDINGS LLC
88900050	50 TALBOT LANE	NFP REAL ESTATE LLC
6510250A	250 NUTMEG ROAD #A	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250B	250 NUTMEG ROAD #B	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250C	250 NUTMEG ROAD #C	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250D	250 NUTMEG ROAD #D	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250E	250 NUTMEG ROAD #E	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250F	250 NUTMEG ROAD #F	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250F	250 NUTMEG ROAD #F	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250G 6510250H	250 NUTMEG ROAD #G	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250I	250 NUTMEG ROAD #I	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250J	250 NUTMEG ROAD #J	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250K	250 NUTMEG ROAD #K	NUTMEG ROAD SOUTH ASSOCIATES LLC
6510250L	250 NUTMEG ROAD #L	NUTMEG ROAD SOUTH ASSOCIATES LLC
	0E0 NU IT: 4E 0 E 0 E 0 E	No. 170 450 50 45 50 45 50 50 50 50 50 50 50 50 50 50 50 50 50
	250 NUTMEG ROAD #M	NUTMEG ROAD SOUTH ASSOCIATES LLC

84000085 **KEY MAP** 

SCALE: 1"=200'

ROAD

## LOCATION MAP SCALE: 1"=1,000"

PARKING REQUIREMENTS						
USE FORMULA		A PROPOSED PROPOSED AREA/UNITS EMPLOY		REQUIRED		
INDUSTRIAL & MANUFACTORING	1 SPACE/700 GSF	38,030 GSF	N/A	54.33		
OFFICE 4.5 SPACES/1,000 GSF		1820 GSF	N/A	8.19		
	TOTAL	39,850 GSF	TOTAL	63		

PARKING PROVIDED				
TYPE	QUANTITY			
PARKING	69*			
RESERVE PARKING	8/NET 5			
TOTAL	74*			

NOTES:

\* PER THE TOWN OF SOUTH WINDSOR ZONING REGULATIONS TABLE 6.4.3B, PARKING SPACES SHALL BE PROVIDED AT A RATIO OF 4.5 SP./1,000 SF GFA FOR OFFICE SPACE AND 1 SP./700 SF GFA FOR INDUSTRIAL/MANUFACTURING SPACE.

1,820 SF GFA OF OFFICE / 1,000 SF = 1.82\*4.5 SP. = 8.19 SPACES REQUIRED 38,030 SF GFA OF INDUSTRIAL/ 700 SF = 54.33 SPACES REQUIRED 8.19 + 54.33 = 62.52.

A TOTAL OF 63 SPACES ARE REQUIRED FOR THIS DEVELOPMENT INCLUDING 3 ACCESSIBLE SPACES. 69 SPACES ARE PROVIDED PLUS 5 RESERVE SPACES FOR A

ACCESSIBLE SPACES. 69 SPACES ARE PROVIDED PLUS 5 RESERVE SPACES FOR A TOTAL OF 74 SPACES.

26 ADDITIONAL SPACES ARE AVAILABLE IN FRONT OF OVERHEAD DOORS (BUILDINGS 1, 2 & 3) AND AN ADDITIONAL 32 GARAGE SPACES IN BUILDINGS 1-4.

74 + 26 + 32 = 132 POTENTIAL SPACES.

ADDITIONALLY, PER THE TOWN OF SOUTH WINDSOR ZONING REGULATIONS TABLES 6.4.10A AND 6.4.10B, A PORTION OF THE PASSENGER VEHICLE PARKING SPACES ARE PROVIDED AS LEVEL TWO EV INSTALLED AND LEVEL TWO EV READY. 10% OF PROPOSED SPACES = 7 EV READY SPACES. (69 SPACES  $\times$  .10 = 6.9) 3/10 OF EV READY SPACES = 2 EV INSTALLED SPACES. (7 SPACES  $\times$  .3 = 2.1) OF THE 2 EV INSTALLED SPACES, 2 ARE VAN ACCESSIBLE.

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<b>ZONING</b>	<b>TABL</b>

ZONE: INDUSTRIAL (I)						
<u>ITEM</u>	REQUIRED/ ALLOWED	<u>EXISTING</u>	PROPOSED			
USE	PLUMBING, HEATING, ELECTRICAL, MECHANICAL, INDUSTRIAL AND GENERAL CONTRACTING ESTABLISHMENTS (TABLE 4.1.1.A ZONING REGULATIONS)	-	PLUMBING, HEATING, ELECTRICAL, MECHANICAL, INDUSTRIAL AND GENERAL CONTRACTING ESTABLISHMENTS (TABLE 4.1.1.A ZONING REGULATIONS)			
LOT AREA	30,000 SF	280,424 SF (6.44 AC)	280,424 SF (6.44 AC)			
LOT FRONTAGE	100'	252'	252'			
FRONT YARD	35'	N/A	82.7'			
SIDE YARD	10'	N/A	18.3'			
REAR YARD	25'	N/A	76.7'			
BUILDING HEIGHT	2 STORIES / 40'	N/A	<27'			
PARKING	63	_	74 (WITH 5 RESERVE)			
LOT COVERAGE	50%	0.0%	14.2%			
IMPERVIOUS COVERAGE	65%	0.0%	33.9%			
IMPERVIOUS COVERAGE WITH RESERVE PARKING	65%	0.0%	34.6%			
PARKING LOT LANDSCAPING	10%	_	10.7%			

# PRELIMINARY NOT FOR CONSTRUCTION SE PLANS ARE FOR PLANNING PURPOSES ONLY INTENDED TO SECUR

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:

6510250N | 250 NUTMEG ROAD #N

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.

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# MAN

1395 Tolland Turnpike Manchester Connecticut 06042-1632

860.647.7544

**GENERAL CONTRACTOR** 

PROPERTY OWNER:
TRIO INVESTMENT PROPERTIES LLC
85 FELT ROAD
SOUTH WINDSOR, CT 06074

APPLICANT:
TRIO INVESTMENT PROPERTIES LLC
85 FELT ROAD, UNIT 504
SOUTH WINDSOR, CT 06074

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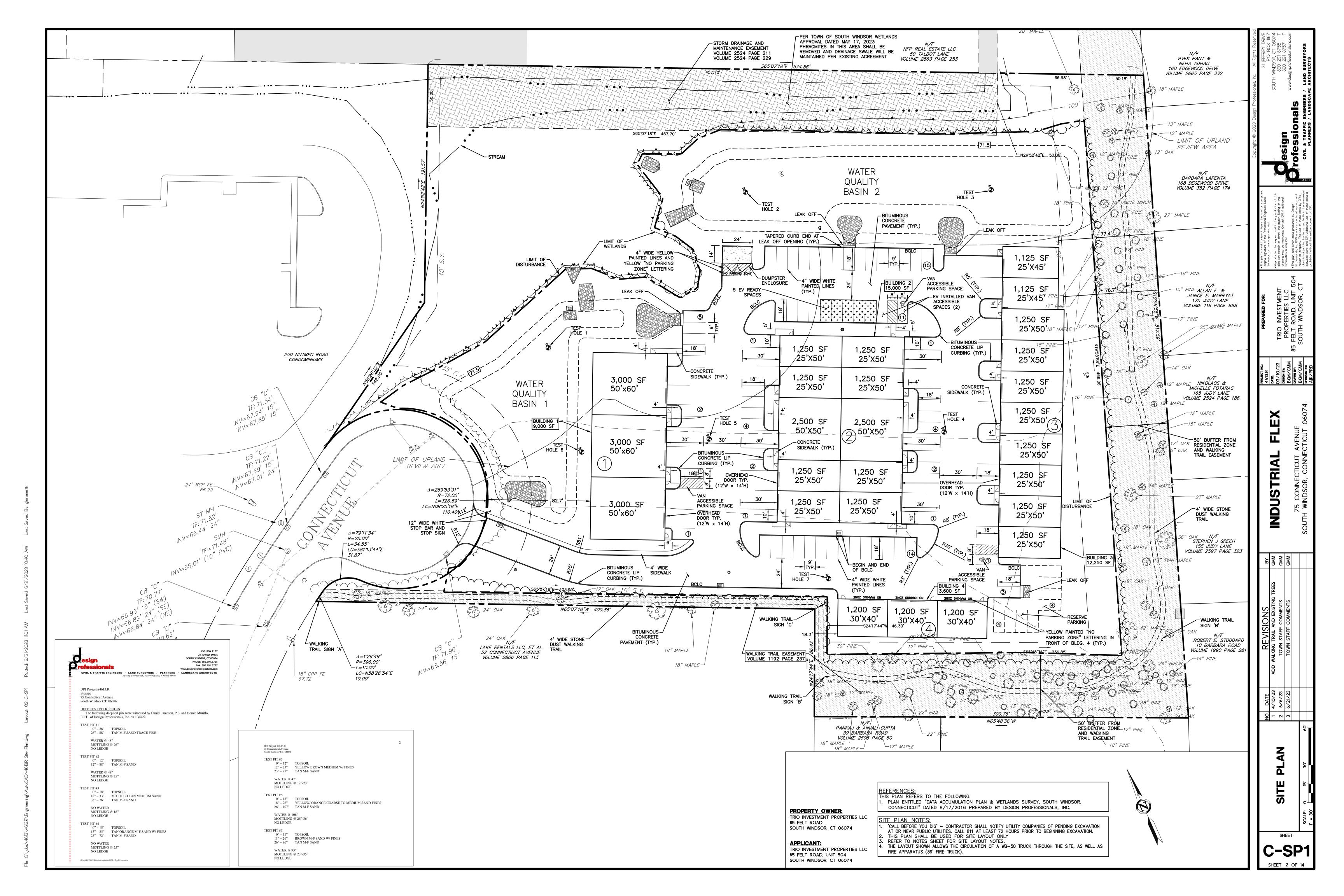
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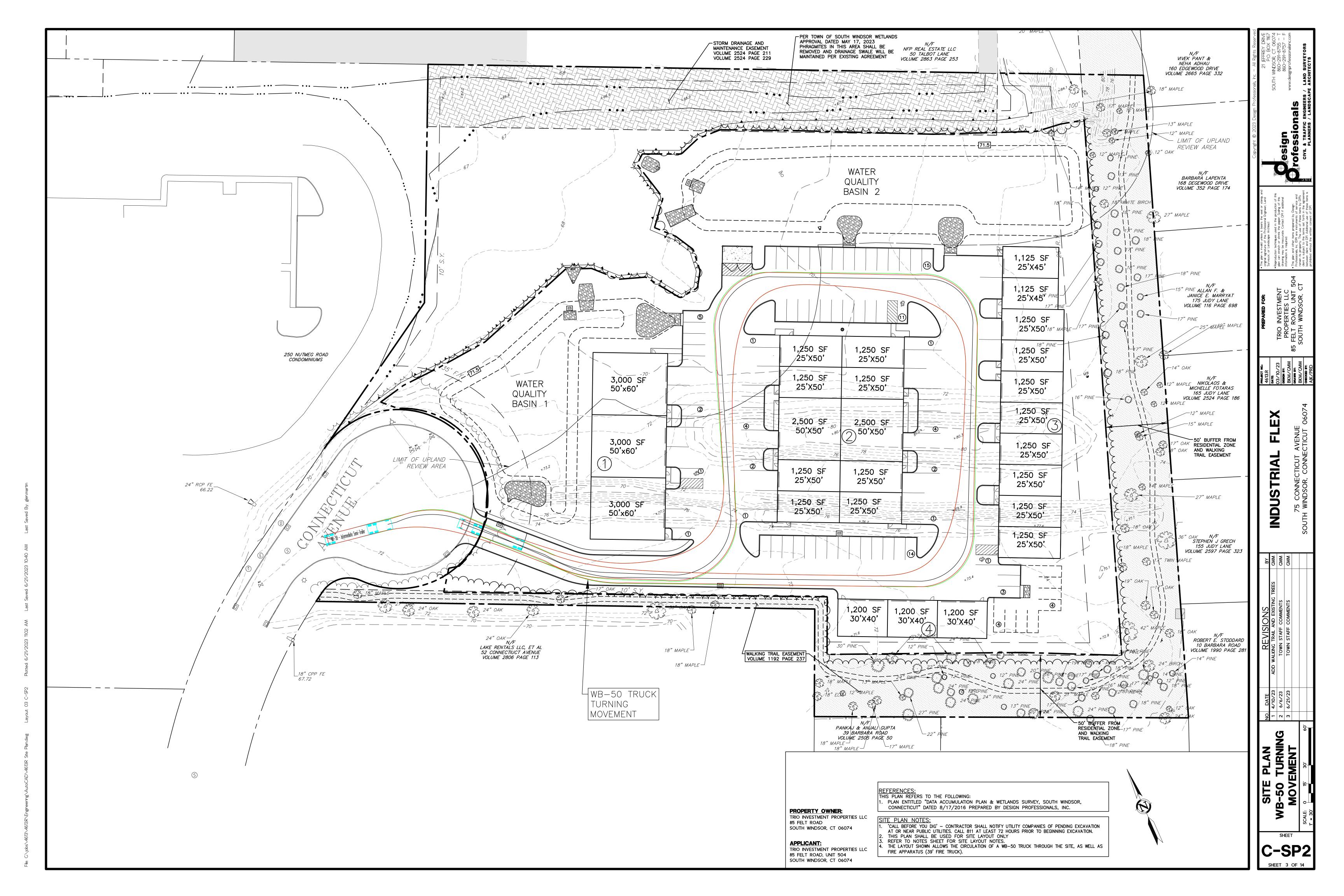
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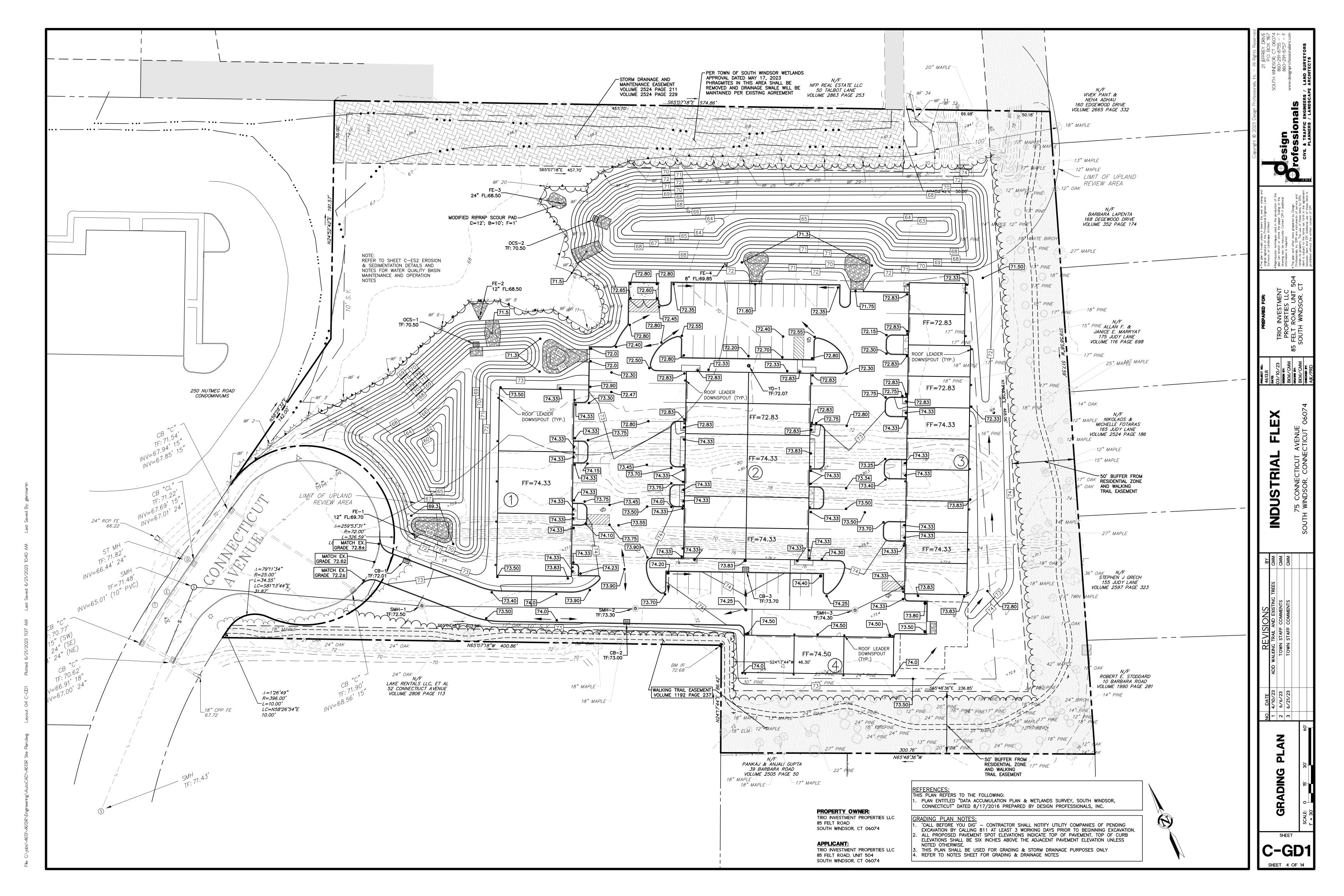
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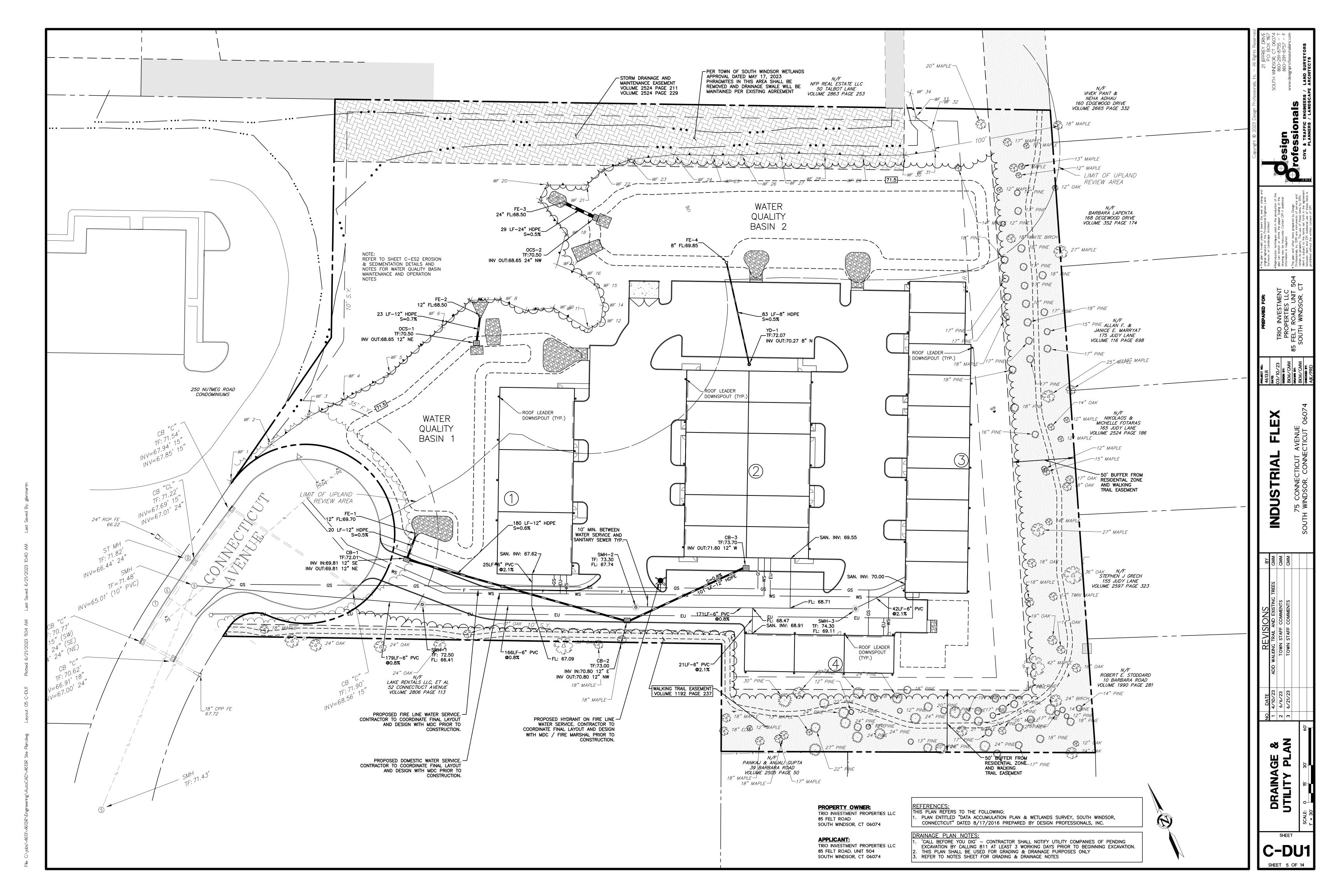
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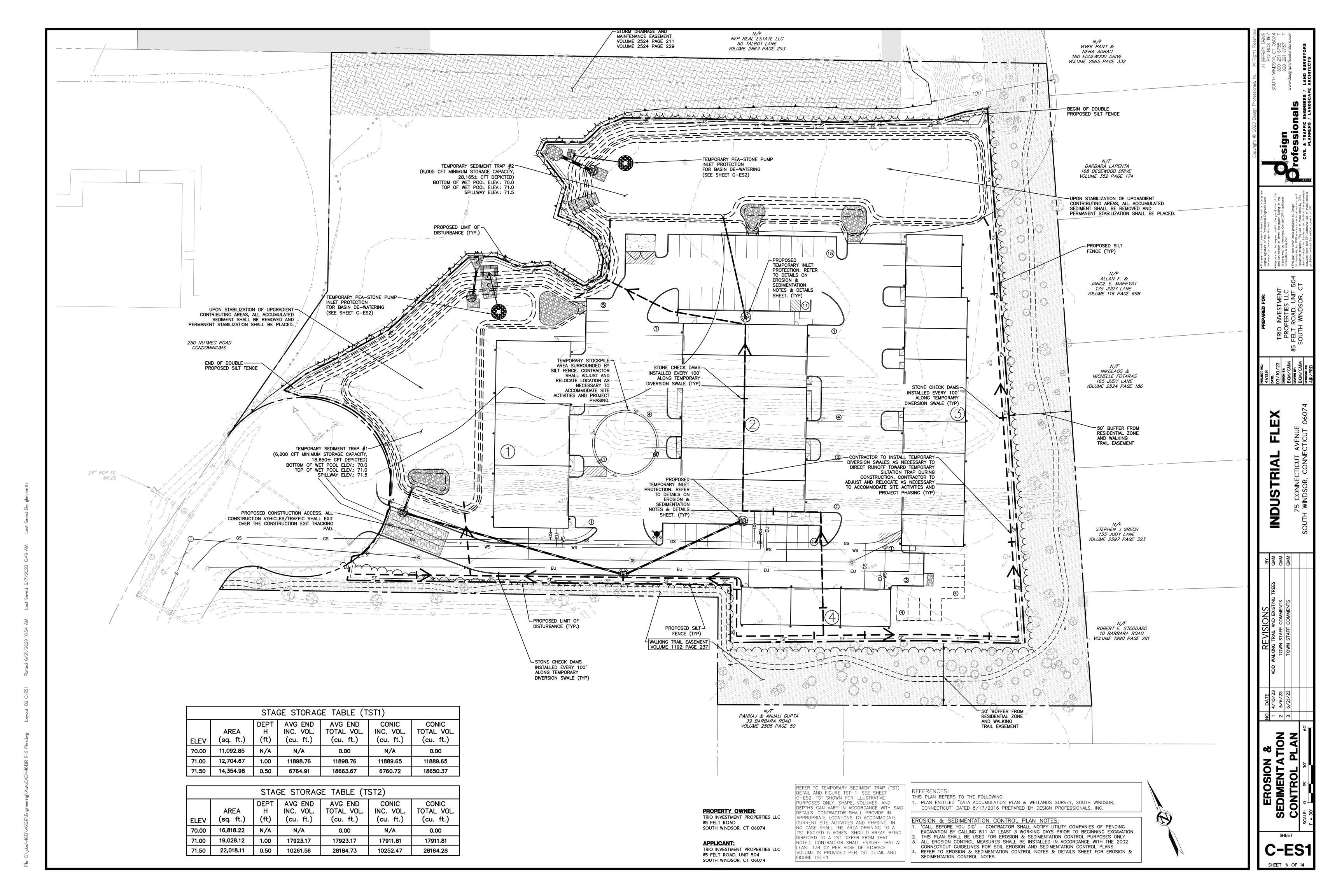
C-T1











