

# PRIME MATERIALS RECOVERY

## SITE PLAN MODIFICATION

410 GOVERNOR'S HIGHWAY & 444 NUTMEG ROAD ~ SOUTH WINDSOR ~ CT

GIS #36900410 & 65100444

### N/F 500' ABUTTERS

STREET ADDRESS	OWNER	PARCEL ID
30 TALBOT LANE	MCCARTHY TALBOT REALTY LLC	88900030
596 GOVERNORS HIGHWAY	BUTLER DERRICK J & CARINA L	36900596
519 NUTMEG ROAD	ELECTRO-METHODS INC	65100519
441 GOVERNORS HIGHWAY	ELECTRO-METHODS INC	36900441
431 GOVERNORS HIGHWAY	ELECTRO-METHODS INC	36900431
300 GOVERNORS HIGHWAY	ELECTRON TECHNOLOGIES CORPORATIO	36900300
551 GOVERNORS HIGHWAY	UW VINTAGE LANE II LLC	36900551
359 GOVERNORS HIGHWAY	HAGELIN ASSOCIATES LLC	36900359
330 NUTMEG ROAD	NUTMEG ROAD ASSOCIATES LLC	65100330
400 GOVERNORS HIGHWAY	MARCO ENTERPRISE MANAGEMENT LLP	36900400
345 NUTMEG ROAD	NUTMEG PROPERTIES OF CT LLC	65100345
584 GOVERNORS HIGHWAY	RONDINONE STEVEN	36900584
301 GOVERNORS HIGHWAY	MACYS LOGISTICS LLC	36900301
560 NUTMEG ROAD	560 NUTMEG ROAD NORTH LLC	65100560
540 NUTMEG ROAD	MR SOUTH WINDSOR PROPERTIES LLC	65100540
550 GOVERNORS HIGHWAY	RULNICK MARTIN	36900550
455 GOVERNORS HIGHWAY	RYAN KATHLEEN T	36900455
330 GOVERNORS HIGHWAY	ELECTRO-METHODS INC	36900330
576 GOVERNORS HIGHWAY	JE SHEPARD COMPANY	36900576
528 NUTMEG ROAD	JE SHEPARD COMPANY	65100528
550 FOSTER ROAD	JE SHEPARD COMPANY	33300550
381 GOVERNORS HIGHWAY	RSS REAL ESTATE LLC	36900381
401 GOVERNORS HIGHWAY	RSS REAL ESTATE LLC	36900401
560 GOVERNORS HIGHWAY	SNUCK ANTHONY G L/U	36900560
555 NUTMEG ROAD	555 NUTMEG RD NO REALTY LLC	65100555
570 GOVERNORS HIGHWAY	JONES WILLIAM &	36900570
475 GOVERNORS HIGHWAY	UW VINTAGE LANE II LLC	36900475
20 BAKER LANE	TEMPLE BETH HILLEL	7100020
5 TALBOT LANE	UW VINTAGE LANE II LLC	88900005
25 TALBOT LANE	UW VINTAGE LANE II LLC	88900025
470 GOVERNORS HIGHWAY	RYCONN PROPERTIES LLC	36900470
L0031 NUTMEG ROAD	MACY'S RETAIL HOLDINGS LLC	6510L0031

### ZONING TABLE

ZONE: I ZONE (INDUSTRIAL)				
ITEM	REQUIRED/ ALLOWED	EXISTING (444 NUTMEG)	EXISTING (410 GOVERNOR'S HIGHWAY)	PROPOSED (COMBINED)
LOT AREA	30,000 SF	1,550,691 SF	33,341 SF	1,584,032 SF
LOT FRONTAGE	100'	558.2'	145'	558.2'
LOT DEPTH	150'	768'	230'	768'
FRONT YARD	35'	114.3'	--	88.17'
SIDE YARD	10'	77.4'	--	77.4'
REAR YARD	25'	N/A	--	N/A
BUILDING HEIGHT	40' / 2 STORIES	< 40'	--	< 40'
LOT COVERAGE	50%	2.7%	0.0%	4.8%
IMPERVIOUS COVERAGE	65%	20.7%	0.0%	23.2%

#### PARKING CALCULATION:

PARKING REQUIRED:  
PROPOSED MANUFACTURING/INDUSTRIAL SPACE: 1 SPACE PER 700 GFA REQUIRED  
PROPOSED ENCLOSED BUILDING GFA AND GARAGE = 29,900 SF  
29,900/700 = 42.7 SPACES REQUIRED  
PROPOSED OFFICE SPACE: 165 SF  
4.5 SPACES REQUIRED PER 1,000 SF OF GFA  
4.5 REQUIRED  
42.7 + 4.5 = 47.2 TOTAL SPACES REQUIRED  
17 SPACES PROPOSED PLUS 31 RESERVE SPACES  
TOTAL PARKING SPACES PROVIDED = 48

10% OF PROPOSED SPACES MUST BE LEVEL 2 EV READY  
48 PROPOSED SPACES X .10 = 4.8  
5 LEVEL 2 EV READY SPACES ARE REQUIRED, AND ARE PROVIDED.  
3% OF PROPOSED SPACES MUST BE LEVEL 2 EV INSTALLED SPACES  
48 PROPOSED SPACES X .03 = 1.44 LEVEL 2 EV INSTALLED SPACES REQUIRED, 2 PROVIDED.  
ALSO, OF THE 2 LEVEL 2 EV INSTALLED SPACES, 1 IS RESTRICTED VAN ACCESSIBLE.

### PRELIMINARY NOT FOR CONSTRUCTION

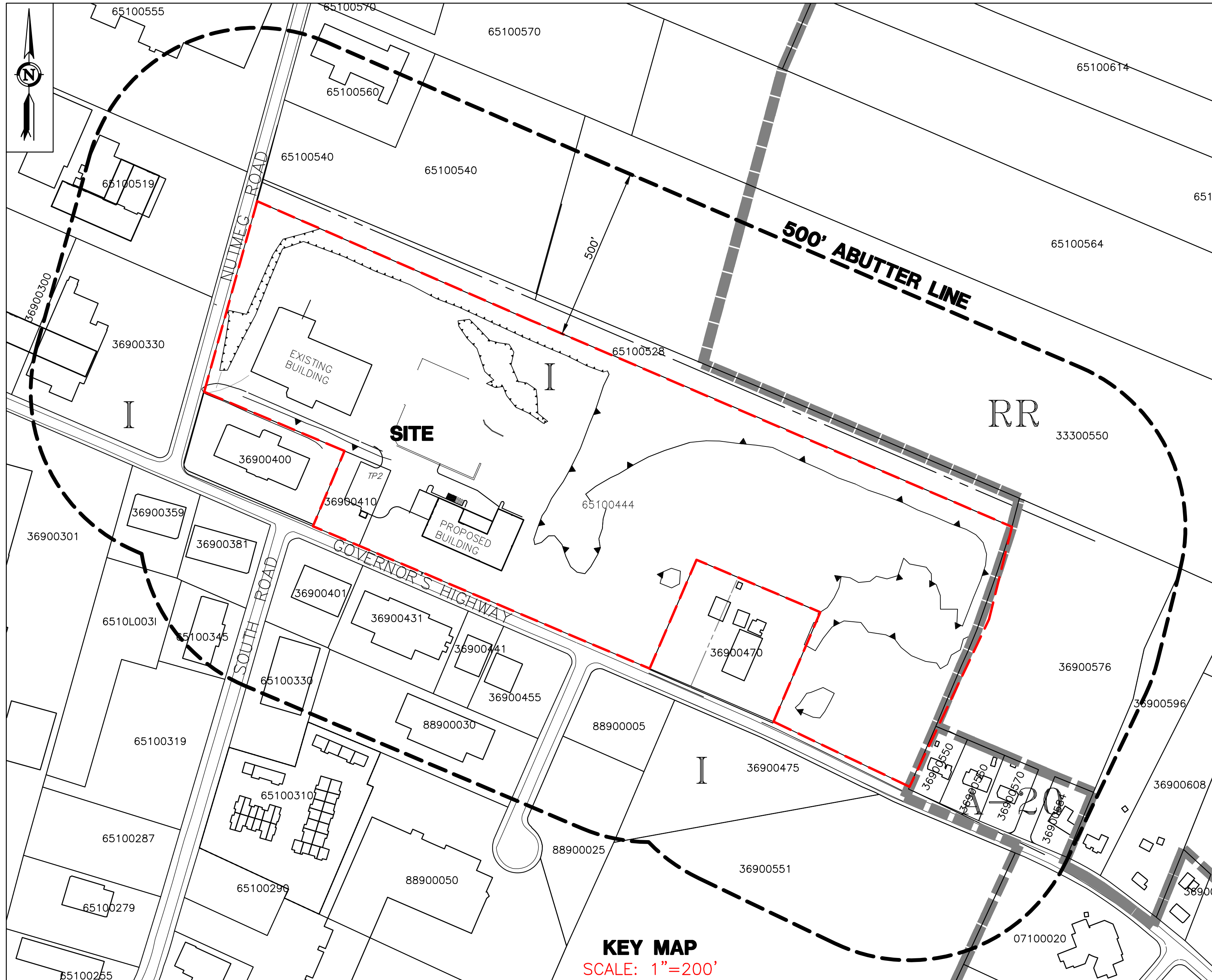
THESE PLANS ARE FOR PLANNING PURPOSES ONLY INTENDED TO SECURE REGULATORY APPROVALS. ONLY FINAL PLANS STAMPED APPROVED BY THE TOWN SHALL BE USED FOR CONSTRUCTION PURPOSES.

#### 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.

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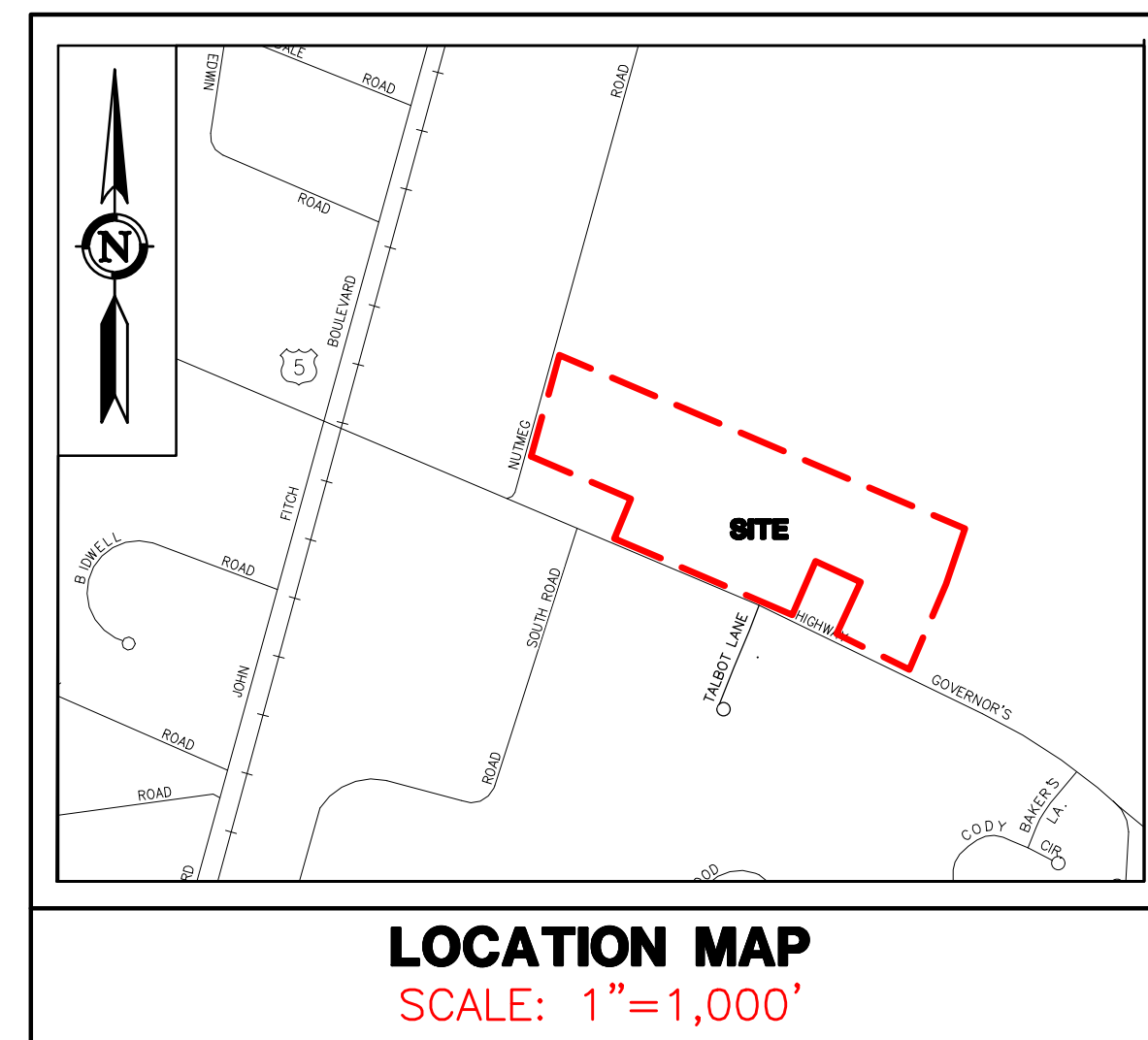
Phone: 860-291-8755  
Fax: 860-291-8757  
www.designprofessionalsinc.com