24' OR DRIVE WIDTH WHICHEVER IS GREATER 6" THICK LAYER OF RIP RAP CONSISTING OF SOUND, TOUGH. DURABLE AND ANGULAR ROCK, PLACED OVER GEOTEXTILE. MAXIMUM RIPRAP SIZE TO BE 4 INCHES AND NOT MORE THAN 10% LESS THAN 2 1. INSPECT CONSTRUCTION EXIT WEEKLY AND AFTER EVERY MAJOR STORM EVENT 2. WASH WATER, IF USED SHALL BE DIRECTED TOWARDS A SEDIMENT SIZED FOR SITE CONDITIONS. 3. STONE SHALL BE REMOVED/REPLACED WHEN EXCESS LEVELS OF MUD ARE STREET **CONSTRUCTION ACCESS** 

STONE CHECK DAM

STONE ANCHOR-CB GRATE-FILTER FABRIC . - SUBGRADE SUBGRADE -REMOVE CB GRATE. PLACE FILTER FABRIC. REPLACE GRATE TAKING CARE NOT TO DAMAGE FILTER FABRIC. ANCHOR WITH STONE OR EARTH PILE.

CATCH BASIN GRATE

SEDIMENTATION CONTRO

4" ADS N-12 (PUMP TO BASIN SPILLWAY) (SEE NOTE 1) TO BE WRAPPED WITH 2-LAYERS OF MIRAFI FABRIC SECURED WITH A LAYER OF HARDWARE CLOTH OR SIMILAR MESH. 15" SOLID ADS N-12 W/ 1" DIA. HOLES DRILLED INTO INDENTS OF ►3/8" PEA STONE AROUND BASE. 1. ALL PUMPED DISCHARGE FROM BASIN SHALL PASS THROUGH A DE-WATERING BAG (SILT SAC). THE DE-WATERING BAG SHALL BE 4' x 4' (MINIMUM). TEMPORARY SEDIMENT BASIN

DE-WATERING

N.T.S. 2.0' min. - Flevation mark for

Modified rock riprap CT DOT

REFER TO 2002 CT GUIDELINES FOR SOIL AND SEDIMENT CONTROL FOR ADDITIONAL DETAIL AND

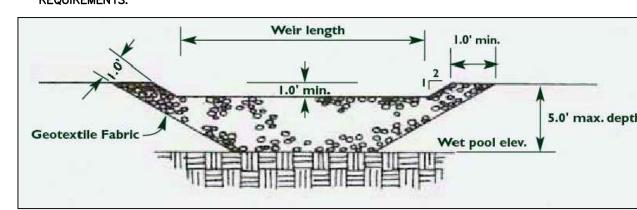


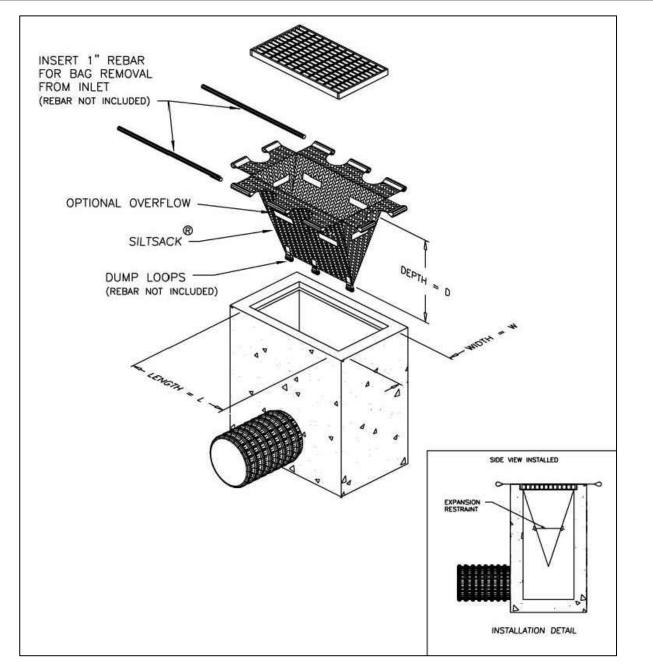
Figure TST-1 Formula for Figuring Temporary Sediment Trap Storage Requirement Wet storage volume may be approximated as follows:  $Vw = 0.85 \times A_w \times D_w$  $V_w$  = the wet storage volume in cubic feet  $A_{10}$  = the surface area of the flooded area at the base of the stone outlet in square feet  $D_w$  = the maximum depth in feet, measured from the low point in the trap to the base of the stone Dry storage volume may be approximated as follows:  $V_d$  = the dry storage volume  $A_w$  = the surface area of the flooded area at the base of the stone outlet in square feet.  $A_d$  = the surface area of the flooded area at the top of the stone outlet (over flow mechanism), in  $D_d$  = the depth in feet, measured from the base of the stone outlet to the top of the stone outlet Note: Conversion between cubic feet and cubic yards is: cubic feet x 0.037 = cubic yards.

VOLUME OF TST SHALL BE A MINIMUM OF 134 CUBIC YARDS PER ACRE DRAINING TO IT. HALF OF THE REQUIRED VOLUME SHALL BE FOR WET STORAGE WHILE THE OTHER HALF SHALL BE FOR DRY STORAGE. REFER TO GENERAL SIZING CALCULATIONS FOR TST BELOW.

TEMPORARY SEDIMENT TRAP

1) CONTRACTOR SHALL LIMIT CONTRIBUTING AREA TO DIVERSION SWALES TO 1 ACRE OR LESS, AND SHALL BE INSTALLED AT GRADES OF 2% OR LESS. COMPACTED MATERIAL GRADE GRADE 3:1 SIDE SLOPES -OR FLATTER 1:1 SIDE SLOPES -OR FLATTER

TEMPORARY DIVERSION SWALE N.T.S.



CURB-LESS INLET PROTECTION DETAIL

N.T.S.

**CONSTRUCTION SEQUENCE:** 

1. INSTALL CONSTRUCTION ACCESS AT DRIVEWAYS OR OTHER LOCATIONS AS SHOWN ON PLANS. MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENT ONTO ABUTTING PAVED SURFACES. ADD STONE OR INCREASE THE LENGTH AS CONDITIONS DEMAND.

2. STAKE-OUT THE LIMITS OF CLEARING AND GRUBBING. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AT LIMITS OF CLEARING AND GRUBBING. CONTRACTOR TO CONDUCT ALL CONSTRUCTION ACTIVITIES WITHIN LIMITS SHOWN ON PLAN.

3. CONSTRUCT TEMPORARY SEDIMENT BASINS AND/OR TRAPS AS SHOWN ON THE PLANS.

4. 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.

5. 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." (IF DRAINING TO IMPAIRED WATER: ESTABLISH VEGETATION ON ALL DISTURBED SOIL THAT WILL REMAIN EXPOSED FOR LONGER THAN 14 DAYS. SEED WITHIN 3 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.")

6. CREATE TEMPORARY DIVERSION SWALES AS REQUIRED.

7. 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.

8. INSTALL STORM DRAINAGE SYSTEM. PROTECT CATCHBASINS AND CULVERT INLETS/OUTLETS WITH INLET PROTECTION AS SHOWN IN THE DETAILS.

9. INSTALL PAVEMENT, SIDEWALKS, CURBING, TOPSOIL, GRASS SEED, AND MULCH.

10. AFTER STABILIZATION OF UPGRADIENT CONTRIBUTING AREAS TO THE TEMPORARY SEDIMENT BASINS AND/OR TRAPS, ALL ACCUMULATED SEDIMENT SHALL BE REMOVED AND PERMANENT STABILIZATION SHALL BE

11. MINOR ADJUSTMENTS TO THE EXCAVATION LIMITS MAY BE WARRANTED WITH APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION TO ALLOW FOR PRESERVATION OF EXISTING VEGETATION.

12. 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 REPLENISHED AS REQUIRED.

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

PAVEMENT SWEEPING: PAVEMENT AREAS SHALL BE SWEPT 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.

OUTLET STRUCTURES: SHALL BE INSPECTED 4 TIMES PER YEAR WHEN THE WATER QUALITY BASINS ARE INSPECTED AND SUMP CLEANED WHEN DEPTH OF MATERIAL REACHES TWELVE INCHES. IN THE EVENT OF A MAJOR RAINSTORM, (0.5 INCHES OF RAIN OR MORE) THE OUTLET STRUCTURE SHALL BE INSPECTED TO ENSURE PROTECTIVE SCREENS ARE CLEAR OF ANY DEBRIS OR OBSTRUCTING ITEMS.

SEDIMENT FOREBAYS: 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 BASIN: SHALL BE INSPECTED 4 TIMES PER YEAR, ALL WOODY, NON LANDSCAPE GROWTH SHALL BE REMOVED. ANY EROSION/RILLS NOTED WITHIN THE BASIN SHALL BE REPAIRED TO PROVIDE STABILIZED SURFACES. ANY EROSION OR OTHER NOTED DEFICIENCIES THAT WOULD AFFECT THE OPERATION OF THE BASIN OR CAUSE RESOURCE AREA IMPACTS SHALL BE REMEDIED IMMEDIATELY. THE BASIN SHALL BE MONITORED TO ASSURE PROPER DEWATERING/EMPTYING OF STORMWATER. BASIN SHALL COMPLETELY DEWATER/EMPTY WITH 72 HOURS AFTER A STORM EVENT. IF STANDING WATER IS OBSERVED AFTER THIS 72 HOUR PERIOD, THE BOTTOM OF BASIN SHALL BE EXCAVATED TO THE UPPER LAYER OF THE FILTER FABRIC/SUB-DRAIN, AND REPLACE WITH 4" OF LOAM AND SEED.

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

ASSEMBLY DETAIL

INNER TIE WIRE DETAILS

PRIOR TO THE START OF CONSTRUCTION, ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THESE PLANS.

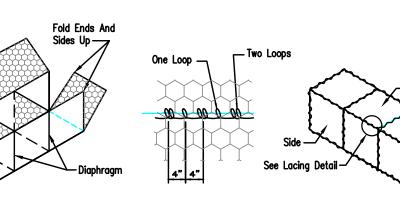
2. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHOWN ON THESE PLANS. THIS RESPONSIBILITY INCLUDES IMPLEMENTATION AS WELL AS MAINTENANCE. ANY PROPOSED CHANGES TO THIS PLAN MUST BE APPROVED BY THE ENGINEER AND/OR THE LOCAL AUTHORITY HAVING JURISDICTION.

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 SWEPT 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:



LACING DETAIL

4 INCH INTERVALS.

1. THE ENDS OF A LACING WIRE WILL BE SECURED BY LOOPING IT THRU THE MESH AND TWISTING. PROCEED TO LACE WITH ALTERNATE TWO LOOPS AND ONE LOOP AT APPROXIMATELY

WIRE LACING DETAIL

2. OTHER LACING METHODS MAY BE USED IF RECOMMENDED BY THE MANFUACTURER AND APPROVED BY THE ENGINEER/INSPECTOR.

3. THE "X" SHAPED INNER TIE MAY BE TWISTED AT THE "X" TO TIGHTEN, IF PLACED TOO LOOSELY.

> WOOD CHIP FILLED **GABION BASKETS**

90# / 1000 S.F. STRAW

TEMPORARY SEEDING: 1.0# / 1000 S.F. PERENNIAL RYEGRASS

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.

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 A 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

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 - FALL 2023 - FALL 2024 ESTIMATED COMPLETION DATE

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

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, NONTOXIC 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.

CONTACT INFO

TEODORA ROTAUR 860-796-5618

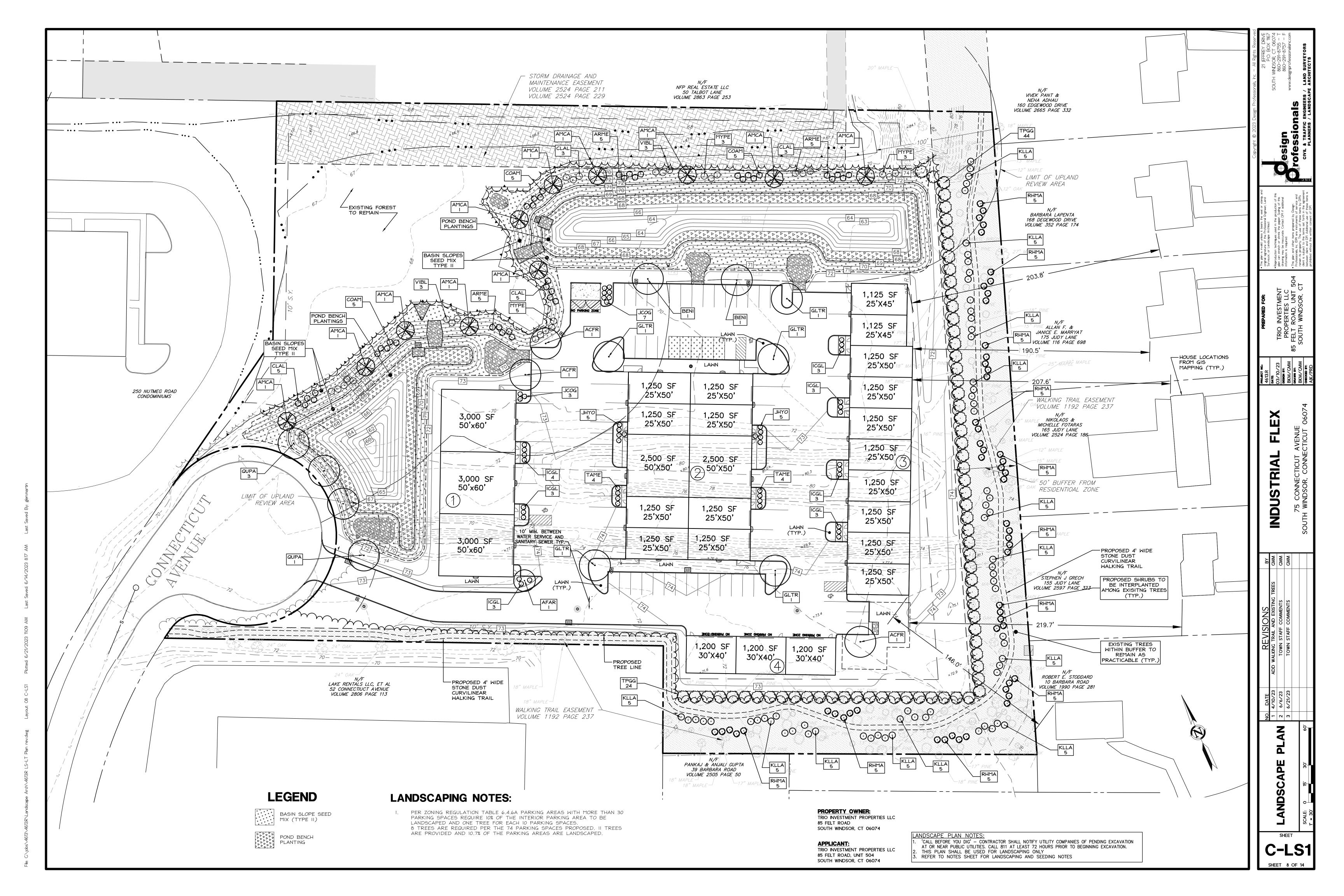
**PROPERTY OWNER:** TRIO INVESTMENT PROPERTIES LLC 85 FELT ROAD SOUTH WINDSOR, CT 06074

TRIO INVESTMENT PROPERTIES LLC 85 FELT ROAD, UNIT 504 SOUTH WINDSOR, CT 06074

<u>APPLICANT:</u>

DESC DESC DATE

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PLANTS: ALL PLANTS SHALL COMPLY WITH THE RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD OF NURSERY STOCK." PROVIDE PLANTS TYPICAL OF THEIR SPECIES OR VARIETY WITH NORMAL, DENSELY-DEVELOPED BRANCHES AND VIGOROUS, FIBROUS ROOT SYSTEMS. PROVIDE ONLY SOUND, HEALTHY, VIGOROUS PLANTS FREE FROM INSECT PESTS, DISEASES, AND PHYSICAL INJURY. ALL PLANTS SHALL HAVE A FULLY DEVELOPED FORM WITHOUT VOIDS AND OPEN SPACES.

BALLED AND BURLAPPED PLANTS: DIG BALLED AND BURLAPPED PLANTS WITH FIRM, NATURAL BALLS OF EARTH OF SUFFICIENT DIAMETER AND DEPTH TO ENCOMPASS THE FIBROUS AND FEEDING ROOT SYSTEM NECESSARY FOR FULL RECOVERY OF PLANT, PROVIDE BALL SIZES COMPLYING WITH THE LATEST EDITION OF THE "AMERICAN STANDARD FOR NURSERY STOCK" CRACKED OR MUSHROOMED BALLS ARE NOT ACCEPTABLE BARE-ROOT PLANTS: DUG WITH ADEQUATE FIBROUS ROOTS, COVERED WITH A UNIFORMLY THICK COATING OF MUD BY BEING PUDDLED IMMEDIATELY AFTER THEY ARE DUG, OR PACKED IN MOIST STRAW OR PEAT CONTAINER\_GROWTH STOCK: GROWN IN A CONTAINER FOR SHEFICIENT LENGTH OF TIME FOR THE ROOT

SYSTEM TO HAVE DEVELOPED TO HOLD ITS SOIL TOGETHER, FIRM AND WHOLE. CONTAINER STOCK SHALL NOT BE POT BOUND. CONTAINER STOCK SHALL NOT BE LOOSE IN THE CONTAINER.

ALL PLANTS SHALL BE NURSERY GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY
OF THE PROJECT, FOR AT LEAST ONE YEAR.

CONTRACTOR RESPONSIBLE TO WARRANT PLANT MATERIAL TO REMAIN ALIVE AND BE HEALTHY, VIGOROUS
CONDITION FOR A PERIOD OF I YEAR AFTER FINAL ACCEPTANCE OF ENTIRE PROJECT INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM NEGLECT BY OWNER, ABUSE OR DAMAG BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND CONTRACTOR'S CONTROL. CONTRACTOR TO REMOVE AND REPLACE TREES, SHRUBS, OR OTHER PLANTS FOUND TO BE

UNHEALTHY CONDITION DURING WARRANTY PERIOD AT CONTRACTOR'S EXPENSE. REPLACE TREES AND SHRUBS WHICH ARE IN DOUBTFUL CONDITION AT END OF WARRANTY PERIOD, AND EXTEND WARRANTY PERIOD FOR AN ADDITIONAL GROWING SEASON FOR THE REPLACEMENT PLANTS. CONTRACTOR RESPONSIBLE FOR PLANTING UNDER FAVORABLE WEATHER CONDITIONS AND RECOMMENDED SEASON FOR PLANT SURVIVAL AND ESTABLISHMENT. AT OPTION OF, AND UNDER FULL RESPONSIBILITY OF CONTRACTOR, PLANTING OPERATIONS MAY BE CONDUCTED UNDER UNSEASONABLE CONDITIONS, BUT WITHOUT ADDITIONAL COMPENSATION. IF SPECIAL CONDITIONS EXIST TO REQUIRE PLANTING OUTSIDE THE ABOVE SPECIFIED DATES, THE CONTRACTOR SHALL SUBMIT IN WRITING FOR PERMISSION BY THE OWNER'S

GUARANTEE PERIOD. NON-AVAILABILITY TO OWNER TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL. SUBSTITUTION PLANTS WILL NOT BE PERMITTED UNLESS APPROVED IN WRITING BY THE OWNER.

ROOT TYPES MAY BE FREELY SUBSTITUTED IN THE CASE OF BALLED AND BURLAPPED, OR CONTAINER

GROWN. ALL OTHER SPECIFICATIONS REMAINING UNCHANGED. BARE ROOT OR COLLECTED PLANTS ARE NOT ACCEPTABLE AS SUBSTITUTES WITHOUT RECEIPT OF A CHANGE ORDER

PRIOR TO PLANTING, THE CONTRACTOR SHALL OBTAIN SOIL TEST FROM A CERTIFIED SOIL LABORATORY FOR ALL AREAS OF THE SITE WITH RECOMMENDATIONS FOR APPROPRIATE SOIL AMENDMENTS FOR THE TYPES OF LIME SHALL BE PELLETIZED LIME MANUFACTURED TO MEET AGRICULTURAL STANDARDS AND CONTAIN A

SLOW-RELEASE COMPOSITION. NO SOIL AMENDMENTS OR FERTILIZER SHALL BE USED FOR AREA DISTURBED WITHIN WETLANDS OR CREATED WATER QUALITY BASINS CONTRACTOR TO HAVE FERTILIZER MATERIALS DELIVERED IN ORIGINAL, UNOPENED, AND UNDAMAGED CONTAINERS SHOWING WEIGHT, ANALYSIS, AND NAME OF MANUFACTURER. STORE IN MANNER TO PREVENT

STRUCTURES, EDGE OF PAVEMENT, OR BACK OF CURB. TREES IN EXCESS OF 3" CALIPER SHALL BE SUBJECT TO INSPECTION FOR CONFORMITY TO THE SPECIFICATIONS AND APPROVAL OF LANDSCAPE ARCHITECT AT THEIR PLACE OF GROWTH AND UPON DELIVERY. WRITTEN REQUEST SHALL BE SUBMITTED 10 DAYS PRIOR.

CONTRACTOR RESPONSIBLE TO SUBMIT CERTIFICATES OF INSPECTION AS REQUIRED BY GOVERNMENTAL AUTHORITIES. LANDSCAPE MATERIALS TO BE SHIPPED WITH CERTIFICATES OF INSPECTION REQUIRED BY GOVERNMENTAL AUTHORITIES. COMPLY WITH REGULATIONS APPLICABLE TO LANDSCAPE MATERIALS AND CONTRACTOR TO SUBMIT MANUFACTURER'S OR VENDOR'S CERTIFIED ANALYSIS FOR FERTILIZER MATERIALS.

MOVING AND STORAGE OF PLANT MATERIALS: CONTRACTOR TO TAKE ALL PRECAUTIONS CUSTOMARY IN GOOD

DIGGING TO PREVENT DEHYDRATION. LEGIBLY TAG PLANTS WITH BOTANICAL NAME AND SIZE IN ACCORDANCE WITH THE STANDARDS OF PRACTICE OF THE AMERICAN ASSOCIATION OF NURSERYMEN. DIG, PACK, TRANSPORT, AND HANDLE PLANTS WITH CARE TO ENSURE PROTECTION AGAINST INJURY. ULLY PROTECT PLANTS FROM DAMAGE BY SUN, WIND, DROUGHT, WATER AND OTHER INJURIOUS CONDITIONS DURING TRANSPORTATION TO SITE AND DURING TEMPORARY STORAGE BEFORE PLANTING INSPECTION CERTIFICATES REQUIRED BY LAW SHALL ACCOMPANY EACH SHIPMENT INVOICE OR ORDER TO STOCK AND ON ARRIVAL. THE CERTIFICATE SHALL BE FILED WITH THE OWNER. NO PLANT SHALL BE BOUND WITH ROPE OR WIRE IN A MANNER THAT COULD DAMAGE OR BREAK THE

SIZE INDICATED ON THE DRAWINGS. HE HEIGHT OF THE TREE, MEASURED FROM THE CROWN OF THE ROOTS TO THE AVERAGE HEIGHT OF THE TOP OF THE TREE. SHALL NOT BE LESS THAN THE MINIMUM SIZE DESIGNATED IN THE PLANT LIST SHRUBS AND SMALL PLANTS SHALL MEET THE REQUIREMENTS FOR SPREAD AND HEIGHT INDICATED IN THE NO PRUNING WOUNDS SHALL BE PRESENT WITH A DIAMETER OF MORE THAN I INCH AND SUCH WOUNDS MUST

MANUFACTURER'S INSTRUCTIONS. WATER IS TO BE SUPPLIED FOR PLANTS THAT IS CLEAN, FREE FROM TOXIC AMOUNTS OF SALT, OIL, ACID ALKALI, ORGANIC MATTER OR OTHER SUBSTANCES HARMFUL TO PLANTS.

BE MULCHED. PLANTING SOIL AROUND ROOTS. DO NOT PLACE MULCH WITHIN 3" OF TREE TRUNKS. APPLY BARK MULCH TO A UNIFORM DEPTH OF 2 INCHES.