#### ARCHITECT:

FLB Architecture & Planning, Inc.  
19 Silver Lane  
East Hartford, CT 06118  
860-568-4030  
www.flbarch.com

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LOCATION MAP  
SCALE: 1"=1,000'

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PREPARED FOR  
Prime Materials Recovery  
444 Nutmeg Road  
South Windsor, CT 06074  
860-622-7626 T

PROJECT NO.  
2509P  
DATE  
10/03/22  
SCALE  
SFC  
DRAWN BY  
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SFC

**PRIME MATERIALS  
RECOVERY**  
410 GOVERNOR'S HIGHWAY & 444 NUTMEG ROAD  
SOUTH WINDSOR, CT  
GIS #36900410 & 65100444

NO.  
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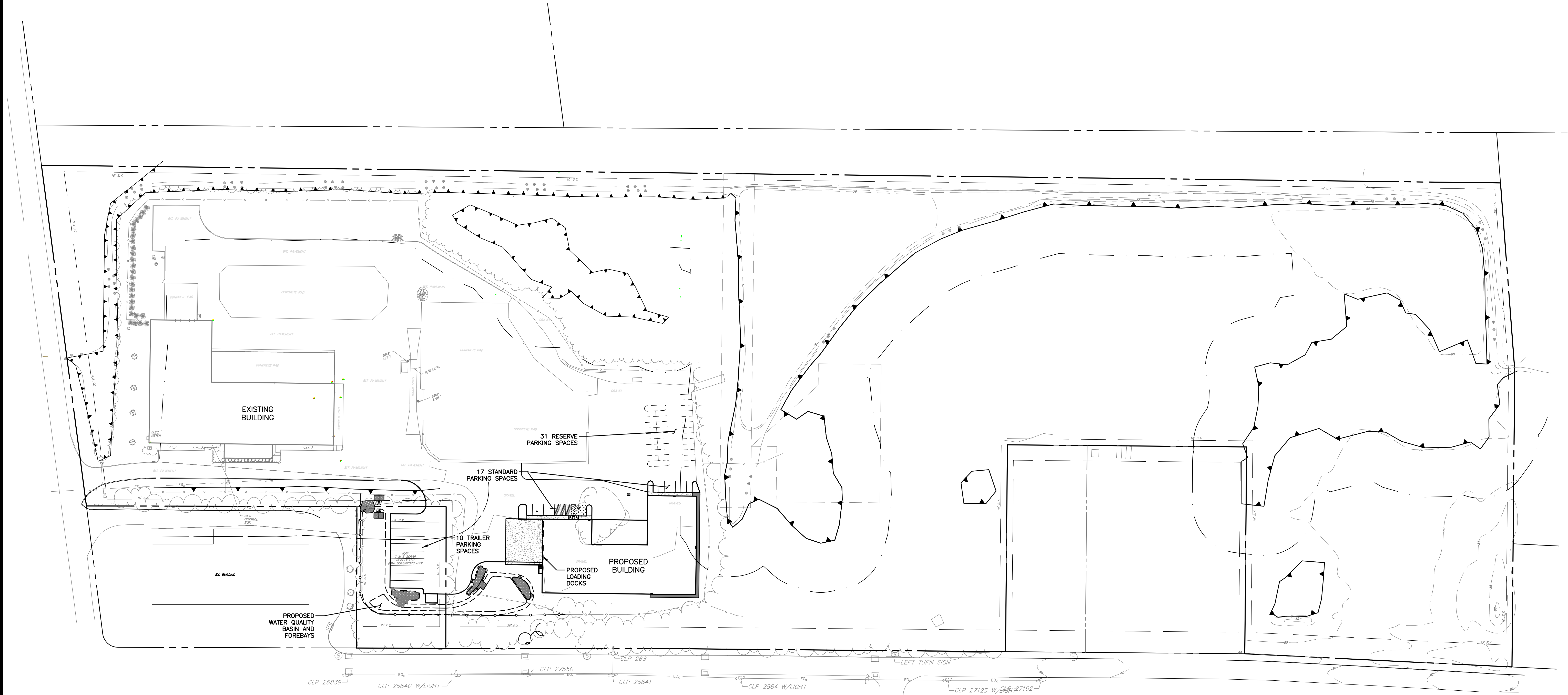
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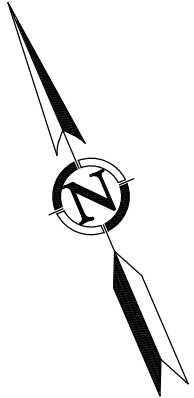
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**C-T1**  
SHEET 1 OF 14





REFERENCES:  
THIS PLAN REFERS TO THE FOLLOWING:  
1. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC PLAN, PRIME MATERIALS RECOVERY, 410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD NORTH, SOUTH WINDSOR, CONNECTICUT" DATED 9/26/2022 PREPARED BY DESIGN PROFESSIONALS, INC.

- SITE LAYOUT PLAN NOTES:
1. "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.
  2. THIS PLAN SHALL BE USED FOR SITE LAYOUT ONLY.
  3. REFER TO NOTES SHEET FOR SITE LAYOUT NOTES



**PROPERTY OWNERS:**  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

**APPLICANT:**  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626

OVERALL SITE PLAN

SHEET 2 OF 14

C-OS1

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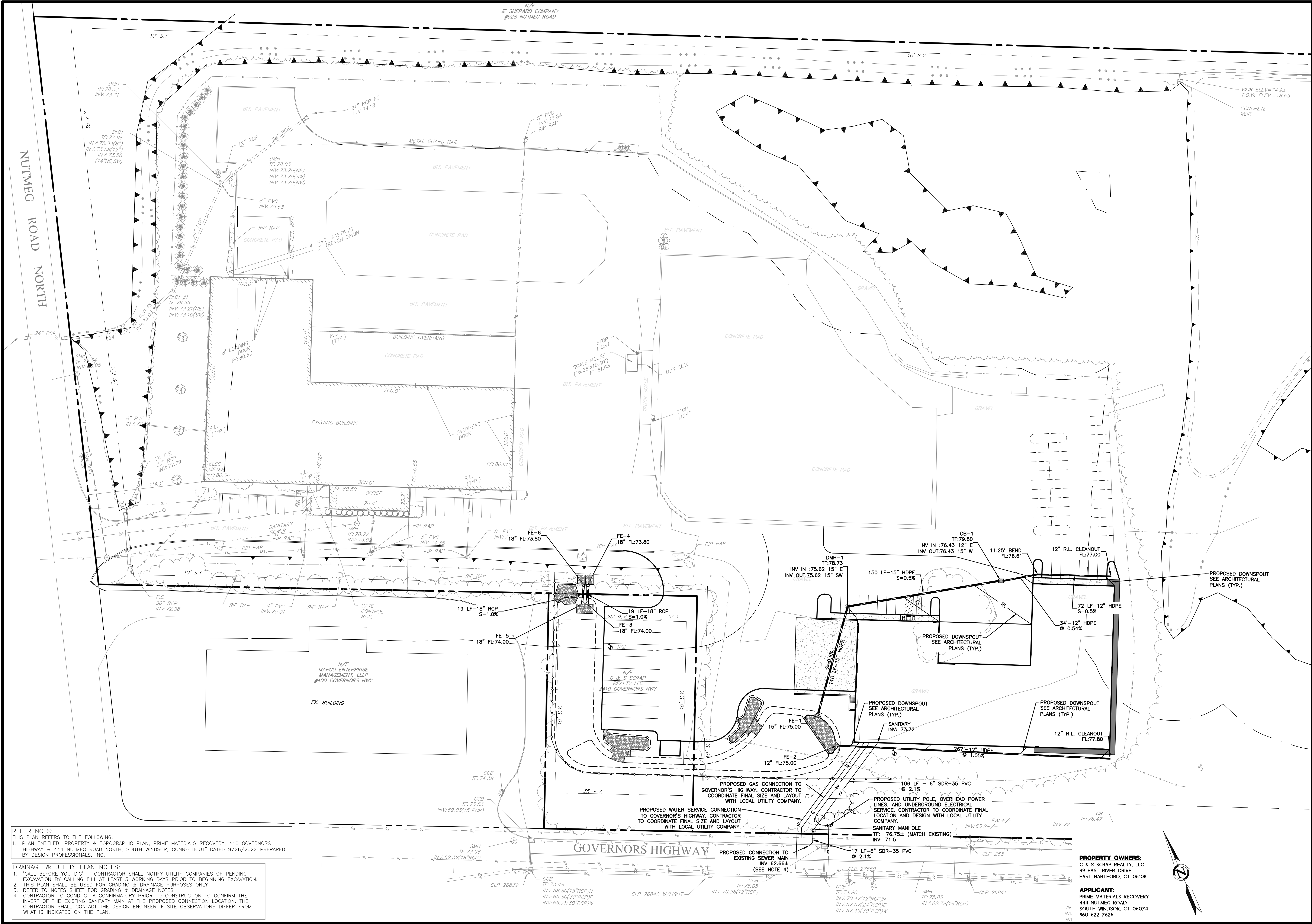












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1. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC PLAN, PRIME MATERIALS RECOVERY, 410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD NORTH, SOUTH WINDSOR, CONNECTICUT" DATED 9/26/2022 PREPARED BY DESIGN PROFESSIONALS, INC.

**DRAINAGE & UTILITY 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  
4. CONTRACTOR TO CONDUCT A CONFIRMATORY PRIOR TO CONSTRUCTION TO CONFIRM THE INVERT OF THE EXISTING SANITARY MAIN AT THE PROPOSED CONNECTION LOCATION. THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IF SITE OBSERVATIONS DIFFER FROM WHAT IS INDICATED ON THE PLAN.

**PROPERTY OWNERS:**  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

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444 NUTMEG ROAD  
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STAGE STORAGE TABLE						
ELEV	AREA (sq. ft.)	DEPT H (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)
73.00	3,131.87	N/A	N/A	0.00	N/A	0.00
74.00	4,217.35	1.00	3674.61	3674.61	3661.18	3661.18
75.00	5,359.38	1.00	4788.36	8462.97	4776.97	8438.15
76.00	6,557.95	1.00	5958.67	14421.64	5948.59	14386.75

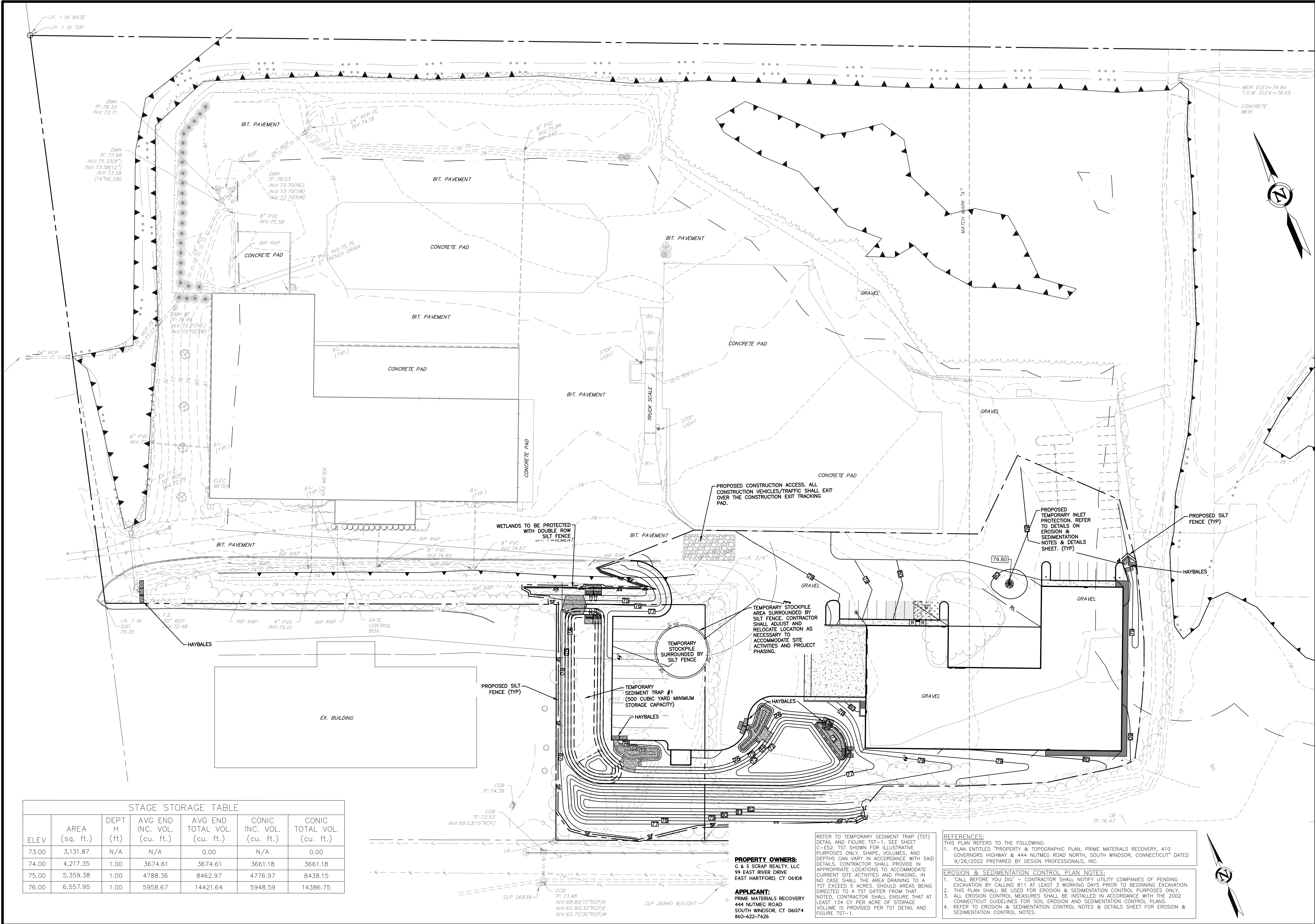
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REFER TO TEMPORARY SEDIMENT TRAP (TST) DETAIL AND FIGURE TST-1. SEE SHEET C-ES2. TST SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SHAPE, VOLUMES, AND DEPTHS CAN VARY IN ACCORDANCE WITH SAID DETAILS. CONTRACTOR SHALL PROVIDE IN APPROPRIATE LOCATIONS TO ACCOMMODATE 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.