MULCH SHALL BE 6 MONTHS OLD, WELL-ROTTED, SHREDDED, NATIVE HARDWOOD BARK, NOT LARGER THAN 4" IN LENGTH AND 1/2" IN WIDTH, FREE OF WOOD CHIPS AND SAWDUST. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIALS: MAINTAIN PLANTINGS UNTIL FINAL ACCEPTANCE OF WORK.

MAINTENANCE SHALL INCLUDE PRUNING, WEEDING, WATERING, AND APPLICATION OF APPROPRIATE INSECTICIDES AND FUNGICIDES NECESSARY TO MAINTAIN PLANTS FREE OF INSECTS AND DISEASE. MATERIAL AND REMOVE DEAD MATERIAL.

AND SEASON PERMIT. WATER PLANTINGS IN A SATISFACTORY MANNER DURING AND IMMEDIATELY FOLLOWING PLANTING, TWICE PER WEEK, OR LESS UNDER WET CONDITIONS, UNTIL ACCEPTANCE BY OWNER. PROVIDE ADDITIONAL WATERING DURING EXCESSIVE DRY PERIODS DURING THE MAINTENANCE PERIOD AS DIRECTED BY THE REPLACEMENT OF PLANTS: ANY PLANTS TO BE REPLACED PRIOR TO ACCEPTANCE OF WORK, OR UNDER

ANDSCAPE CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG 1-800-922-4455 AT LEAST TWO FULL WORKING DAYS PRIOR TO INSTALLATION.

THE LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED FOR APPROVAL BY THE OWNER'S

BLUEGRASS BLEND (3 VARIETIES) 50% OF MIXTURE CHEWINGS RED FESCUE 30% OF MIXTURE

BASIN SIDE SLOPES SHALL HAVE A MINIMUM OF 6" OF "TRACKED" TOPSOIL UNLESS OTHERWISE NOTED. SEED MIXES IN AND AROUND DETENTION BASINS SHALL BE SUBSTANTIALLY ESTABLISHED PRIOR TO DISCHARGING RUNOFF

FROM THE STORMWATER SYSTEM.
SEEDING OF BASIN SLOPES (SEEDING MIXTURE TYPE II) SHALL BE BY HYDROSEEDING AND HYDRO-MULCHING. ADD AN ADITIONAL 15% TO SEEDING MIXTURE WHEN HYDRO-SEEDING IS USED. HYDROMULCH SHALL BE EQUAL TO CONWED 2000

AND APPLIED AT THE RATE OF 1,400LBS. PER ACRE. 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.

### STREET TREE NOTES:

ALL TREES SHALL BE HANDLED BY THE ROOT BALL AND NOT BY THE TRUNK OF THE TREE.

THE TRUNK OF THE TREE.

ALL ROPE OR TWINE SHALL BE COMPLETELY REMOVED ONCE THE TREE HAS BEEN PLACED IN THE PLANTING AREA, BURLAP SHALL BE ROLLED DOWN AND CUT OR TUCKED UNDER THE ROOT BALL.

ANY WIRE BASKETS SHALL BE CUT AND THE UPPER 2/3 REMOVED AFTER THE TREE IS PLACED IN THE PLANTING AREA.

ALL TREES SHALL BE FRESHLY DUG WITHIN 30 DAYS OF DELIVERY TO THE PLANTING SITE. ALL TWINE, ROPE OR ANY OTHER OBJECTS AROUND THE ROOT BALL

SHALL BE REMOVED.

A PLANTING AREA OF TWO TIMES THE DIAMETER OF THE ROOT BALL

SHALL BE EXCAVATED. THE DEPTH OF THE EXCAVATION SHALL BE

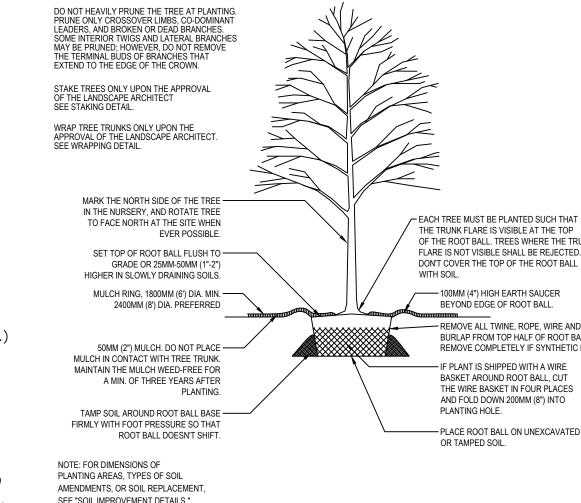
TWO INCHES LESS THAN THE OVERALL HEIGHT OF THE ROOT BALL AS EASURED FROM THE ROOT FLAIR ON THE TRUNK TO THE BOTTOM OF THE ROOT BALL. ALL EXCAVATED MATERIAL SHALL BE DEPOSITED AT AN APPROVED WHEN BACK FILLING TREES, GROWING MEDIUM SHALL BE WORKED IN

TO AVOID ANY AIR POCKETS. CARE MUST BE TAKEN NOT TO COMPACT GROWING MEDIUM EXCESSIVELY. THE BEGINNING OF THE ROOT FLAIR SHALL BE SET TWO INCHES ADOVE FINAL GRADE.

WATER SHALL BE APPLIED AS SOIL CONDITIONS DICTATE.

ALL TREE TRUNKS SHALL BE FREE FROM ANY INJURY OR DAMAGE ALL TREES SHALL HAVE A SINGLE CENTRAL DOMINANT LEADER. TREES SHALL NOT BE STAKED OR GUYED UNLESS DICTATED BY THE

TREE WARDEN THE DEPTH OF ALL MULCH SHALL NOT EXCEED MORE THAN TWO ALL TAGS, RIBBONS, OR OTHER MARKINGS SHALL BE REMOVED.



NOTE: FOR DETAILED REQUIREMENTS -RELATED TO THE PLANTING OF THE TREE IN THE IMPROVED SOIL, SEE BACK FILL WITH EXISTING SOIL "TREE PLANTING DETAIL." MAX BY VOLUME COMPOSTED ORGANIC MATERIAL TO THE LOAMY SOIL -EXISTING SOIL. - 1:1 SLOPE ON SIDES OF PLANTING HOLE. - LINEXCAVATED OR TAMP SOIL AROUND ROOT BALL COMPACTED MOUND BASE FIRMLY WITH FOOT UNDER THE ROOT PRESSURE SO THAT ROOT BALL TO PREVENT BALL DOES NOT SHIFT. SETTLEMENT. LOAMY SOILS INCLUDE THE FOLLOWING USDA TEXTURAL CLASSIFICATIONS AND HAVE A CLAY CONTENT OF

WIRE OR CABLE SIZES SHALL BE AS FOLLOWS: TREES UP TO 65 MM (2.5 IN.) CALIPER - 14 GAUGE TREES 65 MM (2.5 IN.) TO 75 MM (3 IN.) CALIPER - 12 GAUGE TIGHTEN WIRE OR CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 35MM (1.5 IN.) OF GROWTH AND BUFFER ALL BRANCHES FROM THE WIRE. TUCK ANY LOOSE ENDS OF THE WIRE OR CABLE INTO THE WIRE WRAP SO THAT NO SHARP WIRE ENDS ARE EXPOSED. 13MM (0.5") DIAMETER -PLASTIC HOSE GALVANIZED WIRE OR CABLE -TWIST WIRE TO TIGHTEN. 2"x2"X8' HARDWOOD STAKES OR OTHER — APPROVED STAKE MATERIAL PAINT TOP 6" OF STAKES ORANGE FOR NOTE: ALL STAKES SHALL BE DRIVEN OUTSIDE THE EDGE OF THE ROOT BALL

ASSURE THAT THE BEARING SURFACE OF THE PROTECTIVE COVERING OF THE WIRE OR CABLE AGAINST THE TREE TRUNK IS A MINIMUM OF 12 MM (0.5 IN.) REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED. STAKES SHALL BE REMOVED NO LATER THE END OF THE FIRST

TREES NORMALLY DO NOT NEED TO BE STAKED AND STAKING CAN BE HARMFUL TO THE TREE. STAKING SHOULD BE DONE ONLY WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT IF IT IS EXPECTED THAT THE TREE WILL NOT BE ABLE TO SUPPORT ITSELF. THE FOLLOWING ARE REASONS WHY TREES DO NOT REMAIN STRAIGHT. o TREES WITH POOR QUALITY ROOT BALLS OR ROOT BALLS THAT HAVE BEEN CRACKED OR DAMAGED. REJECT RATHER THAN STAKE o TREES THAT HAVE GROWN TOO CLOSE TOGETHER IN THE NURSERY, RESULTING IN WEAK TRUNKS. REJECT RATHER THAN STAKE. o PLANTING PROCEDURES THAT DO NOT ADEQUATELY TAMP SOILS AROUND THE ROOT BALL. CORRECT THE PLANTING PROCEDURE o ROOT BALLS PLACED ON SOFT SOIL. TAMP SOILS UNDER ROOT BALL PRIOR TO PLANTING. o ROOT BALLS WITH VERY SANDY SOIL OR VERY WET CLAY SOIL. STAKING ADVISABLE.

TREE STAKING DETAIL (3" CAL. OR SMALLER)

QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	NOTES
90	Calamagrostis canadensis	Canada Bluejoint	ONE YR GROWTH	2" POT	3' O.C.
90	Carex stricta	Tussock Sedge	ONE YR GROWTH	2" POT	3' O.C.
90	Iris versacolor	Blue Flag Iris	ONE YR GROWTH	2" POT	3' 0.C.
90	Juncus effusus	Soft Rush	ONE YR GROWTH	2" POT	3' O.C.
90	Leersia oryzoides	Rice Cutgrass	ONE YR GROWTH	2" POT	3' O.C.
90	Mimulus ringens	Monkey-flower	ONE YR GROWTH	2" POT	3' O.C.
90	Sagittaria Iatifolia	Northern Arrowhead	ONE YR GROWTH	2" POT	3' O.C.
90	Scirpus cyperinus	Wool Grass	ONE YR GROWTH	2" POT	3' O.C.
90	Scirpus pungens	Common Three—Square	ONE YR GROWTH	2" POT	3' O.C.
90	Scirpus validus	Soft-stem Bulrush	ONE YR GROWTH	2" POT	3' O.C.
90	Sparganum erucarpum	Giant Burreed	ONE YR GROWTH	2" POT	3' O.C.
90	Verbena hastata	Blue Vervain	ONE YR GROWTH	2" POT	3' O.C.

LANDSCAPE PLANTING SCHEDULE								
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	NOTES		
DECIDUOUS TREES								
ACFR	3	Acer x. freemanii 'Jeffer's Red'	Autumn Blaze Maple	2" cal.	B&B	PLANT AS SHOWN		
AMCA	11	Amelanchier canadensis	Serviceberry	5'-6' Ht.	B&B	PLANT AS SHOWN		
AFAR	1	Acer x. freemanii 'Armstrong'	Armstrong Maple	2" Cal.	B&B	PLANT AS SHOWN		
BENI	2	Betula nigra 'Heritage'	Heritage River Birch	8'-10' Ht.	B&B	PLANT AS SHOWN		
GLTR	5	Gleditsia triacanthos var. inermis 'Skyline'	Skyline Honeylocust	2" cal.	B&B	PLANT AS SHOWN		
QUPA	4	Quercus palustris	Pin Oak	2" cal.	B&B	PLANT AS SHOWN		
EVERGRE	EN TREES			•	•			
TPGG	68	Thuja plicata 'Green Giant'	Green Giant Arborvitae	6'-8' ht.	B&B	PLANT AS SHOWN		
SHRUBS				•				
ARME	15	Aronia melonocarpa	Black Chokeberry	No. 3	CONT.	PLANT AS SHOWN		
CLAL	16	Clethra alnifolia	Sweet Pepperbush	No. 3	CONT.	PLANT AS SHOWN		
COAM	15	Corylus americana	American Hazelnut	No. 3	CONT.	PLANT AS SHOWN		
ICGL	22	llex crenata 'Green Lustre'	Green Lustre Japanese Holly	No. 3	CONT.	PLANT AS SHOWN		
JCOG	10	Juniperus chinensis 'Old Gold'	Old Gold Juniper	No. 3	CONT.	PLANT AS SHOWN		
JHYO	10	Juniperus horizontalis 'Youngstown'	Compact Pfitzer Juniper	No. 3	CONT.	PLANT AS SHOWN		
KLLA	65	Kalmia latifolia	Mt. Laurel	No. 3	CONT.	PANT AS SHOWN		
MYPE	11	Myrica pensylvanica	Northern Bayberry	No. 3	CONT.	PLANT AS SHOWN		
RHMA	55	Rhododendron maximum	Rosebay Rhododendron	No. 3	CONT.	PLANT AS SHOWN		
TAME	8	Taxus x media 'Densiformis'	Dense Spreading Yew	No. 3	CONT.	PLANT AS SHOWN		
VIBL	6	Viburnum lentago	Nannyberry	No. 3	CONT.	PLANT AS SHOWN		

PROPERTY OWNER: TRIO INVESTMENT PROPERTIES LLC 85 FELT ROAD SOUTH WINDSOR, CT 06074

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NO PRUNING SHALL BE PERFORMED UNLESS DIRECTED BY THE TREE NO FERTILIZERS OR WATER POLYMERS SHALL BE APPLIED AT REPRESENTATIVE. ANY VARIANCE IN THE PLANTING SEASON WILL NOT AFFECT THE ONE YEAR PLANTING OF THE ROOT BALL. TREES WHERE THE TRUNK IN SANDY LOAM SOILS, ADD 20% NOT MAKE SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF PROVIDE A MINIMUM OF 12" OF PLANTING SOIL MIXTURE IN ALL PLANTING BEDS. - REMOVE ALL TWINE, ROPE, WIRE AND PLANTING SOIL MIXTURE (BY VOLUME) SHALL BE EQUAL TO:
A. BARK MULCH/COMPOST 10%-12% 3" HIGH EARTH SAUCER (TYP.) BURLAP FROM TOP HALF OF ROOT BALL REMOVE COMPLETELY IF SYNTHETIC IS USED. 2" SHREDDED BARK MULCH REMOVE BURLAP AND TIES FROM TOP 1/3 BALL MAXIMUM OF 60% OXIDE. (I.E., CALCIUM OXIDE PLUS MAGNESIUM OXIDE).
FERTILIZER SHALL BE OF A FORMULA INDICATED BY THE SOIL TESTING TO ACHIEVE A MINIMUM OF ONE
POUND OF NITROGEN PER 1000 S.F. OF LAWN AREA. FERTILIZER SHALL BE A MINIMUM OF 50% ORGANIC BETWEEN 15 TO 27%: LOAM, SANDY LOAM AND SILT LOAM. NOTE THAT SOILS AT THE OUTER LIMITS OF THE LOAM CLASSIFICATIONS MAY PRESENT SPECIAL PLANTING PLANTING PROBLEMS NOT ANTICIPATED BY THIS DETAIL. 2" SHREDDED BARK MULCH GROUND COVER BEDS LOAMY SOILS ARE DEFINED AS GRANULAR OR BLOCKY FRIABLE SOILS. A MIXTURE OF SAND, SILT AND CLAY GROWING SEASON AFTER PLANTING PARTICLES WITH A MINIMUM OF 1.5% BY DRY WEIGHT ORGANIC MATTER. THE SOIL MUST NOT BE SO COMPACTED SUBGRADE (TYP.) COMPACTED AS TO IMPEDE ROOT GROWTH OR DRAINAGE. THE SOIL STRUCTURE SHALL NOT BE PLATY OR MASSIVE. THE SOIL MUST BE TESTED FOR TEXTURE, DRAINAGE CAPABILITY, PH. AND NUTRIENT VALUES PRIOR METTING AND DETERIORATION.

DELAY MIXING FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.

DAYLILIES AND PERENNIALS SHALL BE INSTALLED AT 24" O.C., UNLESS NOTED OTHERWISE. APPLY 2" OF

BARK MULCH, IN AREAS OF GROUND COVER AND PERENNIALS OR OWNER SELECTED ANNUALS. SEE "SOIL IMPROVEMENT DETAILS." TO DETERMINING PLANT SELECTIONS AND ANY ADDITIONAL SOIL IMPROVEMENTS PLANTING SOIL MIXTURE (TYP.) NO PLANT, EXCEPT GROUND COVERS, GRASSES, OR VINES, SHALL BE PLANTED LESS THAN TWO FEET FROM FOR TREES PLANTED IN NON-RESTRICTED SOIL CONDITIONS. NO MULCH WITHIN 3" OF TREE TRUNK THIS DETAIL ASSUMES THAT THE PLANTING SPACE IS LARGER THAN 2400 MM THIS DETAIL ASSUMES THAT THE AREA OF LOAMY SOIL AVAILABLE TO EACH TREE IS A MINIMUM OF (8 FT.) SQUARE, OPEN TO THE SKY, AND NOT COVERED BY ANY PAVING OR 45 SQ. M (500 SQ. FT) o TREES LOCATED IN A PLACE OF EXTREMELY WINDY CONDITIONS. STAKING ADVISABLE. SOIL IMPROVEMENT DETAIL SHRUB & GROUNDCOVER PLANTING DETAIL TREE PLANTING DETAIL Not to Scale Not to Scale Not to Scale TRADE PRACTICE IN PREPARING PLANTS FOR MOVING. WORKMANSHIP THAT FAILS TO MEET THE HIGHEST STANDARDS WILL BE REJECTED.
SPRAY DECIDUOUS PLANTS IN FOLIAGE WITH AN APPROVED ANTITRANSPIRANT IMMEDIATELY AFTER 18. A COMPLETE LIST OF PLANTS, INCLUDING A SCHEDULE OF SIZES, QUANTITIES, AND OTHER REQUIREMENTS IS SHOWN ON THE DRAWINGS. IN THE EVENT THAT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANT MATERIALS LIST, THE PLANTING PLANS SHALL GOVERN.

19. STOCK FURNISHED SHALL BE AT LEAST THE MINIMUM SIZE INDICATED ON THE DRAWINGS. LARGER STOCK IS CCEPTABLE, AT NO ADDITIONAL COST AND PROVIDING THE LARGER PLANTS WILL NOT BE CUT BACK TO THE SHOW VIGOROUS BARK ON ALL EDGES.
ANTITRANSPIRANT: PROVIDE PROTECTIVE FILM EMULSION PROVIDING A PROTECTIVE FILM OVER PLANT SURFACES; PERMEABLE TO PERMIT TRANSPIRATION. MIXED AND APPLIED IN ACCORDANCE WITH ALKALI, ORGANIC MATTER OR OTHER SUBSTANCES HARMFUL TO PLANTS.

CONTRACTOR TO PRUNE AND REPAIR PLANTS AS FOLLOWS:

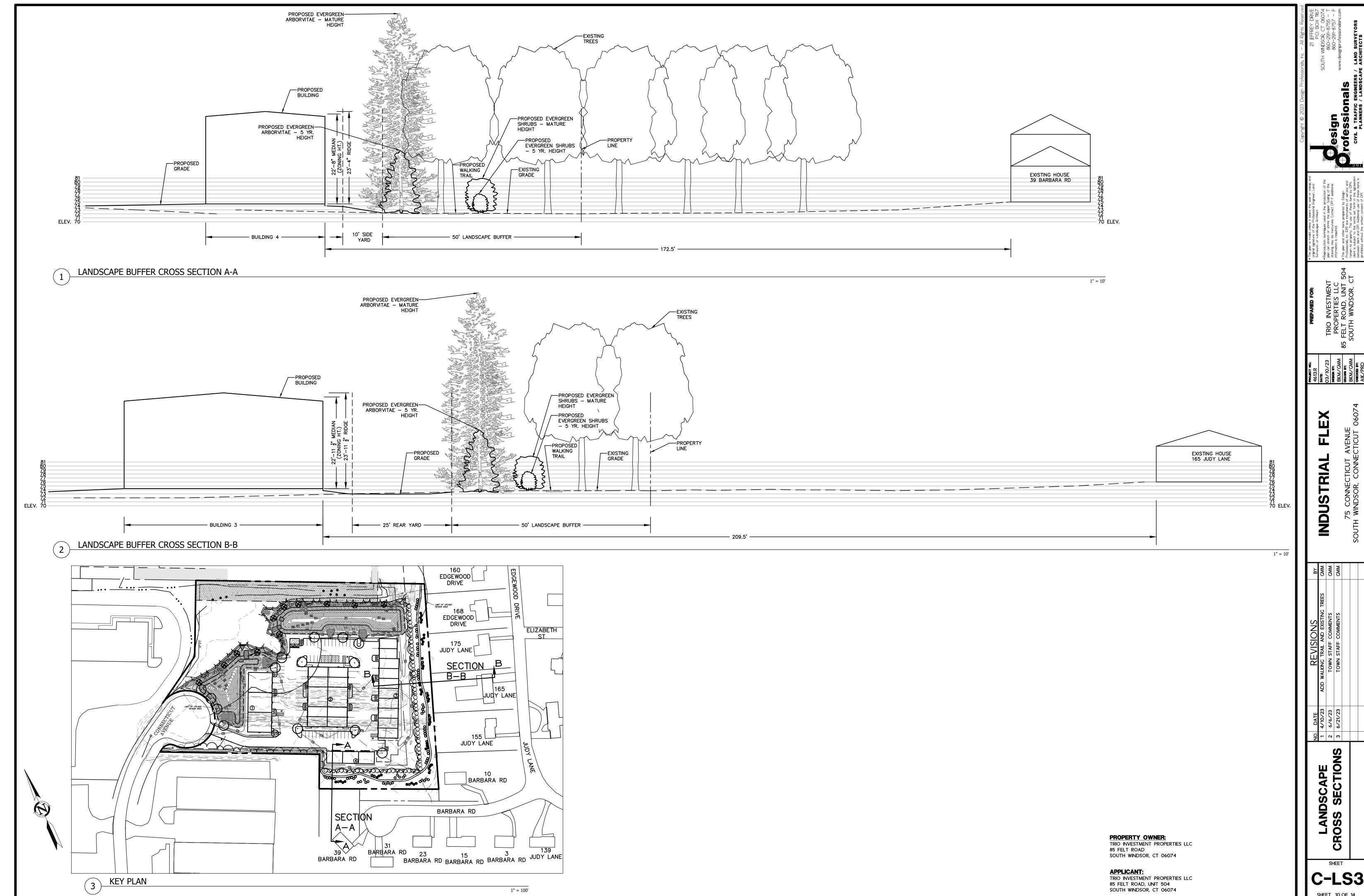
A. REMOVE OR CUT BACK, BROKEN, DAMAGED, AND UNSYMMETRICAL GROWTH OF NEW WOOD.

B. MULTIPLE LEADER PLANTS: PRESERVE THE CENTRAL LEADER WHICH WILL BEST PROMOTE THE SYMMETRY OF THE PLANT. CUT BRANCHES FLUSH AT THE BRANCH COLLAR WITH THE TRUNK OR MAIN BRANCH.

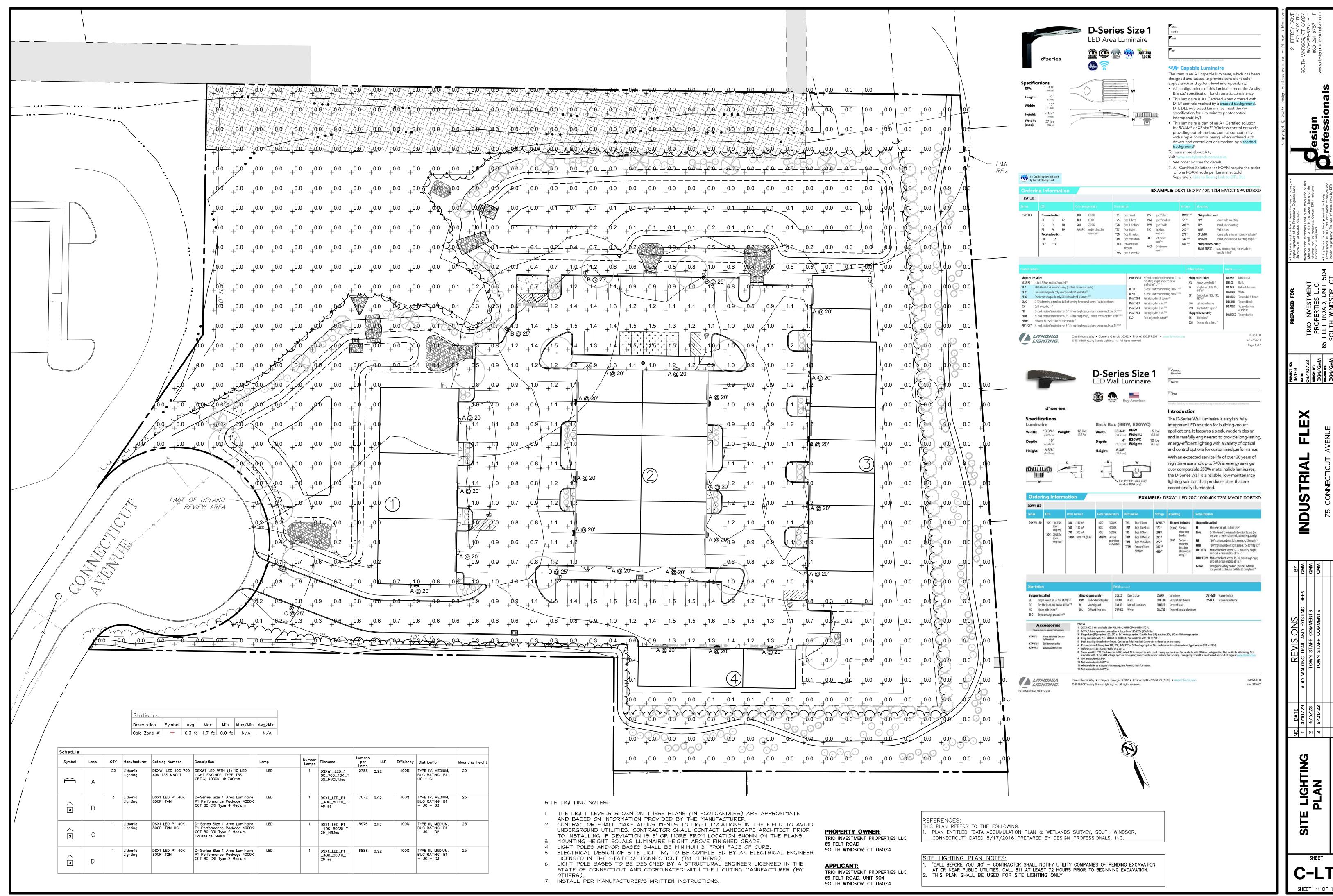
C. PRUNE NEEDLE-LEAF EVERGREEN TREES ONLY TO REMOVE BROKEN OR DAMAGED BRANCHES.

D. ALL TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7 FEET ABOVE FINISH GRADE. 26. MULCH TO BE APPLIED AS FOLLOWS: AREAS TO RECEIVE MULCH: ALL PLANT BEDS AND OTHER AREAS AS DESIGNATED ON DRAWINGS SHALL PLACEMENT: PLACE MULCH TO REQUIRED UNIFORM DEPTH SOON AFTER PLANTING TO PREVENT DRYING OF RESET SETTLED PLANTS TO PROPER GRADE AND POSITION. RESTORE PLANTING SAUCER AND ADJACENT POND BENCH PLANTING SCHEDULE CORRECT DEFECTIVE WORK AS SOON AS POSSIBLE AFTER DEFICIENCIES BECOME APPARENT AND WEATHER TERMS OF GUARANTY SHALL BE INSTALLED FOLLOWING PROCEDURES SET FORTH ABOVE. LANDSCAPE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR TO REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS FROM SITE PER CONSTRUCTION SITE IS TO BE IN A CLEAN, ORDERLY CONDITION AT ALL TIMES.
ALL REQUIRED PERMITS ARE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR SHALL PROVIDE FINE GRADING WORK FOR THE ENTIRE PROJECT. THIS WILL INCLUDE ALL AREAS TO BE GRASSED OR LANDSCAPED. GRADING MUST PROVIDE PROPER POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND NOT LEAVE ANY POCKETS WHERE STANDING WATER MAY COLLECT TOPSOIL SHALL NOT BE SPREAD UNDER FROZEN OR MUDDY CONDITIONS. REPRESENTATIVE PRIOR TO INSTALLATION. **SEEDING NOTES:** SEEDING MIXTURE TYPE I (LAWN AREAS): APPLICATION RATE: 4.50LBS. PER 1000 S.F. SEEDING MIXTURE TYPE II (BASIN SLOPES) RETENTION BASIN WILDLIFE MIX - ERNMX-127 BY Ernst Conservation Seeds, 9006 Mercer Pike, Meadville, PA 16335 (800) 873-3321 APPLICATION RATE: 0.50 LBS PER 1,000 S.F., 20 LBS PER ACRE

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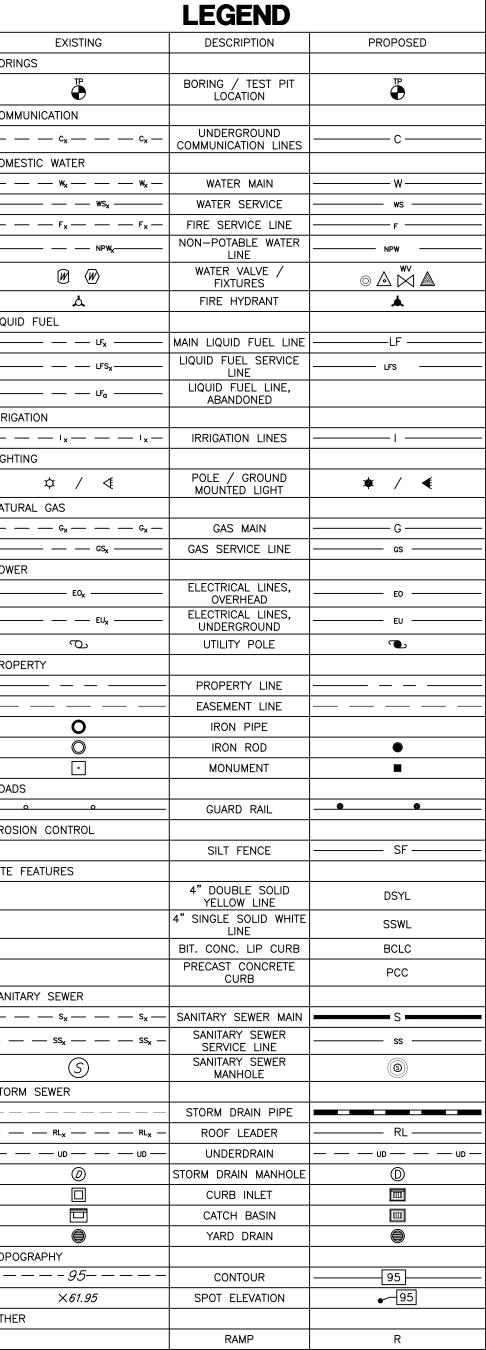
- 2. It is the contractor's responsibility to review all construction contract documents associated with the project scope of work, including, but not limited to, all drawings and specifications, architectural plans, boundary and topographic survey, wetlands assessment and reports, geotechnical reports, 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 Health and Safety (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
- 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 parol 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
- 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
- 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. 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.
- 19. 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.

- 20. 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.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. 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
- 26. The contractor is responsible for repairing all damage to any existing utilities during construction, at its own expense
- 27. 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.
- 28. 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.
- 29. All materials and work shall conform to the state Department of Transportation standard specifications (latest edition, and any amendments or revisions thereto), unless otherwise specified in these plans.
- 30. 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.
- 31. 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.
- 32. The tops of existing manholes, inlet structures, and sanitary cleanout tops must be adjusted as necessary, to match proposed grades.
- 33. 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 footing/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.
- 34. 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.
  - RCP Class V pipe shall be used in paved areas with less than 1 ft. of cover or in locations noted on the plans.
  - 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.
- 35. 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.
- 36. 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.
- 37. 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.

- 38. Contractor's price for water service must include all fees, costs and appurtenances required by the utility to provide full and complete working
- 39. 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 (DIP) 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.
- 40. 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
- 41. Where sump pumps are installed, all discharges must be connected to the storm sewer or discharged to an approved location.
- 42. 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 façade 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.
- 43. 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.
- 44. All temporary and permanent onsite and offsite signage and pavement markings shall conform to MUTCD, ADA, state DOT, and/or local approval
- 45. 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 orthe authority having jurisdiction.
- 46. 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
- 47. 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.
- 48. All dimensions are to face of curb, edge of pavement, or edge of building, unless noted otherwise.
- 49. 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.
- 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%)
- 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 re—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.