**REFERENCES:**  
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**EROSION & SEDIMENTATION CONTROL 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 EROSION & SEDIMENTATION CONTROL PURPOSES ONLY.  
3. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL PLANS.  
4. REFER TO EROSION & SEDIMENTATION CONTROL NOTES & DETAILS SHEET FOR EROSION & SEDIMENTATION CONTROL NOTES.



EROSION & SEDIMENTATION CONTROL PLAN

DESIGN PROFESSIONALS

21 JEFFREY DRIVE  
SOUTH WINDSOR, CT 06074  
860-291-8727 - F  
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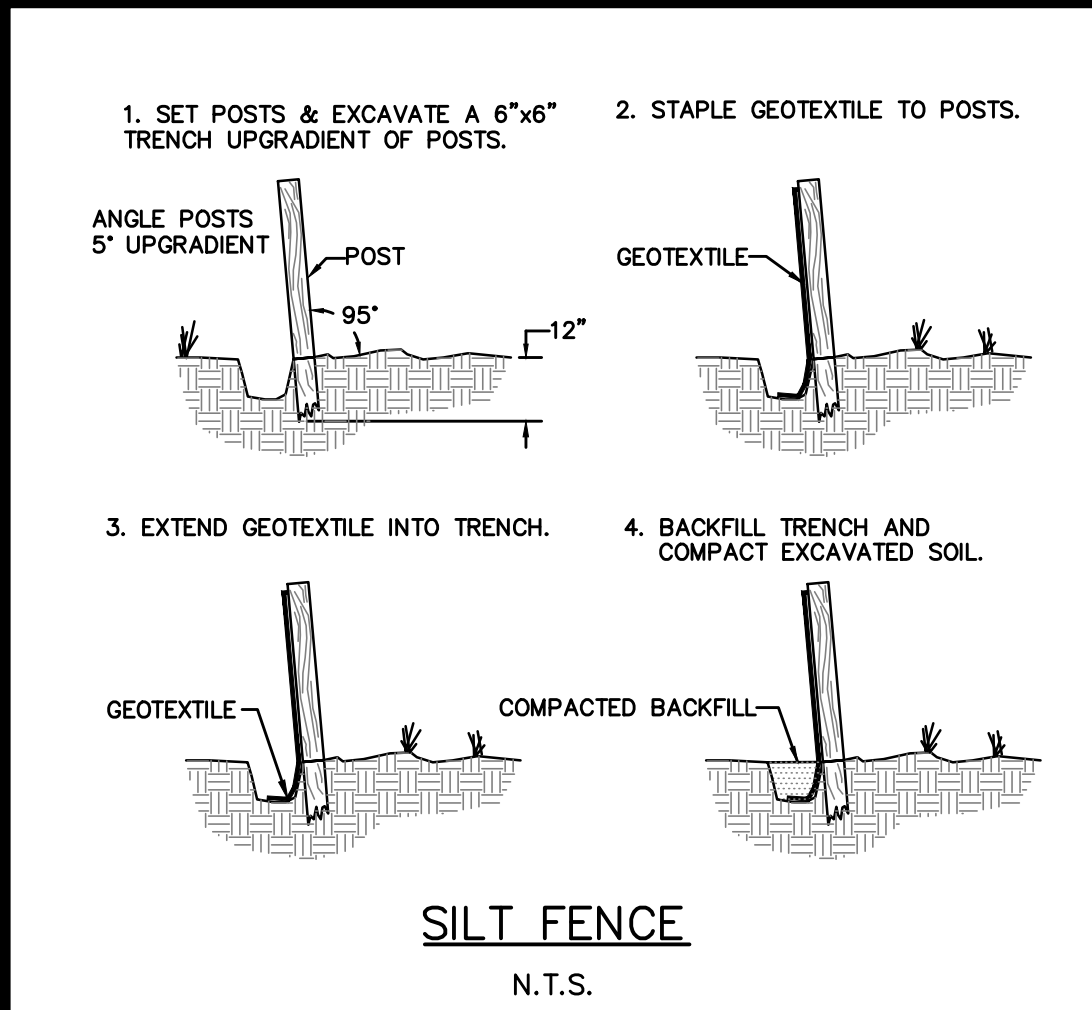
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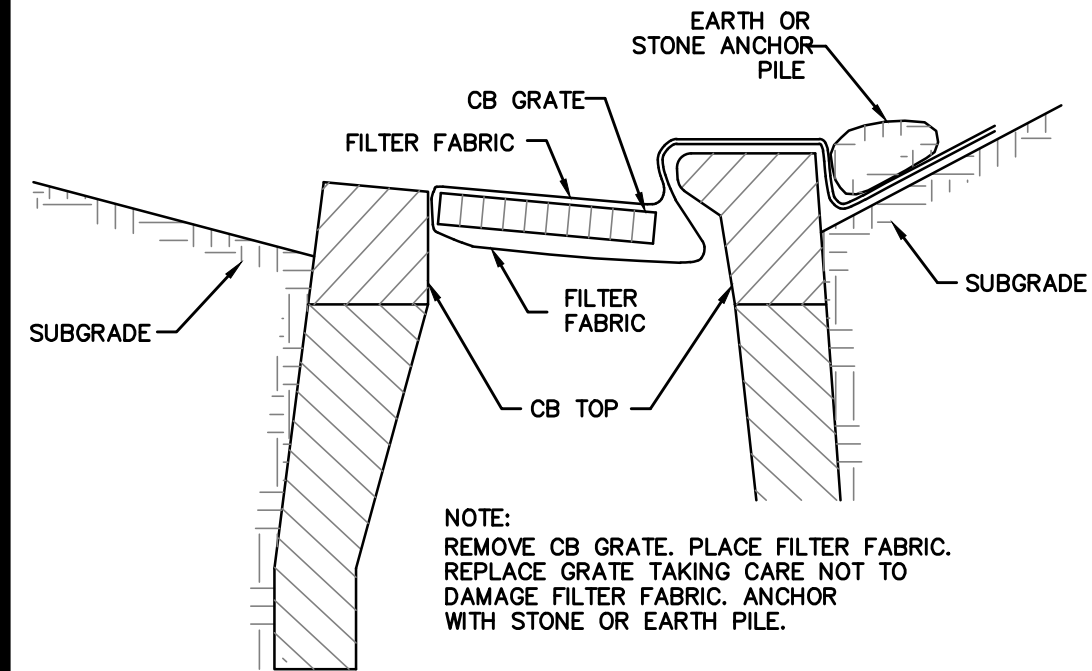
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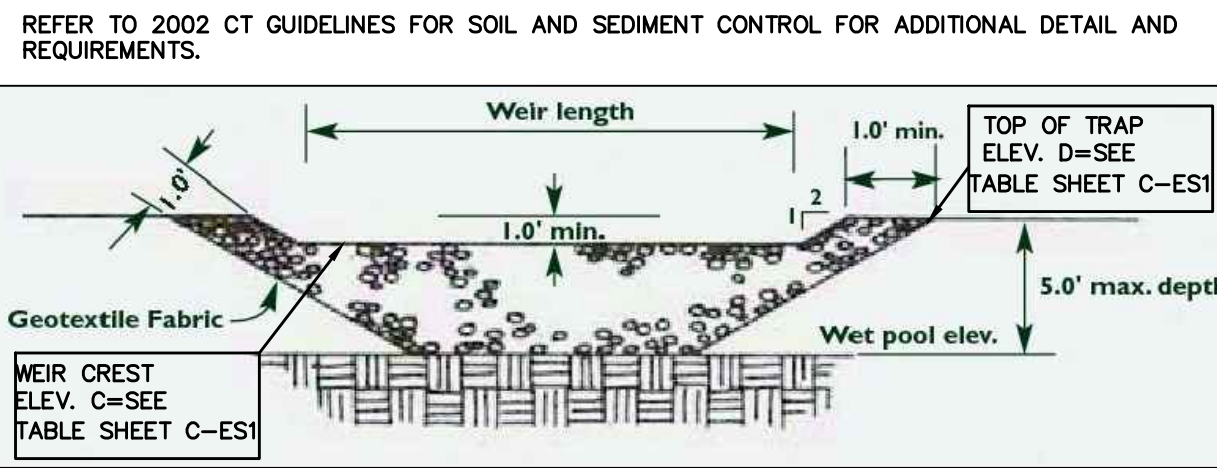
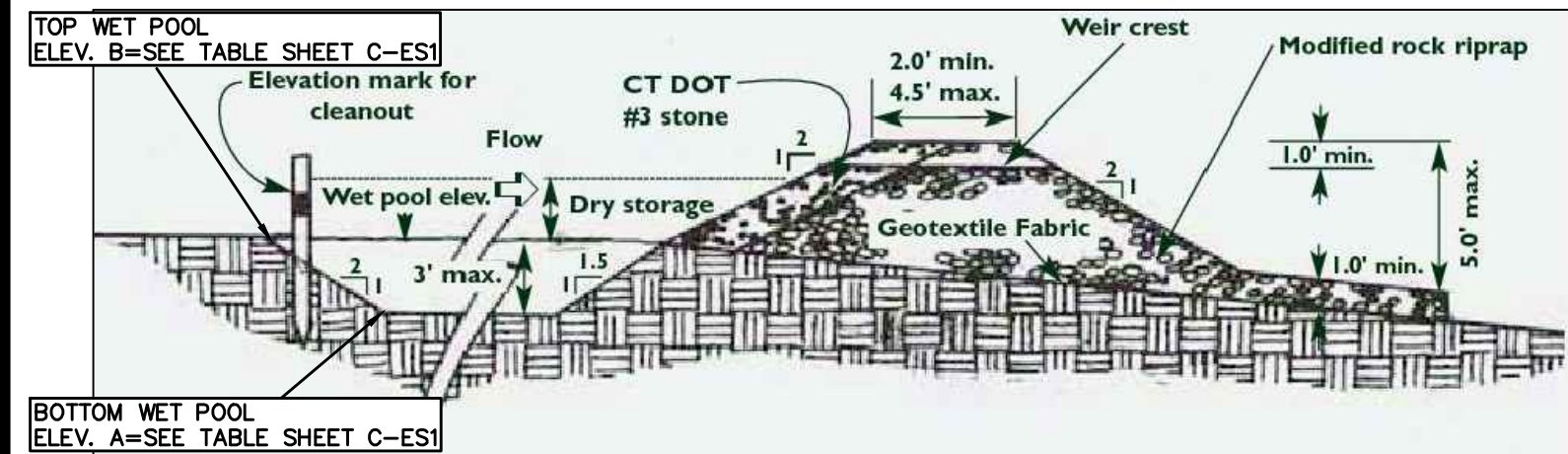




SILT FENCE  
N.T.S.



CATCH BASIN GRATE  
SEDIMENTATION CONTROL  
N.T.S.



**Figure TST-1 Formula for Figuring Temporary Sediment Trap Storage Requirements**

Wet storage volume may be approximated as follows:

$$V_w = 0.85 \times A_w \times D_w$$

where,

- $V_w$  = the wet storage volume in cubic feet
- $A_w$  = 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 outlet.