PROPERTY OWNER: TRIO INVESTMENT PROPERTIES LLC 85 FELT ROAD SOUTH WINDSOR, CT 06074

APPLICANT: TRIO INVESTMENT PROPERTIES LLC 85 FELT ROAD, UNIT 504 SOUTH WINDSOR, CT 06074



BORINGS COMMUNICATION - - -  $c_x$  - - -  $c_x$  -DOMESTIC WATER LIQUID FUEL IRRIGATION \_ \_ \_ <sub>|x</sub>\_ \_ \_ <sub>|x</sub>\_ | LIGHTING NATURAL GAS

POWER ROADS FROSION CONTROL SITE FEATURES SANITARY SEWER STORM SEWER TOPOGRAPHY OTHER LANDSCAPE AREA LSA SEE 'ACCESSIBLE PARKING SIGN POST' & 'ACCESSIBLE PARKING 

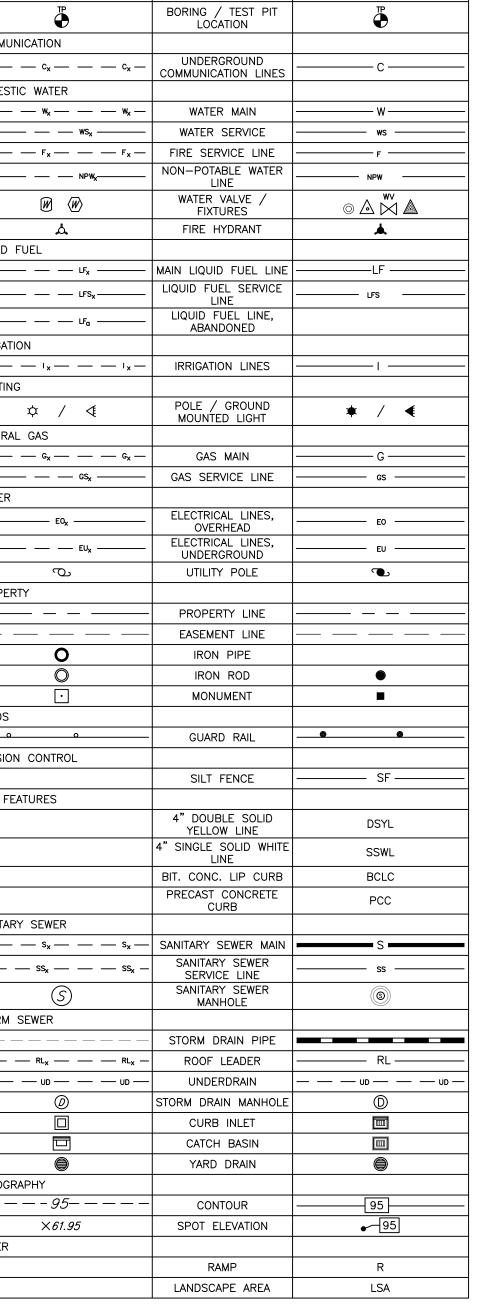
SEE 'ACCESSIBLE PARKING SYMBOL'

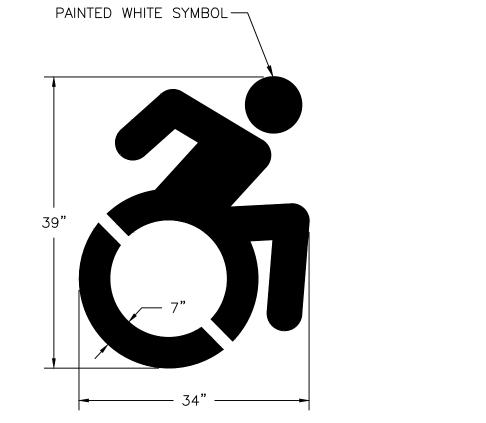
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1. ACCESSIBLE PARKING SPACES AND ADA PASSENGER LOADING

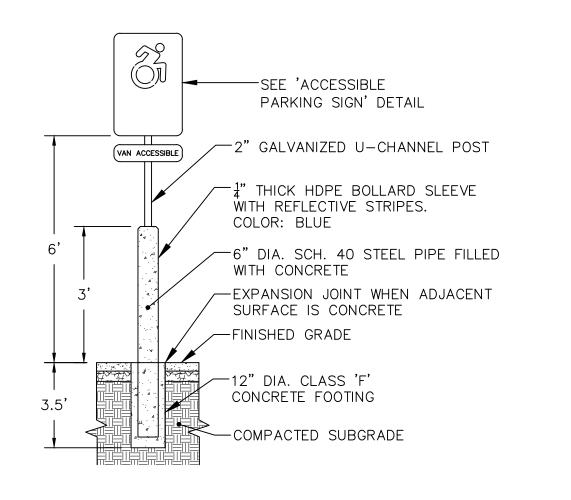
(2%) IN ALL DIRECTIONS.

AREAS SHALL BE GRADED WITH A MAXIMUM SLOPE OF 1:50

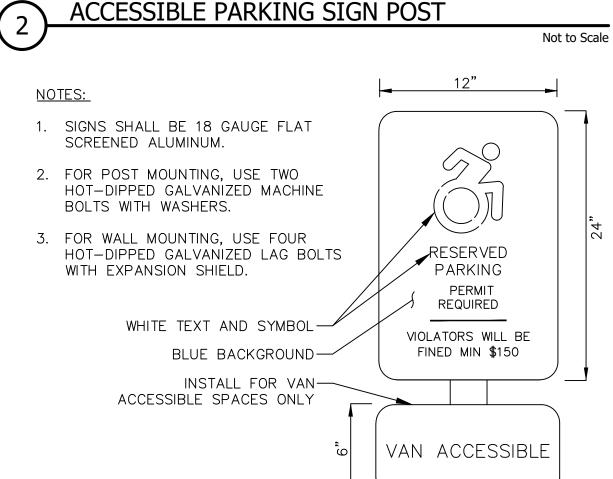




ACCESSIBLE PARKING SYMBOL



Not to Scale



ACCESSIBLE PARKING SIGN

SEE 'ACCESSIBLE PARKING SIGN POST' & 'ACCESSIBLE PARKING WHITE PAINTED LINES, TYP. SEE 'ACCESSIBLE PARKING SYMBOL' DETAIL

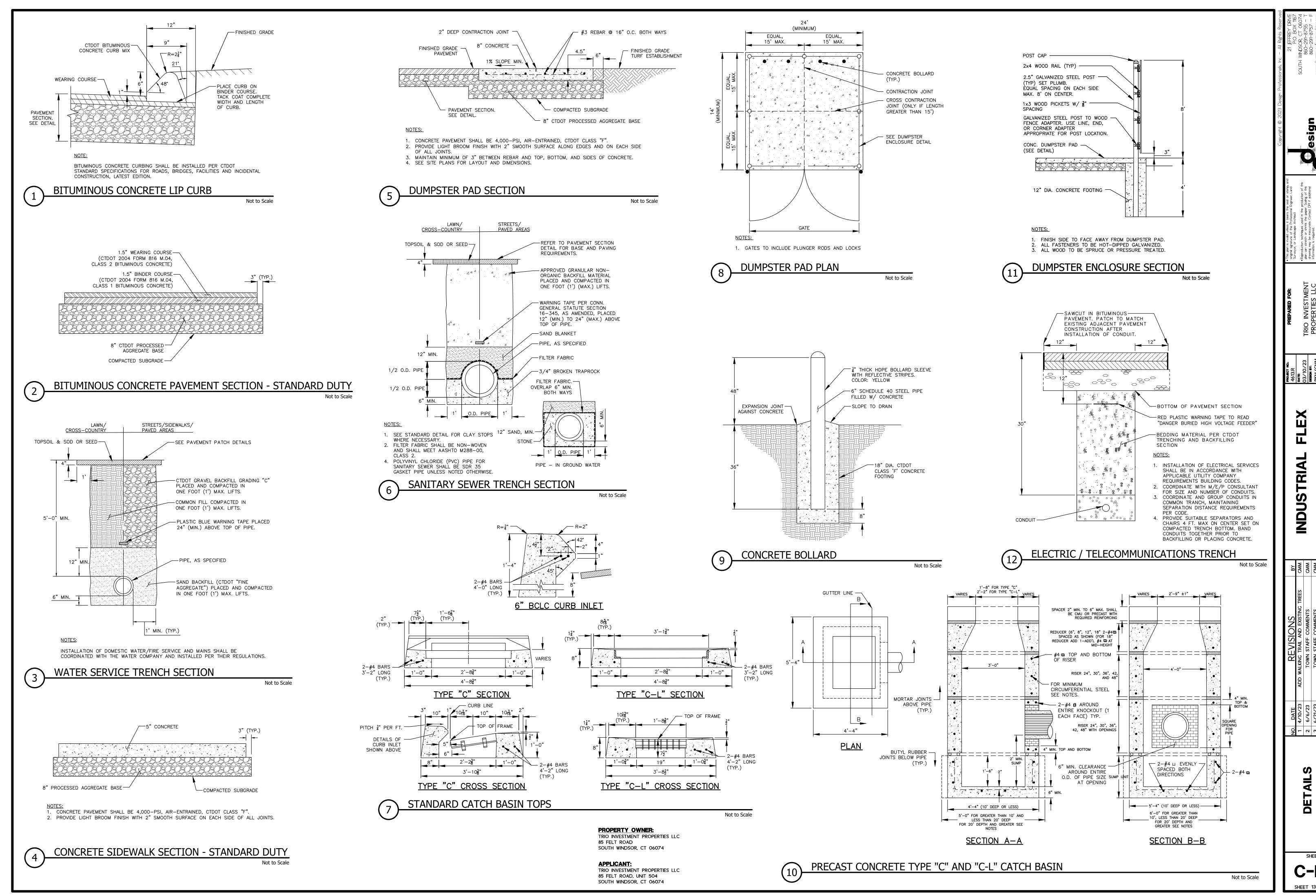
1. ACCESSIBLE PARKING SPACES AND ADA PASSENGER LOADING AREAS SHALL BE GRADED WITH A MAXIMUM SLOPE OF 1:50

(2%) IN ALL DIRECTIONS.

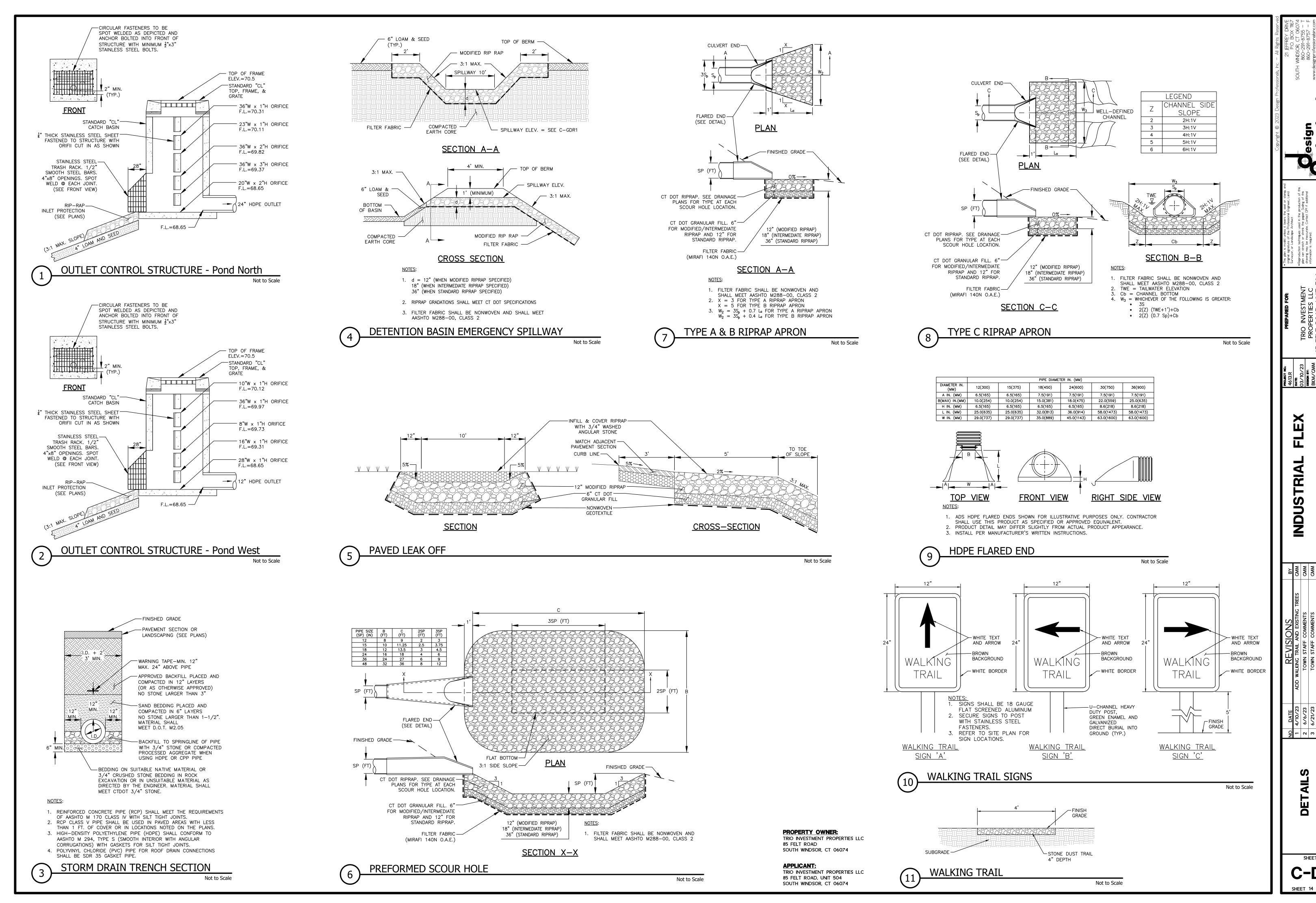
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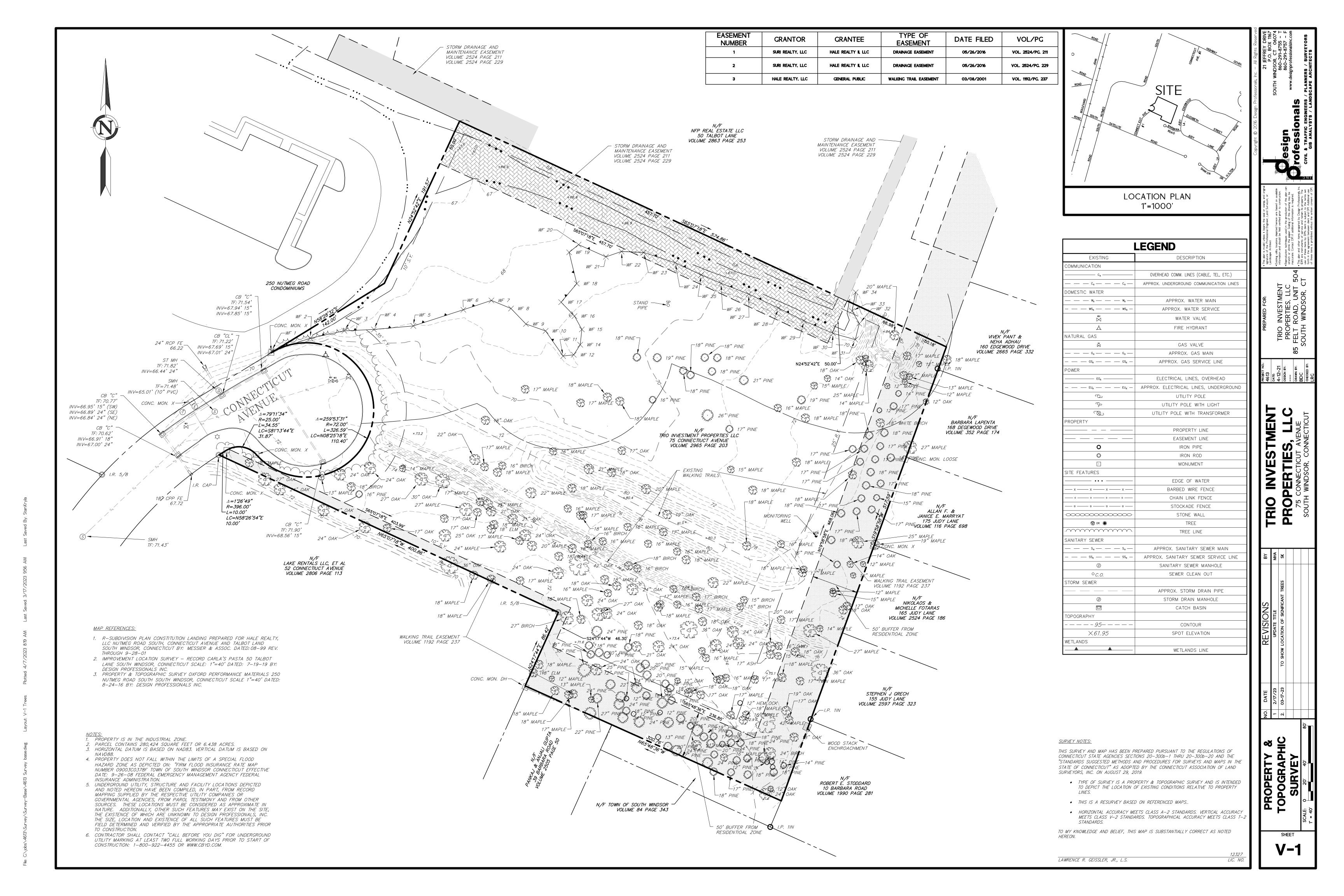
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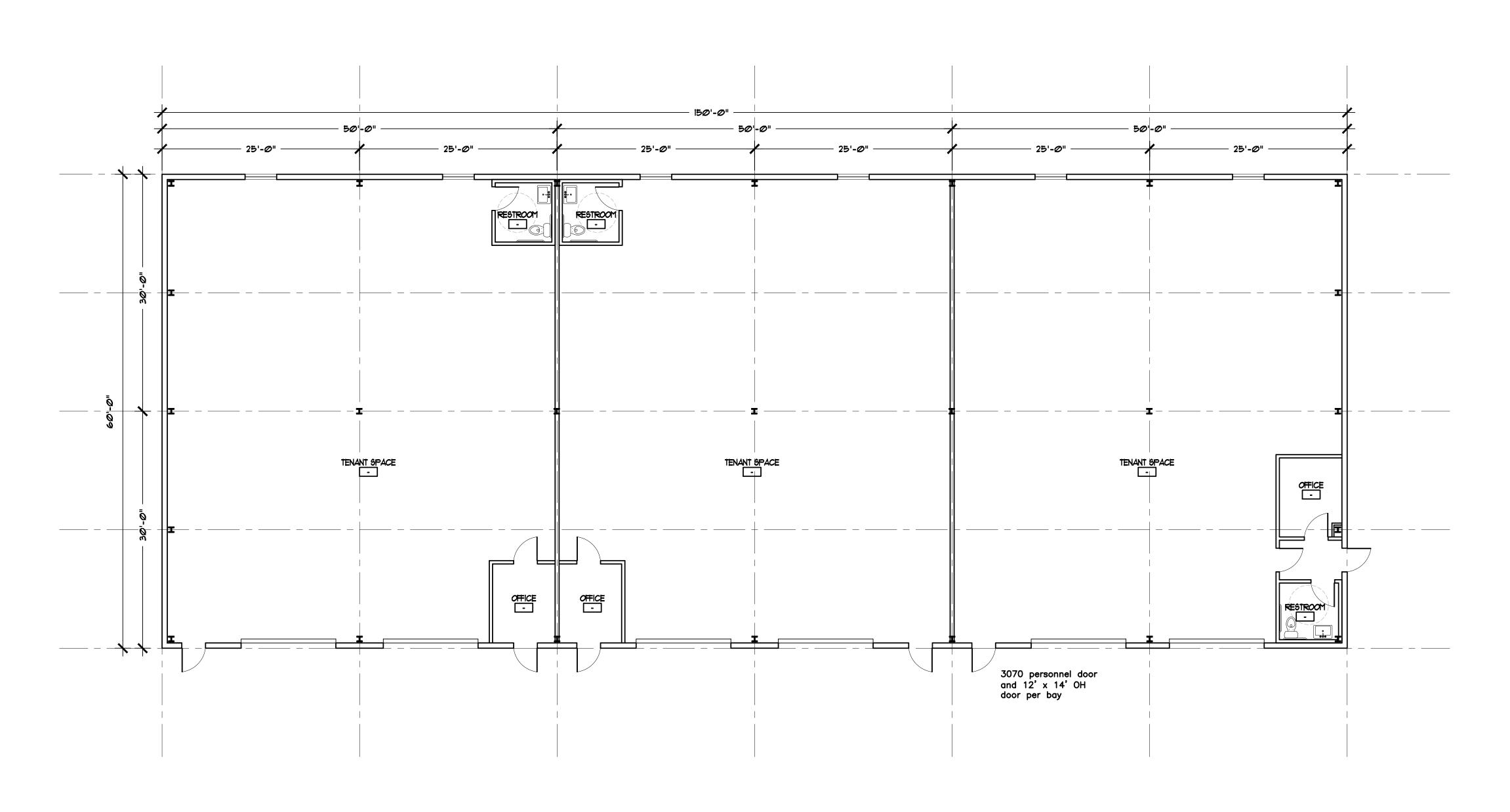
-4" WHITE PAINTED LINES, TYP.