Dry storage volume may be approximated as follows:

$$V_d = \frac{(A_w + A_d)}{2} \times D_d$$

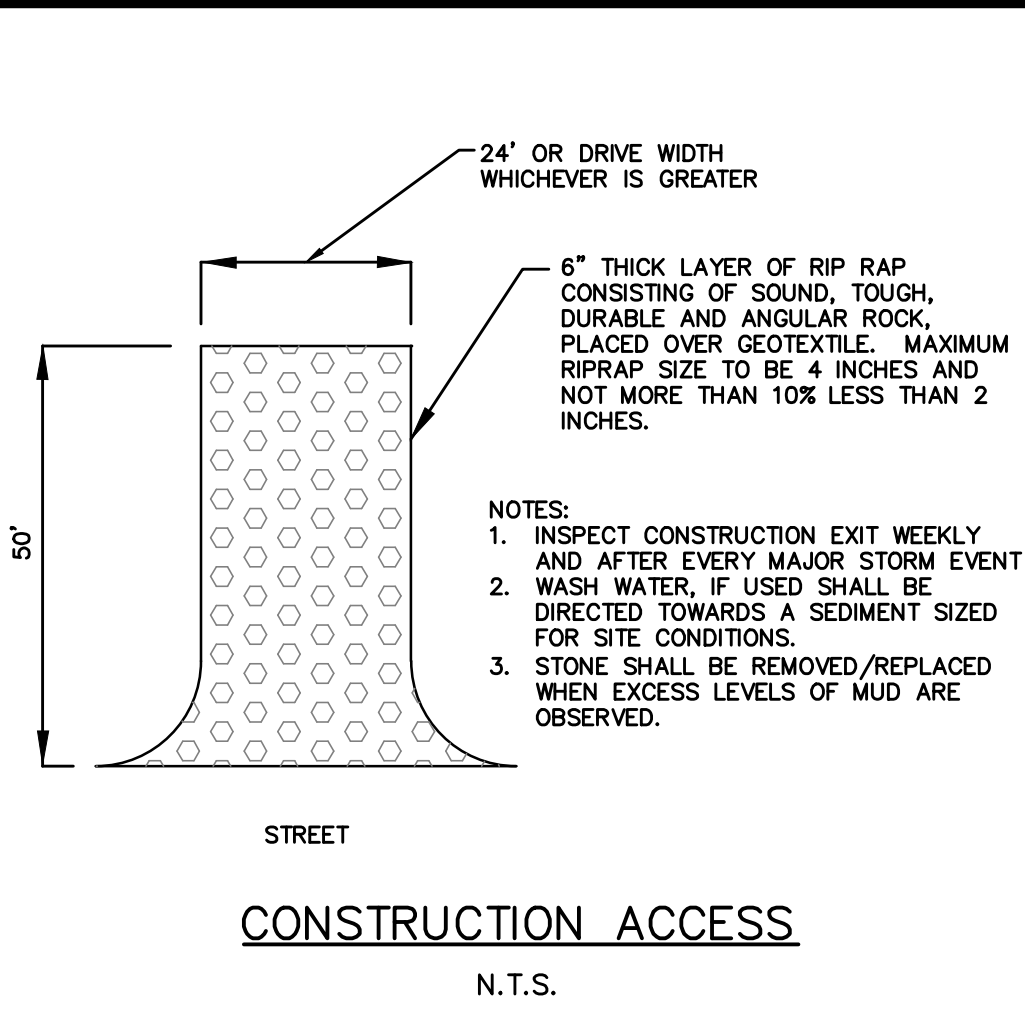
where,

- $V_d$  = 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 square feet
- $D_d$  = the depth in feet, measured from the base of the stone outlet to the top of the stone outlet

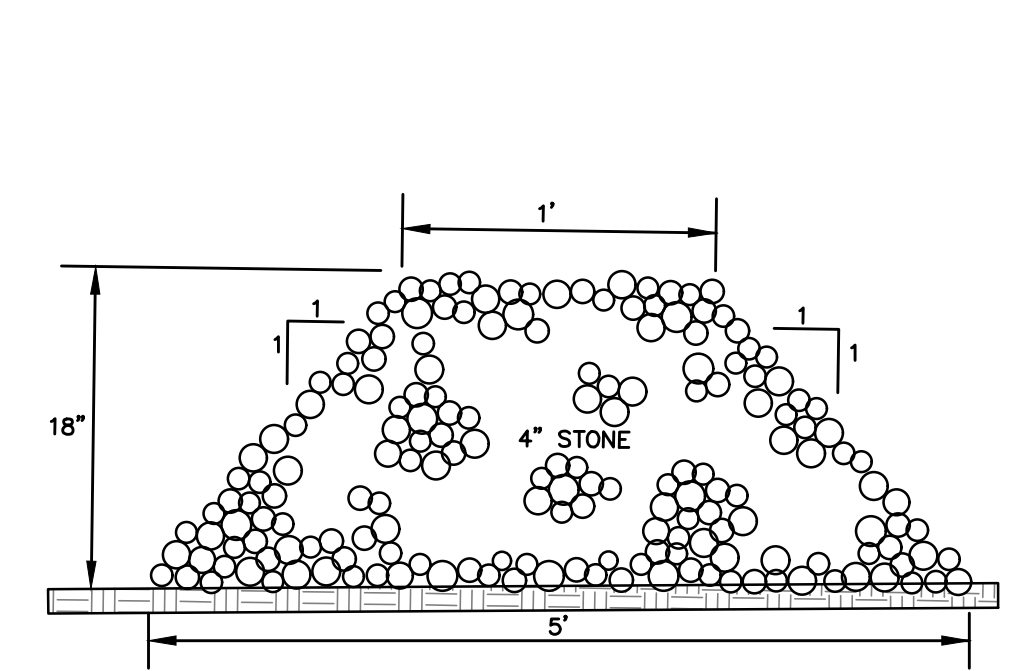
Note: Conversion between cubic feet and cubic yards is: cubic feet x 0.037 = cubic yards.

- NOTE:**
- 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.

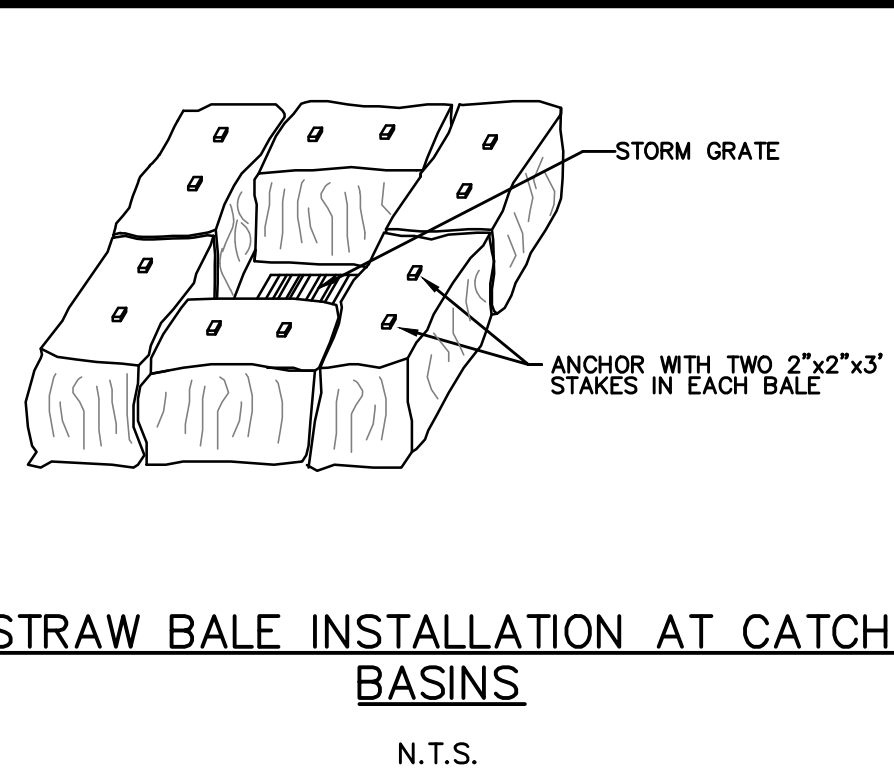
TEMPORARY SEDIMENT TRAP  
N.T.S.



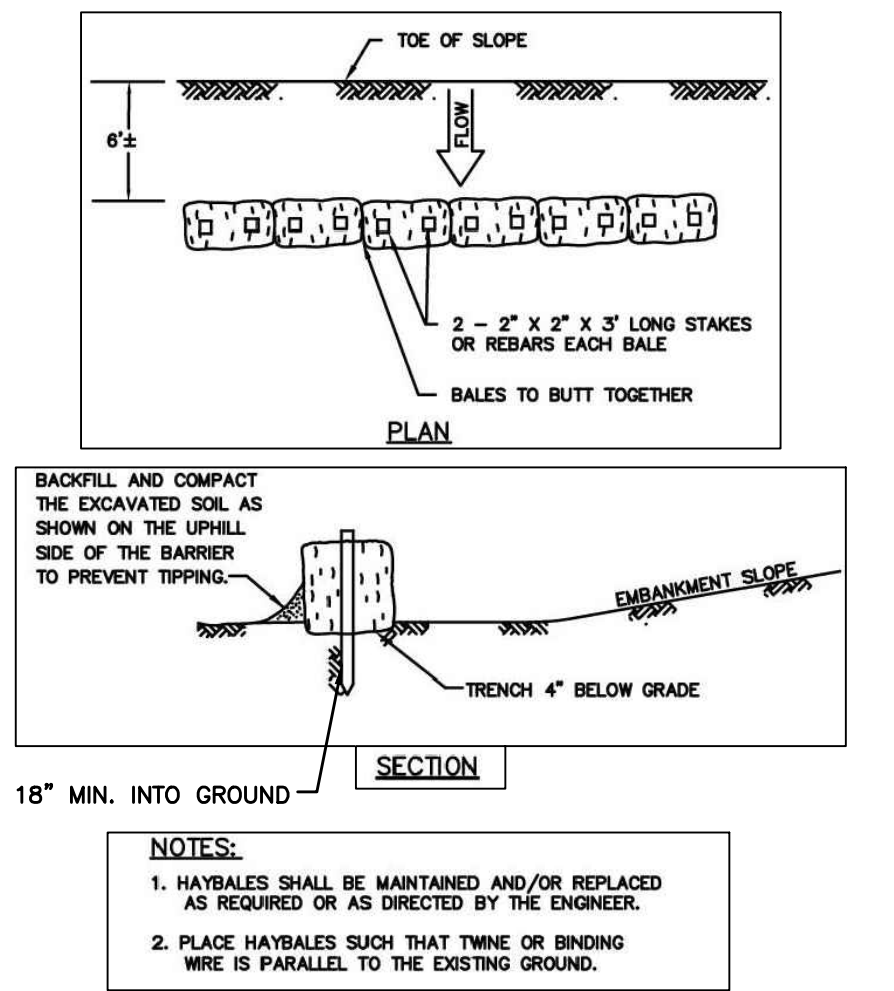
CONSTRUCTION ACCESS  
N.T.S.



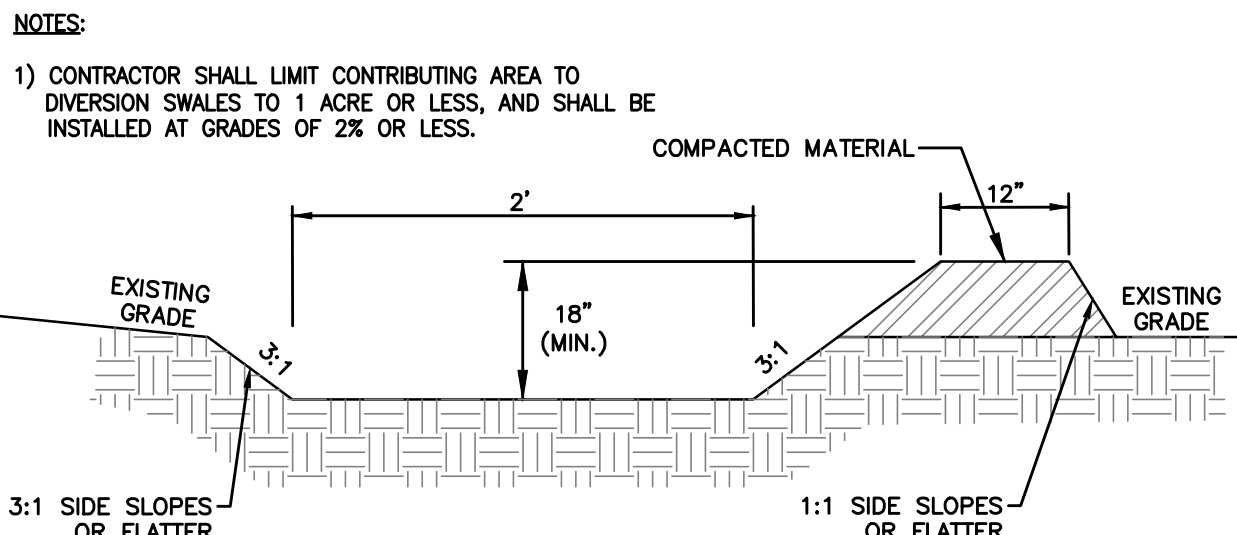
STONE CHECK DAM  
N.T.S.



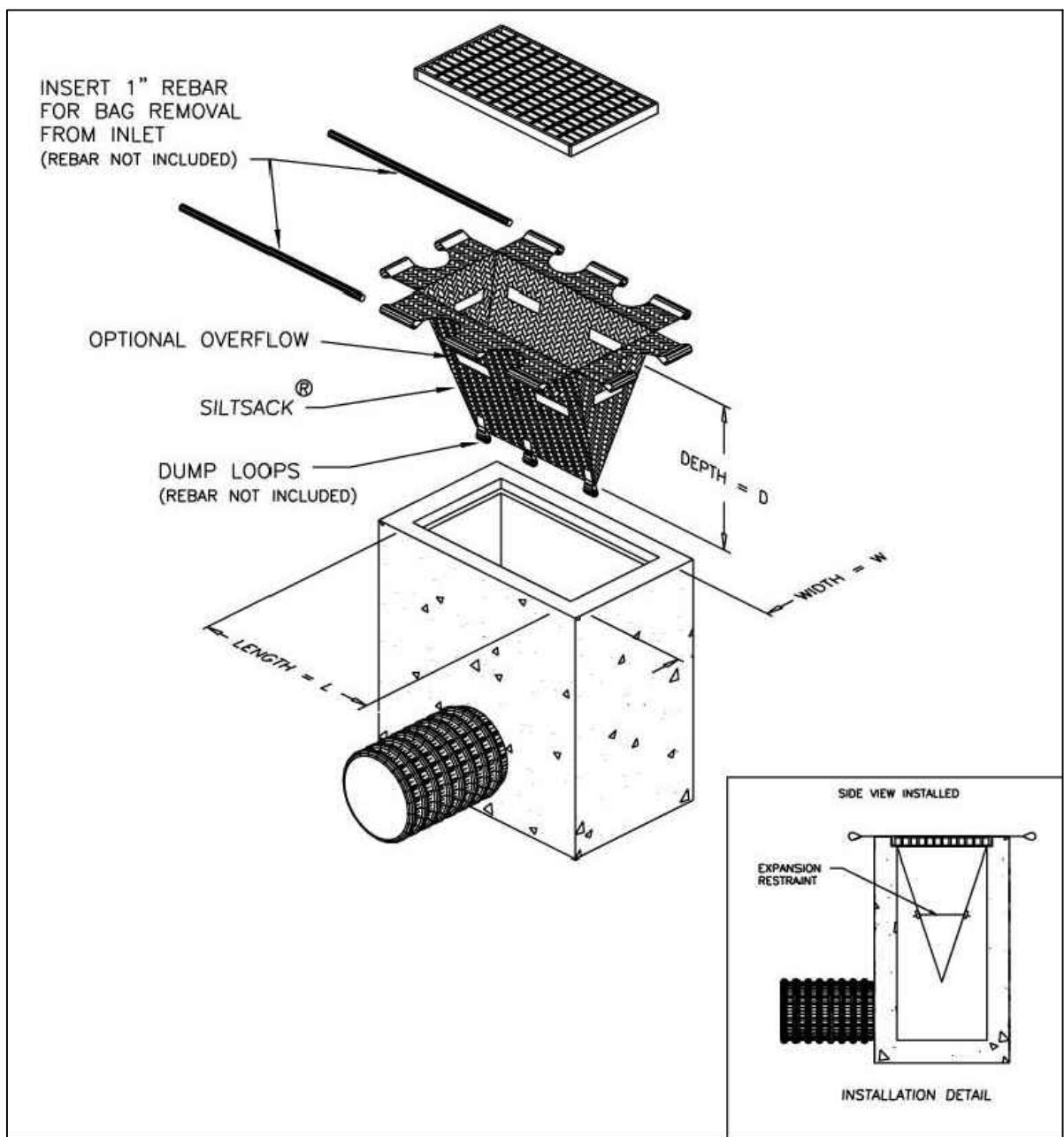
STRAW BALE INSTALLATION AT CATCH  
BASINS  
N.T.S.



STRAW BALES FOR EROSION  
CONTROL  
N.T.S.



TEMPORARY DIVERSION SWALE  
N.T.S.



CURB-LESS INLET PROTECTION DETAIL  
N.T.S.

- CONSTRUCTION SEQUENCE (DETENTION BASIN):**
- INSTALL CONSTRUCTION ACCESS AT DRIVEWAYS OR OTHER LOCATIONS AS SHOWN ON PLANS. MAINTAIN THE CONSTRUCTION ACCESS IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENT ONTO ADJUTING PAVED SURFACES. ADD STONE OR INCREASE THE LENGTH AS CONDITIONS DEMAND.
  - 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.
  - CONSTRUCT TEMPORARY SETTLING OR SILTATION BASINS, SEDIMENT TRAPS AND OTHER BEST MANAGEMENT PRACTICES AS SHOWN ON THE PLANS.
  - 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. ESTABLISH VEGETATION ON ALL DISTURBED SOIL THAT WILL REMAIN EXPOSED FOR LONGER THAN 30 DAYS. REFER TO LANDSCAPE PLANS FOR TEMPORARY SEEDING REQUIREMENTS.
  - CREATE TEMPORARY DIVERSION SWALES AS REQUIRED.
  - ANY DEWATERING ACTIVITIES SHALL BE PUMPED TO TEMPORARY SILTATION BASINS AT THE TOP OF THE SLOPE. PUMPED DISCHARGE MUST UTILIZE SILT-SAC OR APPROVED EQUIVAL. MONITOR TO ENSURE DISCHARGE FROM BASIN IS NOT CAUSING EROSION DOWNSTREAM.
  - INSTALL STORM DRAINAGE SYSTEM. PROTECT CATCHBASINS AND CULVERT INLETS/OUTLETS WITH HAYBALES AND FILTER FABRIC AS SHOWN IN THE DETAILS.
  - INSTALL PAVEMENT, SIDEWALKS, CURBING, TOPSOIL, GRASS SEED, AND MULCH.
  - MINOR ADJUSTMENTS TO THE EXCAVATION LIMITS MAY BE WARRANTED WITH APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION TO ALLOW FOR PRESERVATION OF EXISTING VEGETATION.
  - 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/OR 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 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 INCHES.

PAVEMENT SWEEPING: PAVEMENT AREAS SHALL BE SWEEPED 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.

WATER QUALITY BASIN AND SEDIMENT FOREBAYS: SHALL BE INSPECTED BIANNIALLY. 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.

**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 GREATER) REPORTS SHALL BE PREPARED WITHIN 24 HOURS OF SAID EVENT.

**EROSION & SEDIMENTATION CONTROL NARRATIVE**

- PRIOR TO THE START OF CONSTRUCTION, ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THESE PLANS.
- 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.
- CONSTRUCTION ACCESS SHALL BE INSPECTED REGULARLY TO ENSURE PROPER OPERATION. STONE SHALL BE ADDED OR REPLACED AS REQUIRED.
- 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.
- 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 SEEDING 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.
- 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.
- CONTRACTOR SHALL CLEAN CATCHBASIN SUMPS, DIVERSION SWALES, & TEMPORARY SETTLING SUMPS AS REQUIRED DURING CONSTRUCTION.
- 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.
- 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.
- 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.
- 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.
- THE DEVELOPER SHALL ENSURE THAT CONSTRUCTION ACTIVITIES COMPLY WITH THE NOISE ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
- 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

**PROJECT  
CONTACT INFO:**

BRYAN SCHILBERG  
860-622-7626

- 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.
- 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.
  - 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.
  - CONTRACTOR SHALL COORDINATE WITH THE PROPER AGENCIES FOR RELOCATION OF ANY UTILITIES OR SIGNS.
  - IF REQUIRED, AN APPROVED EROSION CONTROL BOND SHALL BE PREPARED BEFORE THE START OF ANY CONSTRUCTION ACTIVITY.
  - FROZEN MATERIAL SHALL NOT BE USED FOR FILL NOR SHALL FILL BE PLACED OR COMPACTED ON FROZEN GROUND.

ESTIMATED CONSTRUCTION START DATE - FALL 2022  
ESTIMATED COMPLETION DATE - SUMMER 2023

**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 HAIL 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 WINDBARRIERS 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 SPALLAGE, 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, 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.

**PROPERTY OWNERS:**  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

**APPLICANT:**  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626



LANDSCAPING NOTES:

- PER ZONING REGULATION TABLE 6.4.6A PARKING AREAS WITH FEWER THAN 30 PARKING SPACES REQUIRE 5% OF THE INTERIOR PARKING AREA TO BE LANDSCAPED AND ONE TREE FOR EACH 10 PARKING SPACES.
  - 17 PARKING SPACES ARE PROPOSED. 2 TREES ARE REQUIRED. 4 TREES ARE PROVIDED IN THE PARKING AREA ISLANDS.
- 5% OF THE PARKING AREAS IS AN AREA OF 432 SF. 612 SF OF LANDSCAPED ISLANDS ARE PROVIDED.

WETLAND CREATION PLANTING SCHEDULE

QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	NOTES
20	<i>Calamagrostis canadensis</i>	Canada Bluejoint	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Carex stricta</i>	Tussock Sedge	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Juncus effusus</i>	Soft Rush	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Leersia oryzoides</i>	Rice Cutgrass	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Mimulus ringens</i>	Monkey-flower	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Sagittaria latifolia</i>	Northern Arrowhead	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Scirpus cyperinus</i>	Wool Grass	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Scirpus validus</i>	Soft-stem Bulrush	ONE YR GROWTH	2" POT	2' O.C.
20	<i>Verbena hastata</i>	Blue Vervain	ONE YR GROWTH	2" POT	2' O.C.

LEGEND

- BASIN BOTTOM SEED MIX (TYPE IV)
- BASIN SIDE SLOPE SEED MIX (TYPE II)
- WETLAND CREATION PLANTING (REFER TO WETLAND CREATION PLANTING SCHEDULE)

LANDSCAPE PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	NOTES
DECIDUOUS TREES						
GLTR	2	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skyline'	Skyline Honeylocust	2" Cal.	B&B	PLANT AS SHOWN
TCGR	3	<i>Tilia cordata</i> 'Greenspire'	Greenspire Littleleaf Linden	2" Cal.	B&B	PLANT AS SHOWN
EVERGREEN TREES						
ABBA	19	<i>Abies balsamea</i>	Balsam Fir	6"-8" ht.	B&B	PLANT AS SHOWN
ABCO	10	<i>Abies concolor</i>	White Fir	6"-8" ht.	B&B	PLANT AS SHOWN
PIGL	6	<i>Picea glauca</i>	White Spruce	6"-8" ht.	B&B	PLANT AS SHOWN
TONI	55	<i>Thuja occidentalis</i> 'Nigra'	Dark American Arborvitae	6"-8" ht.	B&B	PLANT AS SHOWN

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EAST HARTFORD, CT 06108

APPLICANT:  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626

REFERENCES:  
THIS PLAN REFERS TO THE FOLLOWING:  
1. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC PLAN, PRIME MATERIALS RECOVERY, 410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD NORTH, SOUTH WINDSOR, CONNECTICUT" DATED 9/26/2022 PREPARED BY DESIGN PROFESSIONALS, INC.

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LANDSCAPE PLAN

SHEET  
C-L-LS1  
SHEET 8 OF 14

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NO.	DATE	BY

PRIME MATERIALS RECOVERY

410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD  
SOUTH WINDSOR, CT  
GIS #36900410 & 65100444

PREPARED FOR  
Prime Materials Recovery  
444 Nutmeg Road  
South Windsor, CT 06074  
860-622-7626 T

PROJECT NO.  
2509P  
DATE  
10/03/22  
DESIGN BY  
SFC  
CHECKED BY  
SFC

design professionals  
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS  
PLANNERS / LANDSCAPE ARCHITECTS  
21 EBBEY DRIVE  
PO BOX 1167  
SOUTH WINDSOR, CT 06074  
860-298-9257 - F  
www.designprofessionalsinc.com

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1. SEEDING MIXTURE TYPE I (LAWN AREAS).  
BLUEGRASS BLEND (3 VARIETIES) 50% OF MIXTURE  
CREeping RED FESCUE 30% OF MIXTURE  
PERENNIAL RYEGRASS 20% OF MIXTURE  
APPLICATION RATE: 450LBS. PER 1000 S.F.
2. SEEDING MIXTURE TYPE II (BASIN SLOPES)  
RETENTION BASIN HILDLITE MIX - ERNRY-127  
By Ernst Commercial Seeds, 4006 Market Pike, Meadowdale, PA 16336 (800) 873-3731  
APPLICATION RATE: 0.50 LBS PER 1,000 S.F., 20 LBS PER ACRE
3. SEEDING MIXTURE TYPE IV (BASIN BOTTOM)  
PERENNIAL RYEGRASS 10% OF MIXTURE  
CREeping RED FESCUE 10% OF MIXTURE  
ALSKIE CLOVER 5% OF MIXTURE  
RED TOP 5% OF MIXTURE  
TURF-TYPE TALL FESCUE 70% OF MIXTURE  
APPLICATION RATE: 5.00 LBS PER 1,000 S.F.
4. BASIN SLOPE AND BASIN BOTTOM TYPE 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 (SIDE SLOPES) SHALL BE BY HYDROSEEDING AND HYDRO-MULCHING.  
AND AN ADDITIONAL 15% TO SEEDING MIXTURE WHEN HYDRO-SEEDING IS USED. HYDROMULCH SHALL BE EQUIVALENT TO 2000 LBS PER 1000 S.F. OR 200 LBS PER ACRE.  
CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SEEDING AREAS UNTIL SATISFACTORY GROWTH IS DETECTED BY THE OWNER. REPLANT BARE AND REPAIR ERODED AREAS UNTIL END OF MAINTENANCE PERIOD.