C-D2 SHEET 13 OF 14



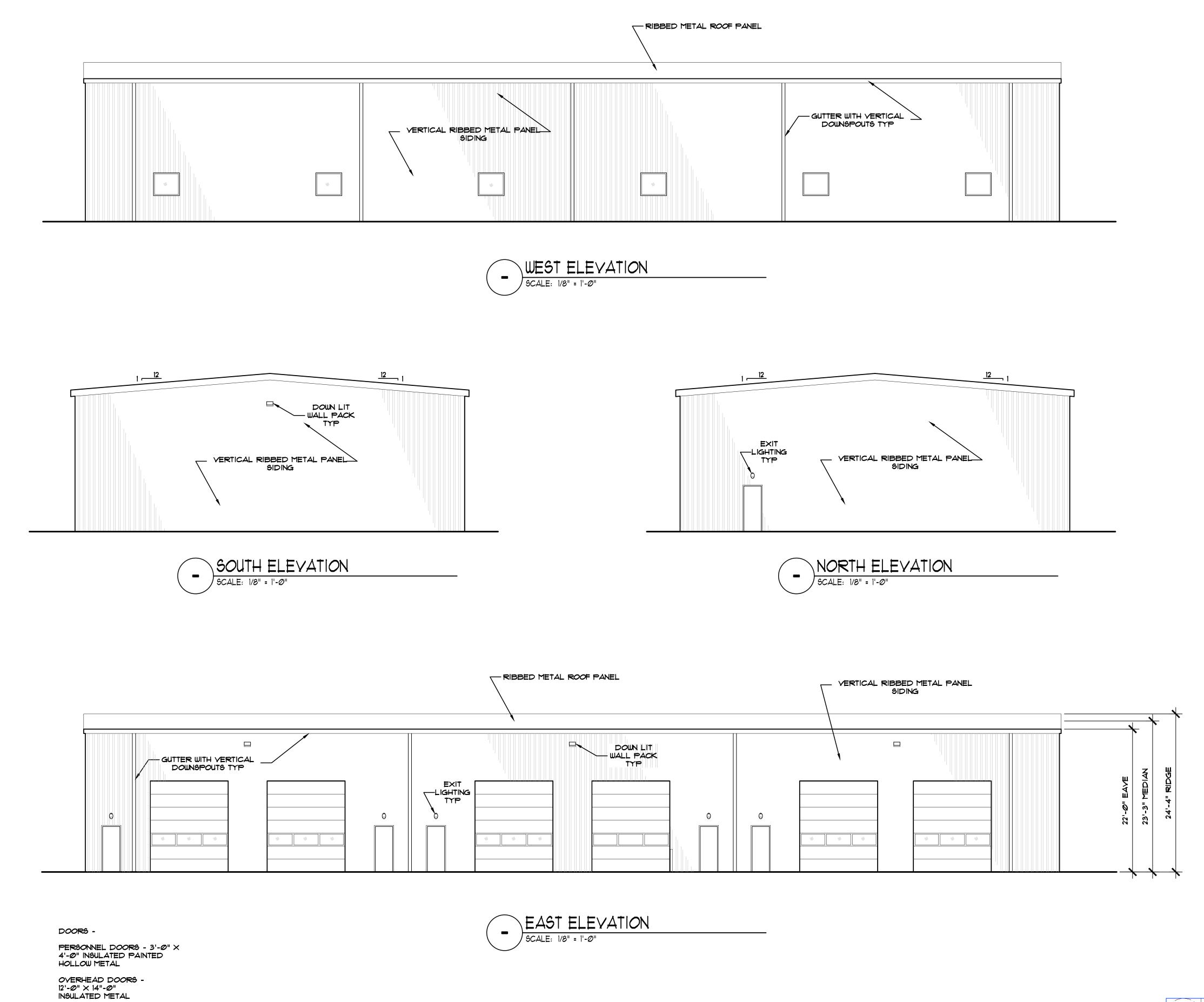






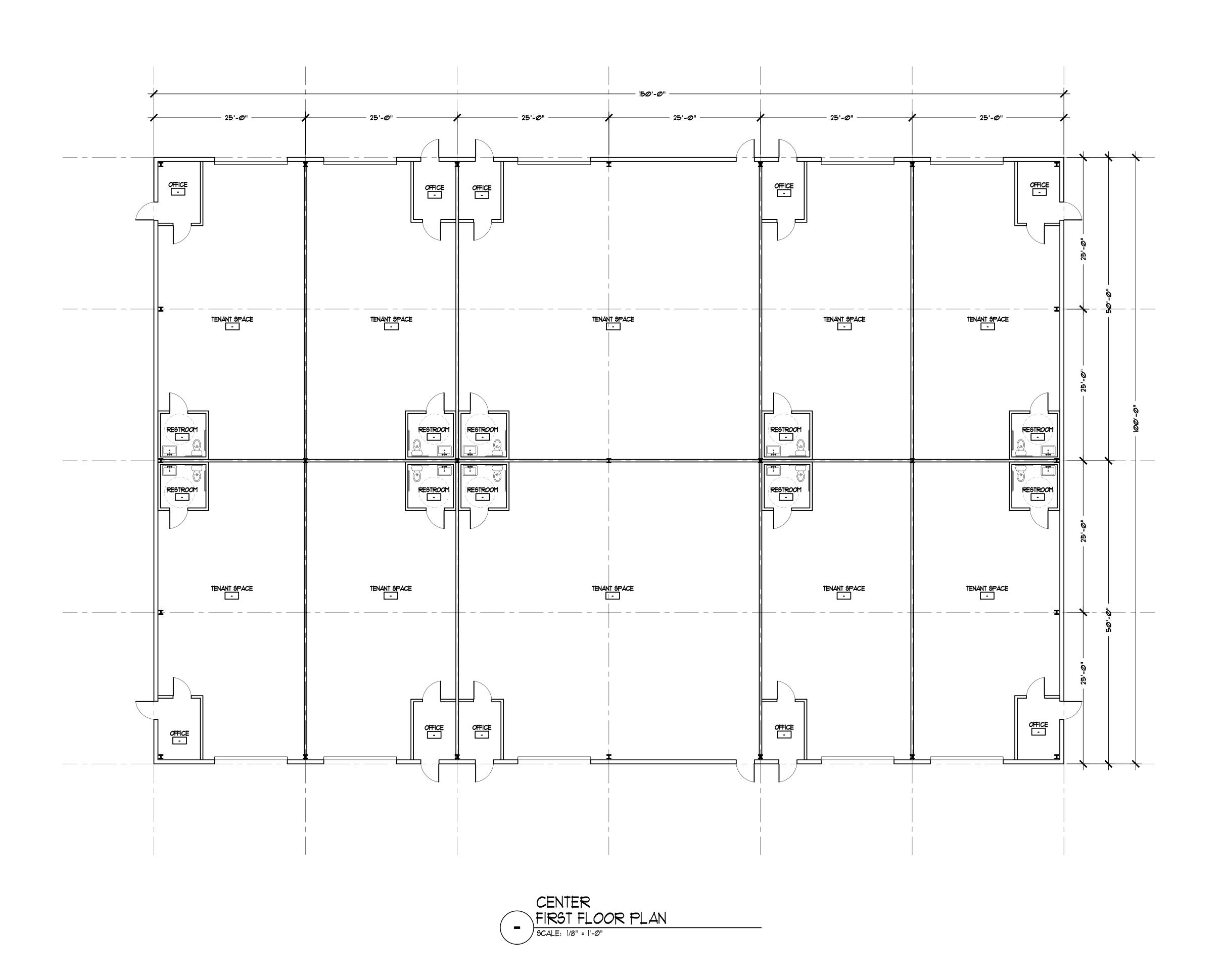




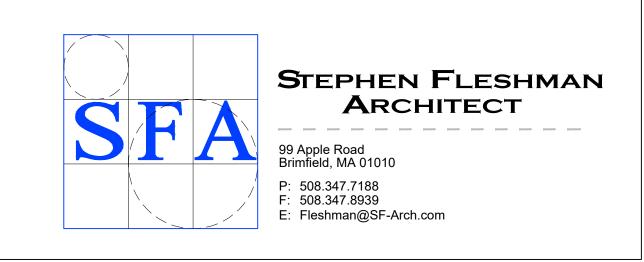


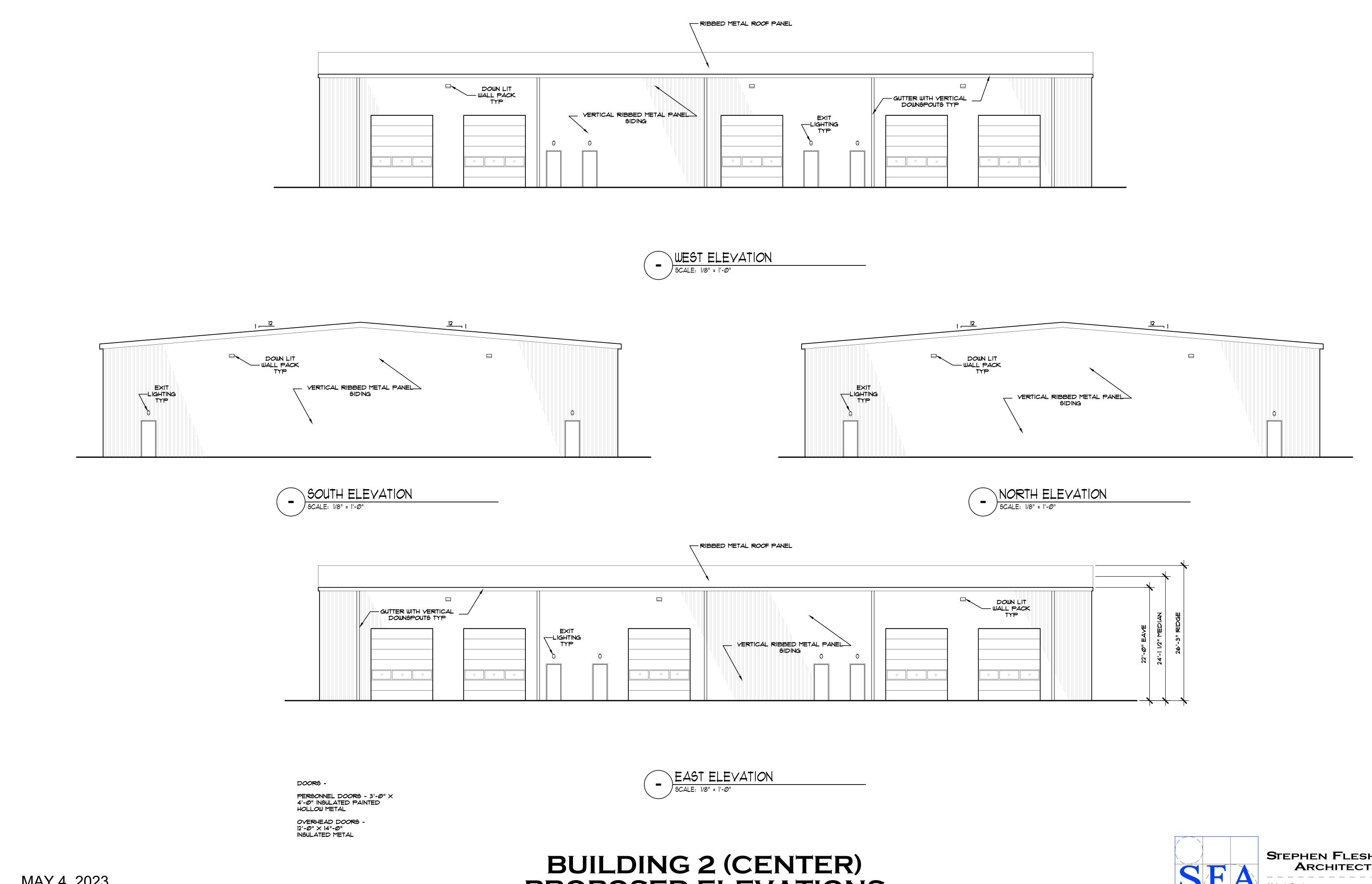
MAY 4, 2023 SCALE: 1/8"=1'-0" BUILDING 1 (WEST) PROPOSED ELEVATIONS





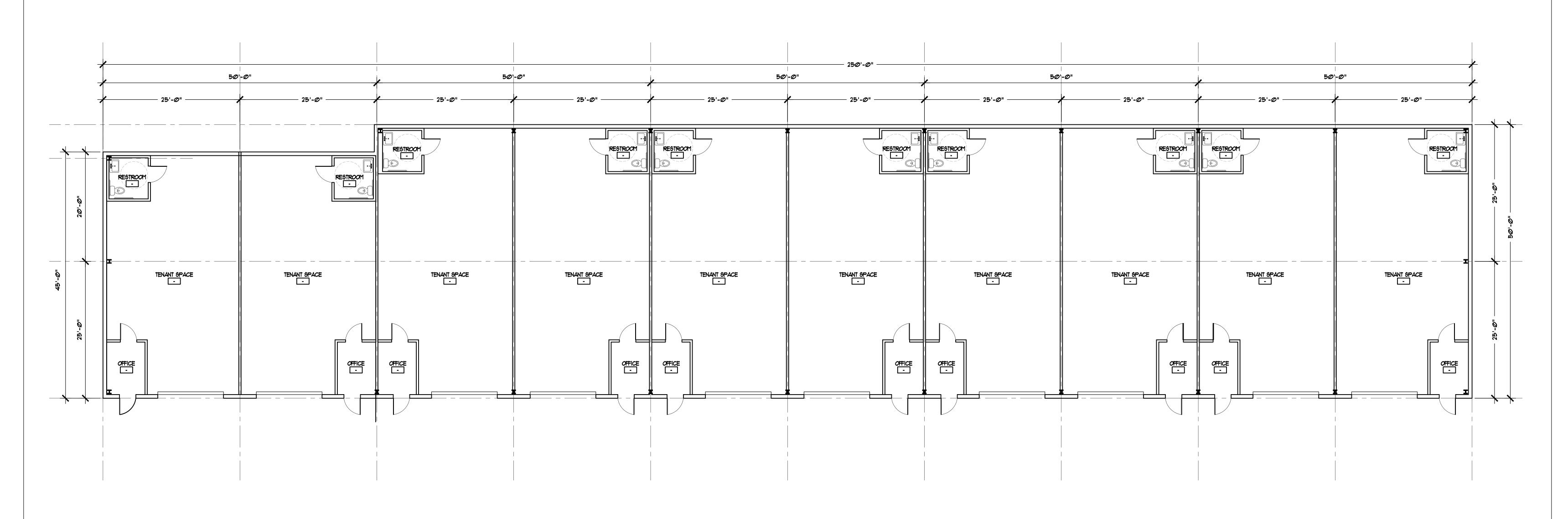
BUILDING 2 (CENTER) PROPOSED FLOOR PLAN





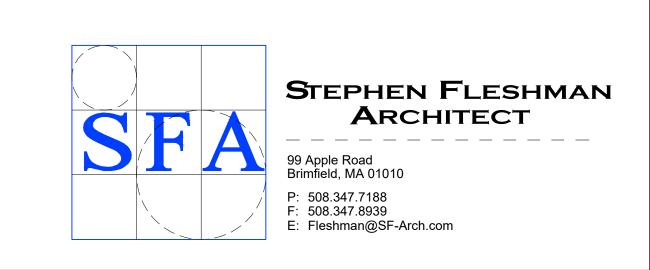
MAY 4, 2023 SCALE: 1/8"=1'-0" PROPOSED ELEVATIONS

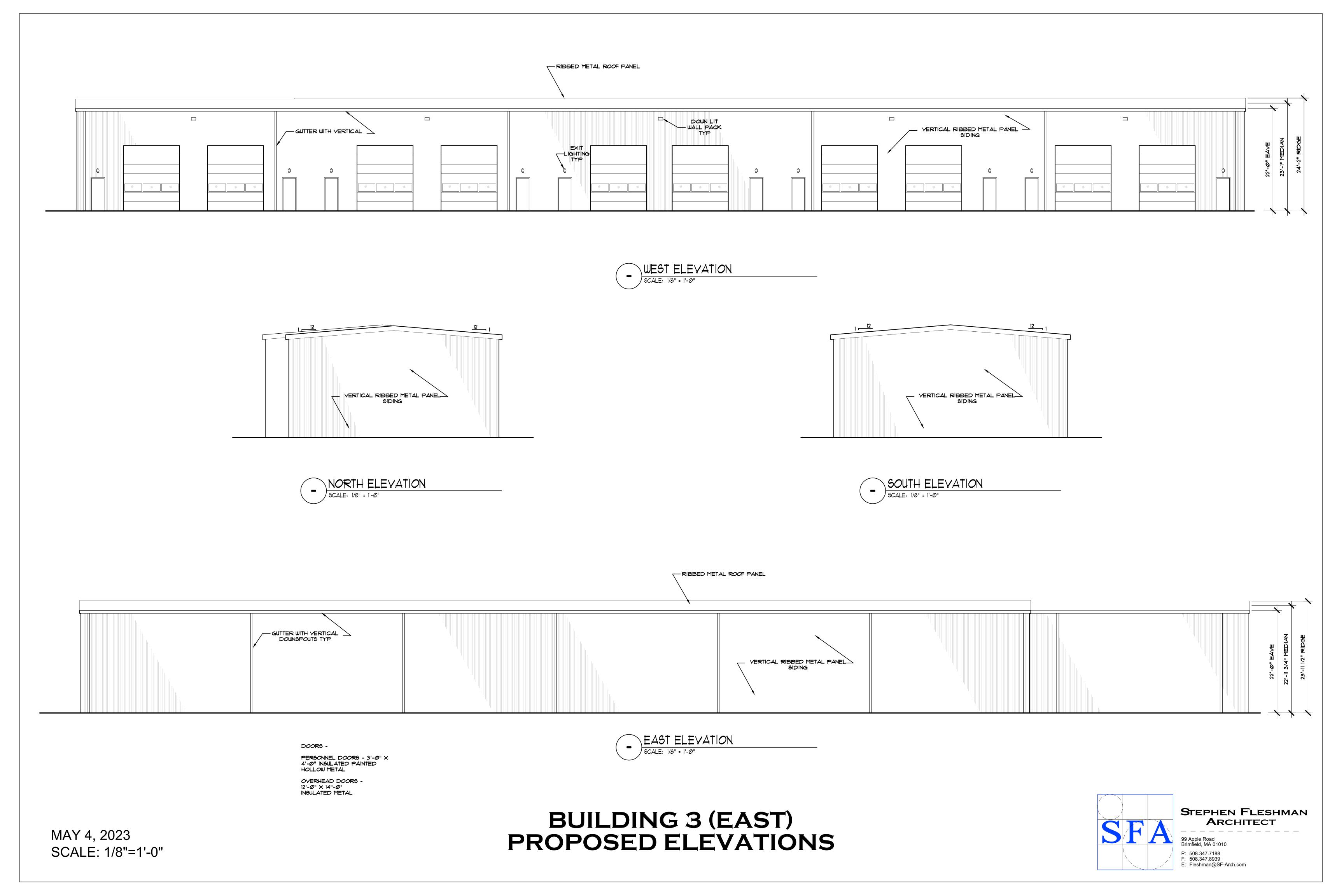


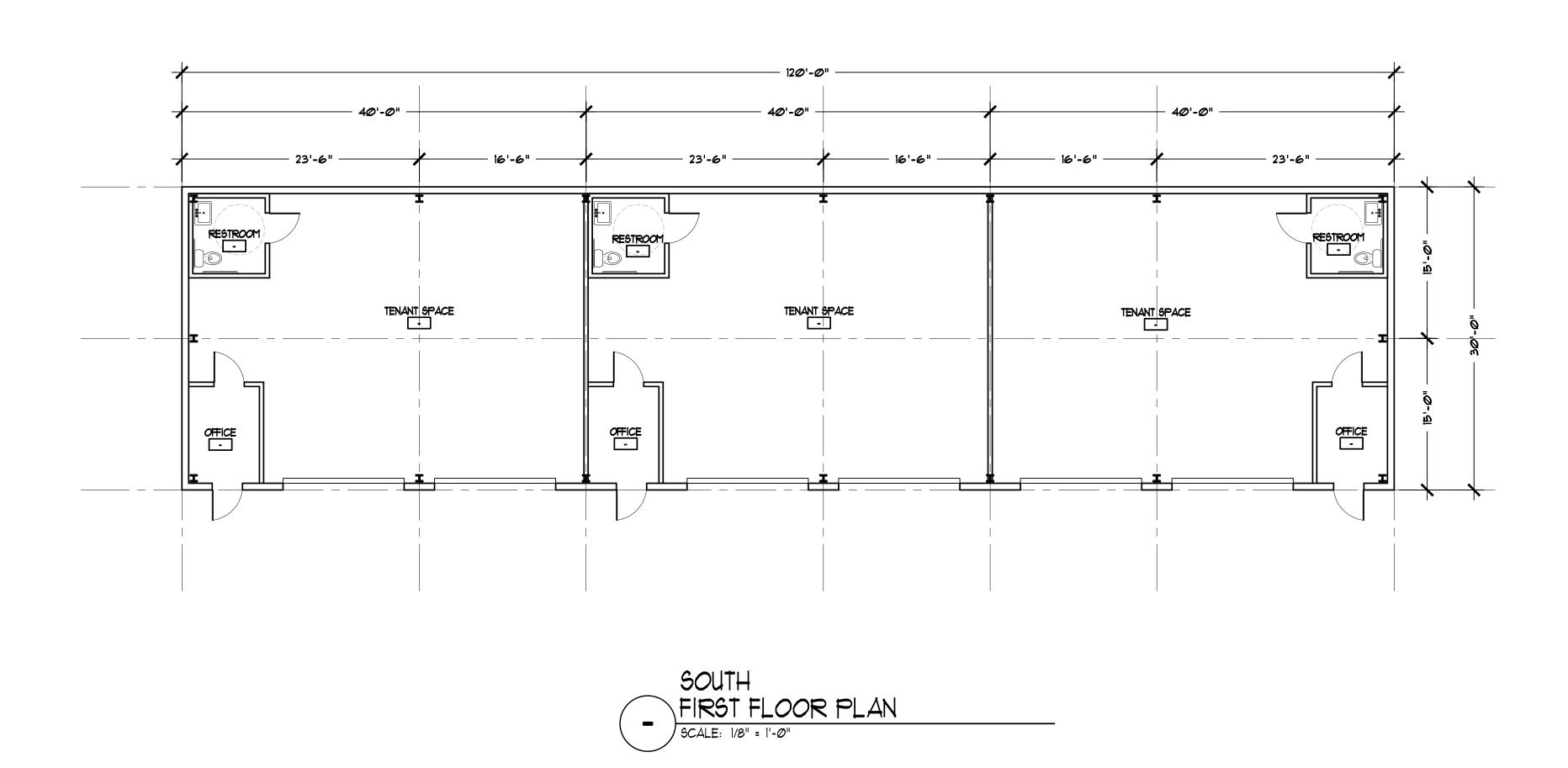




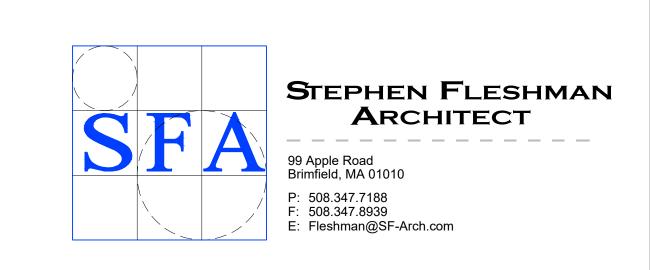
BUILDING 3 (EAST) PROPOSED FLOOR PLAN

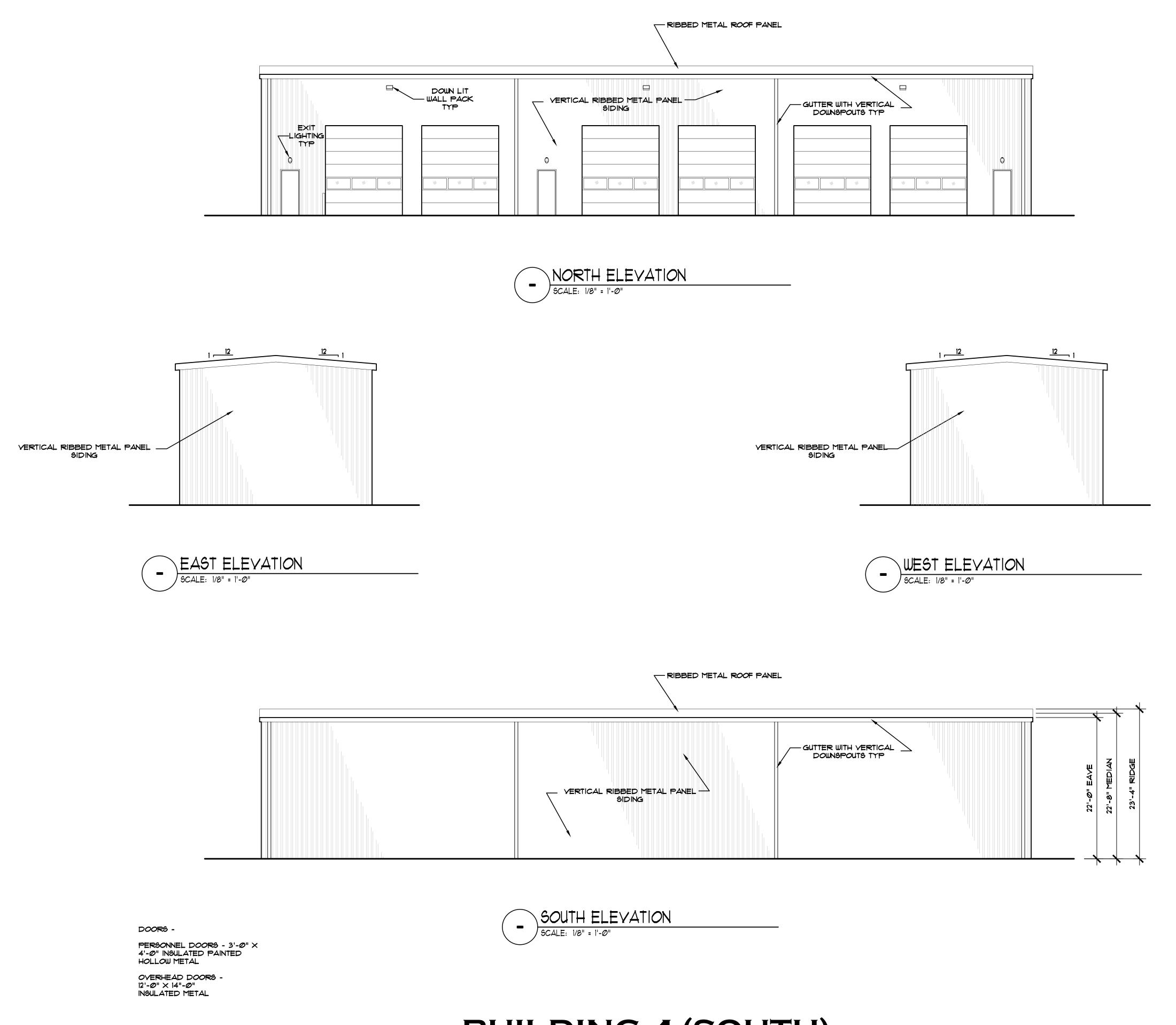












BUILDING 4 (SOUTH)
PROPOSED ELEVATIONS