1. ALL CONSTRUCTION IMPACT UTILIZED IN THIS AREA SHALL MINIMIZE COMPACTION AS MUCH AS POSSIBLE.
2. EXCAVATE AREA TO A DEPTH 12" BELOW FINISH GRADE AND STOCKPILE TOPSOIL BEYOND THE LIMITS OF WETLANDS.
3. MECHANICALLY MIX TOPSOIL WITH A MINIMUM 30% ORGANIC CONTENT OUTSIDE OF THE WETLANDS CREATION AREA. USE TOPSOIL FROM WETLAND TO BE DISTURBED.
4. PLACE TOPSOIL ORGANIC SOIL MIXTURE IN WETLANDS CREATION AREA TO A MINIMUM DEPTH OF 12". NO FERTILIZER OR LIMES SHALL BE APPLIED.
5. PLANT WETLAND PLANTS PER WETLAND CREATION PLANTING SCHEDULE ON SHEET C-151.
6. PLANTS TO BE PLANTED IN FIELD WITH SPACING AS SPECIFIED. EVENLY DISTRIBUTE ALL SPECIES THROUGHOUT ENTIRE PLANTING AREA.

1. ALL TREES SHALL BE HANDLED BY THE ROOT BALL AND NOT BY THE TRUNK OF THE TREE.
2. ALL TREES SHALL BE COMPLETELY REMOVED ONCE THE TREE HAS BEEN PLACED IN THE PLANTING AREA. BURLAP SHALL BE REMOVED FROM THE TRUNK AND THE ROOT BALL SHALL BE CUT INTO ANY NINE BASKETS SHALL BE CUT AND THE UPPEIS 2/3 REMOVED.
3. ALL TREES SHALL BE FRESHLY DUG WITHIN 30 DAYS OF DELIVERY TO THE PLANTING SITE.
4. NO OTHER OBJECTS AROUND THE ROOT BALL SHALL BE REMOVED.
5. THE AREA AROUND THE ROOT BALL SHALL BE EXCAVATED. THE DEPTH OF THE EXCAVATION SHALL BE AS MEASURED FROM THE ROOT FLAIR ON THE TRUNK TO THE BOTTOM OF THE ROOT BALL.
6. ALL EXCAVATED MATERIAL SHALL BE DEPOSITED AT AN APPROVED SITE.
7. BACK FILLING TREES, GROWING MEDIUM SHALL BE WORKED IN TO AVOID ANY AIR POCKETS. CARE MUST BE TAKEN NOT TO COMPACT THE MEDIUM.
8. THE BEGINNING OF THE ROOT FLAIR SHALL BE SET TWO INCHES ABOVE THE GRADE.
9. WATER SHALL BE APPLIED AS SOIL CONDITIONS DICTATE.
10. ALL TREE TRUNKS SHALL BE FREE FROM ANY INJURY OR DAMAGE.
11. ALL TREES SHALL BE PLACED IN THE PLANTING ORDER.
12. TREES SHALL NOT BE STAKED OR GUYED UNLESS DIRECTED BY THE ARCHITECT.
13. THE DEPTH OF ALL MULCH SHALL NOT EXCEED MORE THAN TWO INCHES.
14. ALL TAGS, RIBBONS, OR OTHER MARKINGS SHALL BE REMOVED.
15. NO PRUNING SHALL BE PERFORMED UNLESS DIRECTED BY THE TREE NURSER.
16. NO FERTILIZERS OR WATER POLYMERS SHALL BE APPLIED AT

Not to Scale

Not to Scale

Not to Scale

Not to Scale

## Not to Scale

# C-LS2

## LANDSCAPE DETAILS & NOTES

SHEET

9 OF 14

NO.	DATE	REVISIONS	BY		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <h1 style="margin: 0;">PRIME MATERIALS</h1> <h2 style="margin: 0;">RECOVERY</h2> </div> <div style="width: 45%; text-align: right;"> <p style="margin: 0;">410 GOVERNOR'S HIGHWAY &amp; 444 NUTMEG ROAD</p> <p style="margin: 0;">SOUTH WINDSOR, CT</p> <p style="margin: 0;">QIS # 369000410 &amp; 65100444</p> </div> </div>					

**PREPARED FOR:**

Prime Materials Recovery

444 Nutmeg Road

South Windsor, CT 06074

860-622-7626 T

**PROJECT NO.:**

2509.P

**DATE:**

03/22

**DESIGNED BY:**

SPC

**DRAWN BY:**

CMM

**CHECKED BY:**

**21 JERREY DRIVE**  
**PO BOX 167**  
**SOUTH WINDSOR, CT 06074**  
**860-291-8725**  
**www.designprofessionals.com**

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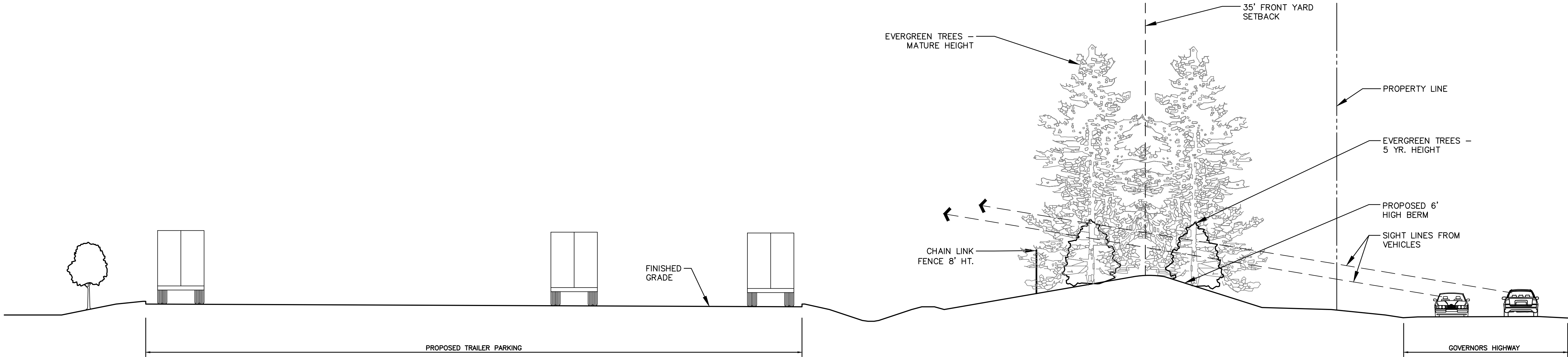
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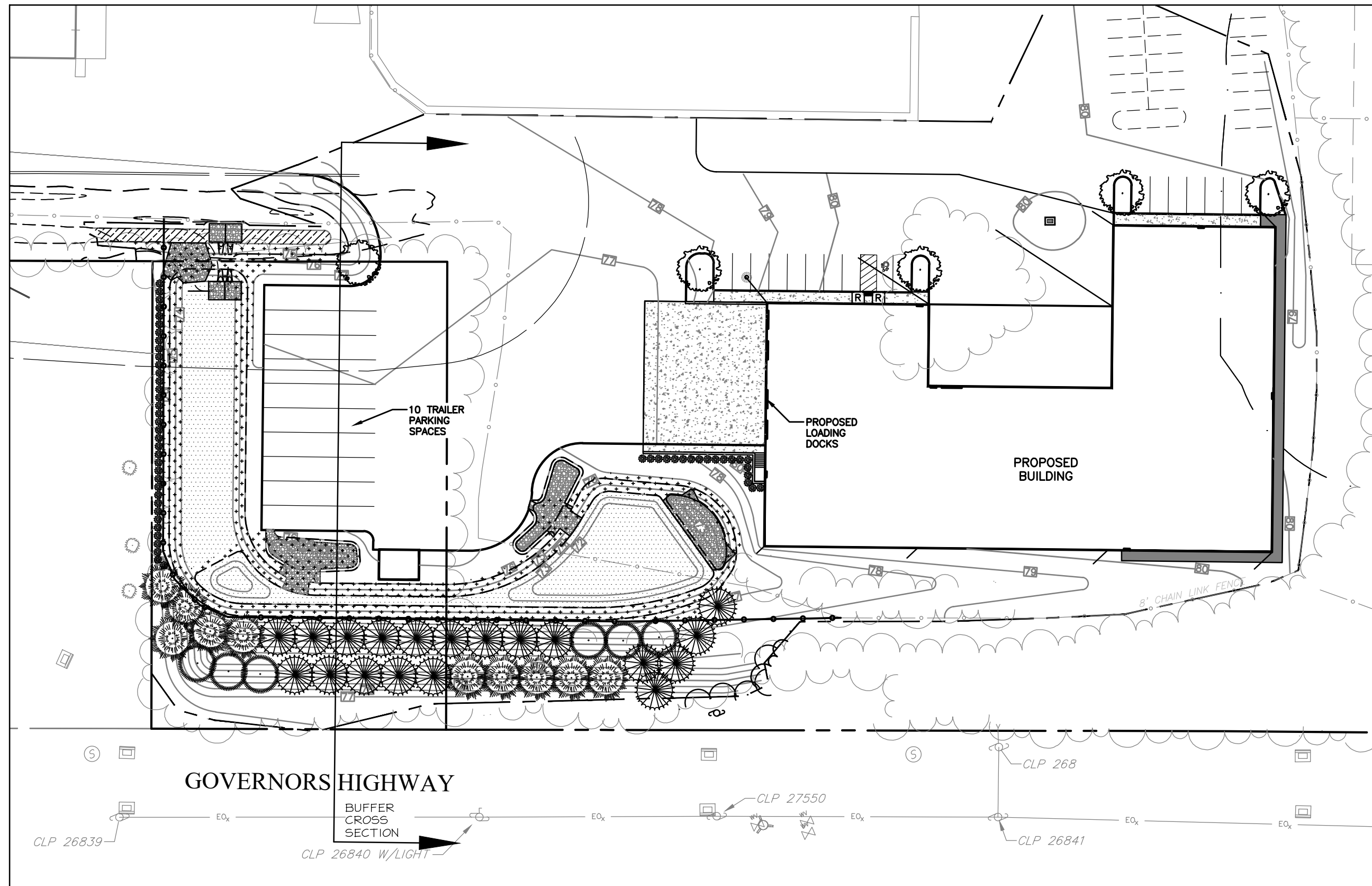
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1 BUFFER CROSS SECTION



2 KEY MAP

**PROPERTY OWNERS:**  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

**APPLICANT:**  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626

**REFERENCES:**  
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**LANDSCAPE PLAN NOTES:**  
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3. REFER TO NOTES SHEET FOR LANDSCAPING AND SEEDING NOTES

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21 JEFFREY DRIVE  
SOUTH WINDSOR, CT 06074  
860-298-8257 - F  
860-298-8257 - F  
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**PREPARED FOR:**  
Prime Materials Recovery  
444 Nutmeg Road  
South Windsor, CT 06074  
860-622-7626 T

PROJECT NO:  
2509P

DATE:  
10/03/22

DESIGNED BY:  
SFC

DRAWN BY:  
SFC

CHECKED BY:  
SFC

**PRIME MATERIALS RECOVERY**  
410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD  
SOUTH WINDSOR, CT  
GIS #36900410 & 65100444

NO.	DATE	REVISIONS	BY

**LANDSCAPE PLAN**

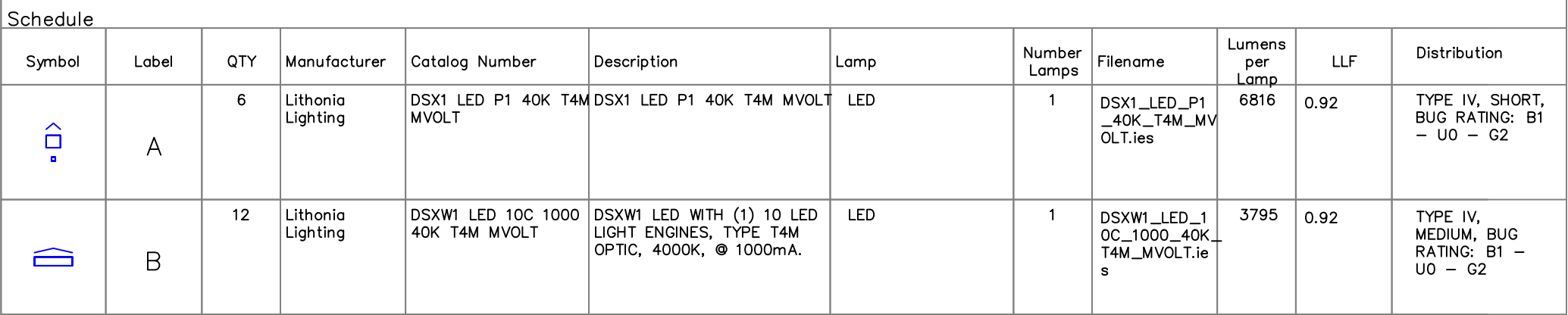
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SHEET

**C-L53**

SHEET 10 OF 14





1. THE LIGHT LEVELS SHOWN ON THESE PLANS (IN FOOT-CANDELES) ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE MANUFACTURER.
2. CONTRACTOR SHALL PROVIDE A MINIMUM OF 5' CLEARANCE ON THE FIELD TO AVOID UNDERGROUND UTILITIES. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO INSTALLING IF DEVIATION IS 5' OR MORE FROM LOCATION SHOWN ON THE PLANS.
3. MOUNTING HEIGHT EQUALS LUMINAIRE HEIGHT ABOVE FINISHED GRADE.
4. ALL FIXTURES AND PHASES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURB.
5. ELECTRICAL DESIGN OF SITE LIGHTING TO BE COMPLETED 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.

**APPLICANT:**  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626

1. "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.
2. THIS PLAN SHALL BE USED FOR SITE LIGHTING ONLY

# D-Series Size 1 LED Wall Luminaire

## d'series

### Specifications Luminaire

Width:	13-3/4" (344 mm)	Weight:	12 lbs (5.4 kg)
Depth:	10" (254 mm)		
Height:	6-3/8" (162 mm)		

### Back Box (BBW, E20WC)

Width:	13-3/4" (344 mm)	Weight:	5 lbs (2.3 kg)
Depth:	8" <b>BBW</b> 10" <b>E20WC</b>		
Height:	6-3/8" (162 mm)		

For 30" x 30" x 4" cavity  
cutout (BBW only)

### Introduction

The D-Series Wall Luminaire is a stylish, fully integrated LED luminaire for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting energy-efficient lighting with a variety of optical and control options for customized performance. With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

### Ordering Information

### EXAMPLE: DSW1K 20C 1000 40K T3M MVOLT DBTSTD

Series	Size	Driver Config	Color Temperature	Distribution	Mounting	Mounting Options	Accessories
DSW1K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW2K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW3K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW4K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW5K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW6K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW7K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)	40250	1/2"	
	50C (50" x 50" LED engine)	30A 330mA	40K	4000° Flood	10000	3/8"	Shank: 1/2" Ø
	20C (20" x 20" LED engine)	70mA 70mA	300K	125° Spot (Flood)	228*	1/4"	Shank: 1/4" Ø
	30C (30" x 30" LED engine)	100A 100mA (UL)	4000K	170° Flood (Flood)	227*	3/8"	Shank: 3/8" Ø
DSW8K LED	10C (10" x 10" LED engine)	30A 330mA	300K	125° Spot (Flood)			

[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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. The contractor is responsible for repairing all damage to any existing utilities during construction, at its own expense.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. The tops of existing manholes, inlet structures, and sanitary cleanout tops must be adjusted as necessary, to match proposed grades.
34. Where retaining walls (whether or not they meet the jurisdictional definition) are identified on plans, elevation 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. Contractor's price for water service must include all fees, costs and opportunreances required by the utility to provide full and complete working service.
40. 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.
41. 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.
42. Where storm pumps are installed, all discharges must be connected to the storm sewer or discharged to an approved location.
43. 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.
44. 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.
45. All temporary and permanent onsite and offsite signage and pavement markings shall conform to MUTCD, ADA, state DOT, and/or local approval requirements.
46. 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.
47. 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.
48. 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.
49. All dimensions are to face of curb, edge of pavement, or edge of building, unless noted otherwise.
50. 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.
51. All pumped discharge must utilize silt-sac 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.

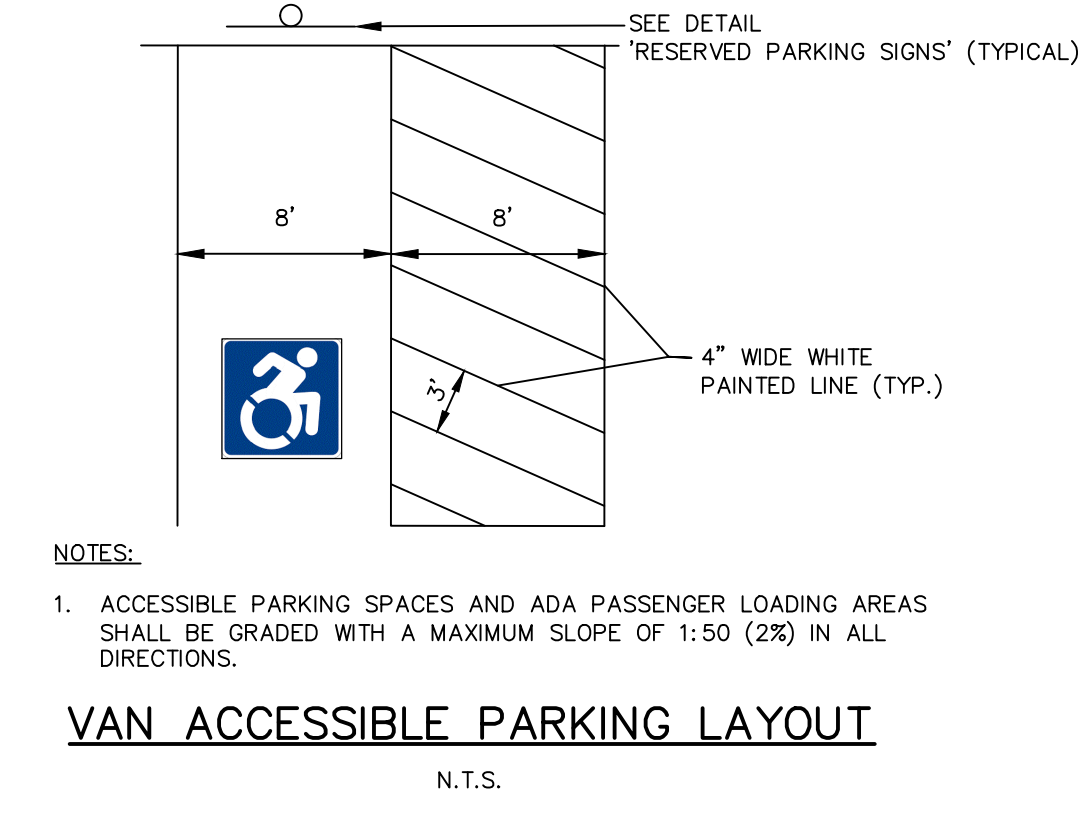
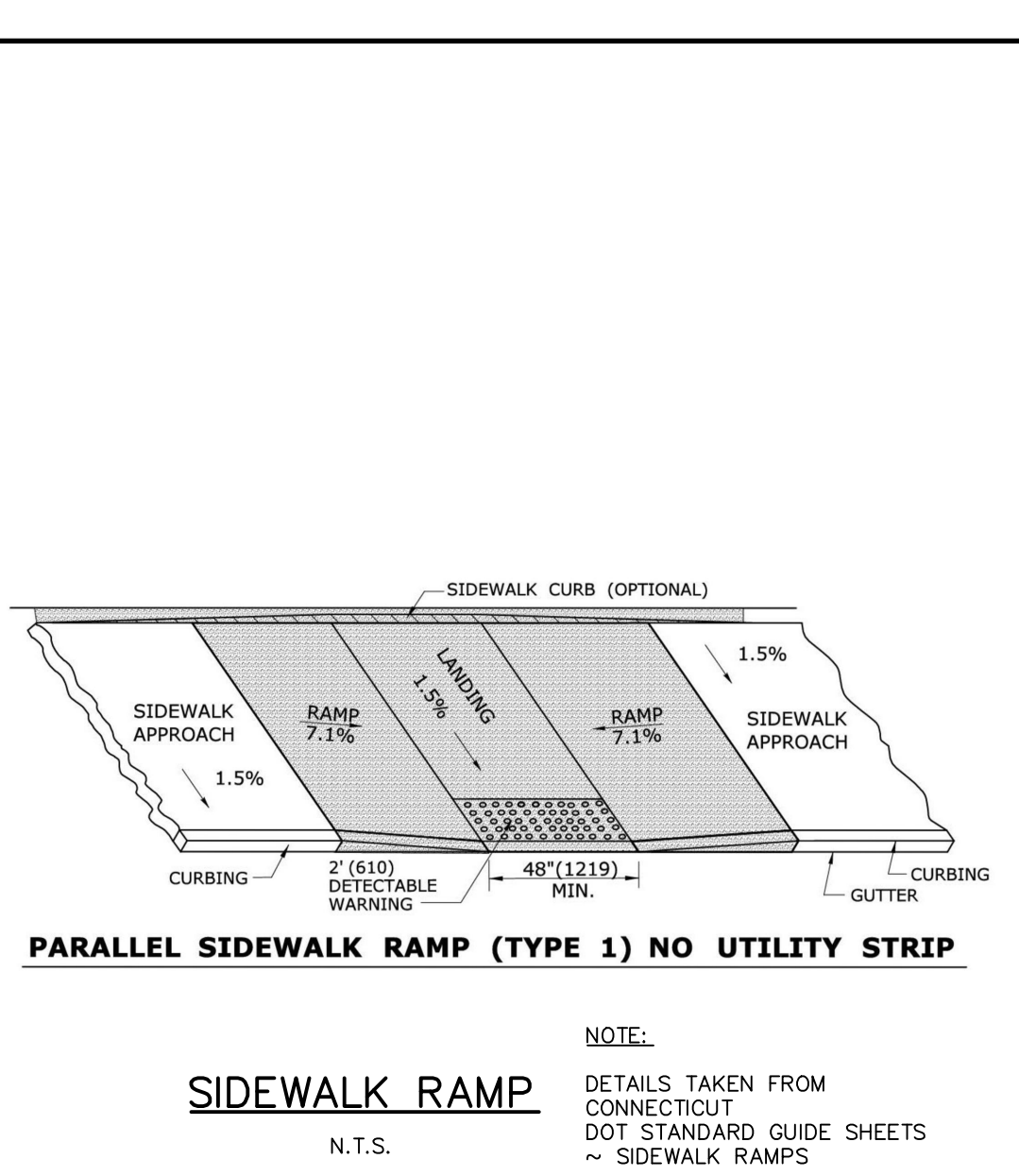
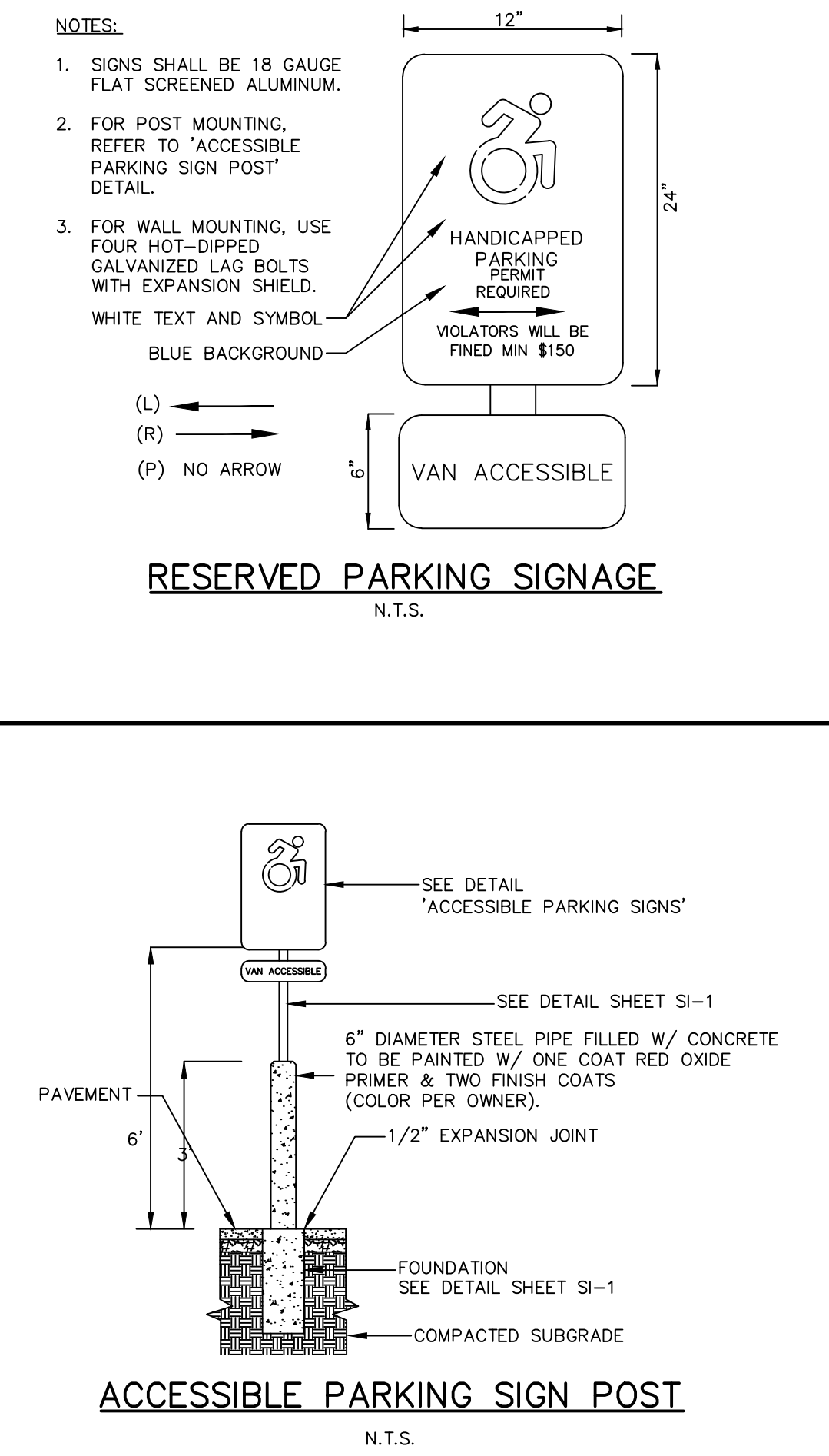
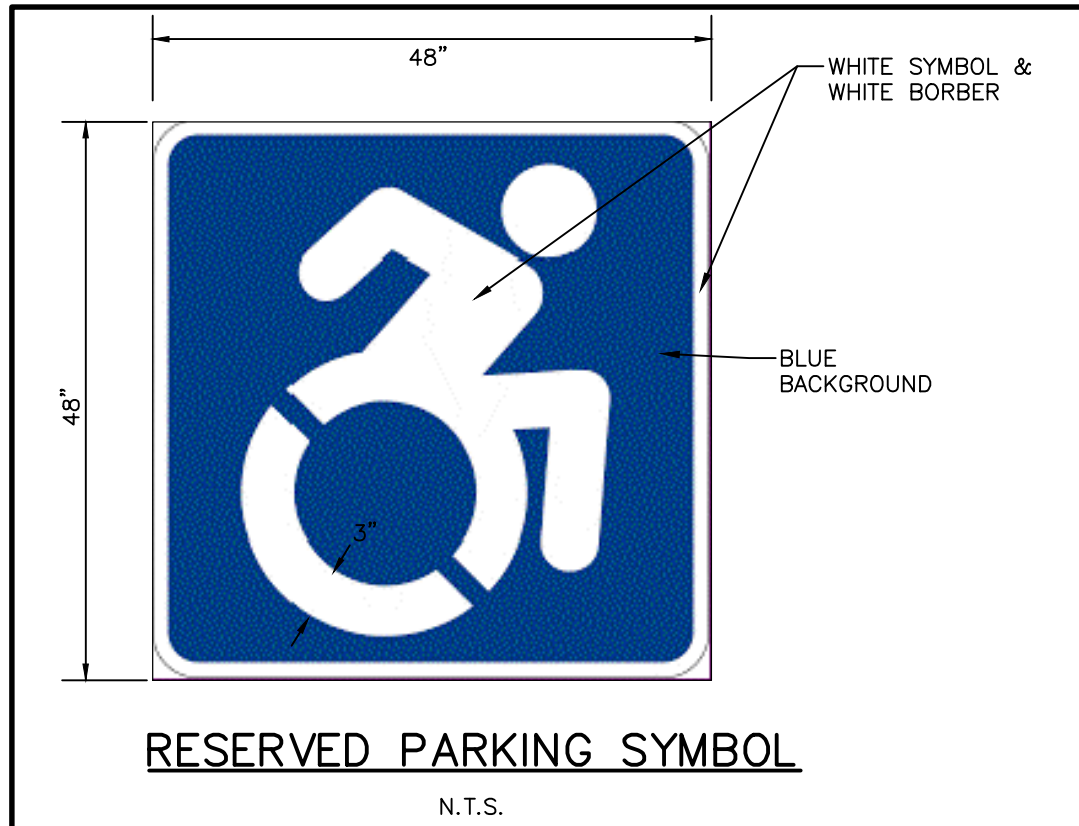
Accessible routes shall be a minimum of 36" wide (unobstructed). Handrails and car overhangs may not obstruct these areas. Longitudinal slopes (direction of travel) shall not exceed 1:20 (5.0%) and shall have a cross slope no greater than 1:50 (2.0%).

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 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.



LEGEND		
EXISTING	DESCRIPTION	PROPOSED
BORINGS		
	BORING / TEST PIT LOCATION	
COMMUNICATION		
---	UNDERGROUND COMMUNICATION LINES	C
DOMESTIC WATER		
---	WATER MAIN	W
---	WATER SERVICE	WS
---	FIRE SERVICE LINE	F
---	NON-POTABLE WATER LINE	NPW
	WATER VALVE / FITTINGS	
	FIRE HYDRANT	
LIQUID FUEL		
---	MAIN LIQUID FUEL LINE	LF
---	LIQUID FUEL SERVICE LINE	LFS
---	LIQUID FUEL LINE, ABANDONED	---
IRRIGATION		
---	IRRIGATION LINES	I
LIGHTING		
	POLE / GROUND MOUNTED LIGHT	
NATURAL GAS		
---	GAS MAIN	G
---	GAS SERVICE LINE	GS
POWER		
---	ELECTRICAL LINES, OVERHEAD	EO
---	ELECTRICAL LINES, UNDERGROUND	EU
	UTILITY POLE	
PROPERTY		
---	PROPERTY LINE	---
---	EASEMENT LINE	---
	IRON PIPE	---
	IRON ROD	●
	MONUMENT	■
ROADS		
	GUARD RAIL	●
EROSION CONTROL		
---	SILT FENCE	SF
SITE FEATURES		
---	4" DOUBLE SOLID YELLOW LINE	DSYL
---	4" SINGLE SOLID WHITE LINE	SSWL
---	BIT. CONC. LIP CURB	BCLC
---	PRECAST CONCRETE CURB	PCC
SANITARY SEWER		
---	SANITARY SEWER MAIN	S
---	SANITARY SEWER SERVICE LINE	SS
	SANITARY SEWER MANHOLE	
STORM SEWER		
---	STORM DRAIN PIPE	---
---	ROOF LEADER	RL
---	UNDERDRAIN	UD
	STORM DRAIN MANHOLE	
	CURB INLET	
	CATCH BASIN	
	YARD DRAIN	
TOPOGRAPHY		
---	CONTOUR	
---	SPOT ELEVATION	
OTHER		
---	RAMP	R
---	LANDSCAPE AREA	LSA

PROPERTY OWNERS:  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

APPLICANT:  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626

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21 EFFEY DRIVE  
P.O. BOX 1167  
SOUTH WINDSOR, CT 06074  
860-259-8757 - F  
www.designprofessionalsinc.com

**Design Professionals**  
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS  
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR

Prime Materials Recovery  
444 Nutmeg Road  
South Windsor, CT 06074  
860-622-7626 T

PROJECT NO.  
2509P  
DATE  
10/03/22  
DESIGN BY  
SFC  
CHECKED BY  
SFC

PRIME MATERIALS RECOVERY

410 GOVERNOR'S HIGHWAY & 444 NUTMEG ROAD  
SOUTH WINDSOR, CT  
GIS #36900410 & 65100444

NOTES, LEGEND, & DETAILS

BY

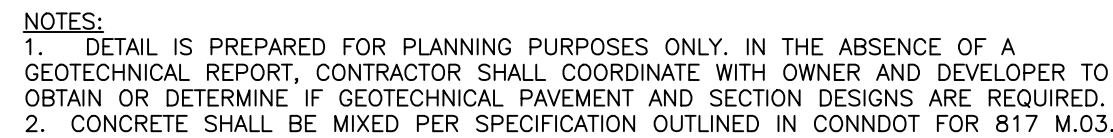
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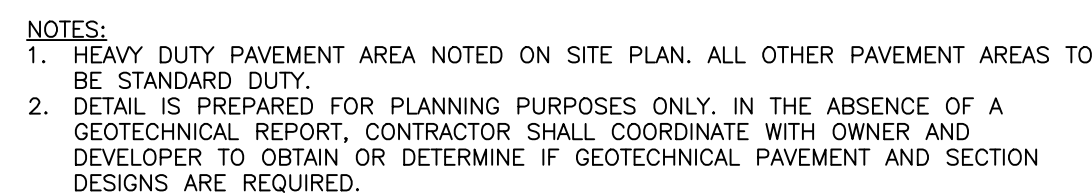
REVISIONS

SHEET  
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12 OF 14

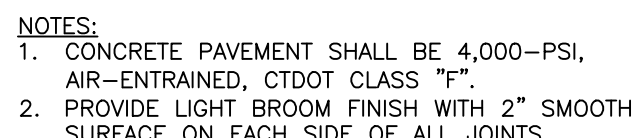




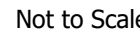
Not to Scale



Not to Scale



Not to Scale



Not to Scale



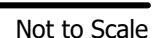
BITUMINOUS CONCRETE CURBING SHALL BE INSTALLED PER CTDOT  
STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL  
CONSTRUCTION, LATEST EDITION.

Not to Scale



1. ALL CONCRETE SHALL BE CTDOT CLASS "F" OR EQUIVALENT.
2. THE END OF CURB SECTIONS SHALL BE CHAMFERED 1".
3. CURB, CURB CORNERS OR EDGING SHALL MATCH THE ADJACENT CURB IN SIZE, COLOR AND FINISH.
4. CURBS, CURB CORNERS OR EDGING SHALL BE FITTED TOGETHER AS CLOSELY AS POSSIBLE.
5. EXPANSION JOINTS SHALL BE INSTALLED AT A MAXIMUM OF 20 FEET ON CENTER USING PREFORMED EXPANSIONS JOINT FILLER HAVING A THICKNESS OF 3".
6. WHEN ABUTTING CONCRETE WALKS, INSTALL PREFORMED EXPANSIONS JOINT FILLER HAVING A THICKNESS OF 1" AND A LENGTH OF 12" TO 18" PER JOINT.
7. CONCRETE CURBING SHALL BE INSTALLED PER CTDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INDUSTRIAL CONSTRUCTION, LATEST EDITION.

Not to Scale



INSTALLATION OF ELECTRICAL SERVICES SHALL BE IN ACCORDANCE WITH APPLICABLE UTILITY COMPANY REQUIREMENTS AND THE CONNECTICUT BUILDING CODE

Not to Scale



- 1) d = 12 IN (WHEN MODIFIED RIPRAP SPECIFIED)  
18 IN (WHEN INTERMEDIATE RIPRAP SPECIFIED)  
36 IN (WHEN STANDARD RIPRAP SPECIFIED)
- 2) RIPRAP GRADATIONS SHALL MEET CT DOT FORM 816 SECTION M.12.02
- 3) FILTER FABRIC SHALL BE NONWOVEN AND SHALL MEET AASHTO M288--00, CLASS 2

Not to Scale



1. CONCRETE ENCASEMENT NOT REQUIRED IF CLEAR DISTANCE BETWEEN PIPES IS GREATER THAN 18"
2. PIPES MUST BE PLACED VERTICALLY AND HORIZONTALLY TO PREVENT FLOATING DURING PLACEMENT OF CONCRETE
3. ALL CONCRETE ENCASEMENTS SHALL BE KEPT 12" BELOW THE BOTTOM OF ASPHALT PAVEMENT.
4. CONCRETE SHALL EXTEND 1.5' IN EITHER DIRECTION OF CROSSING EXCEPT FOR WATER/SEWER CROSSINGS WHICH SHALL EXTEND 10' IN EITHER DIRECTION OF CROSSING.

Not to Scale



INSTALLATION OF DOMESTIC WATER SUPPLY AND FIRE SERVICE MAINS  
SHALL BE COORDINATED WITH THE WATER COMPANY

Not to Scale



- NOTES:
1. TOP STEP TO BE A MAXIMUM OF 24" BELOW TOP OF MANHOLE FRAME & COVER ELEVATION.
  2. SEAL ALL LIFTING HOLES INSIDE AND OUTSIDE OF RISER SECTION.

Not to Scale



Not to Scale

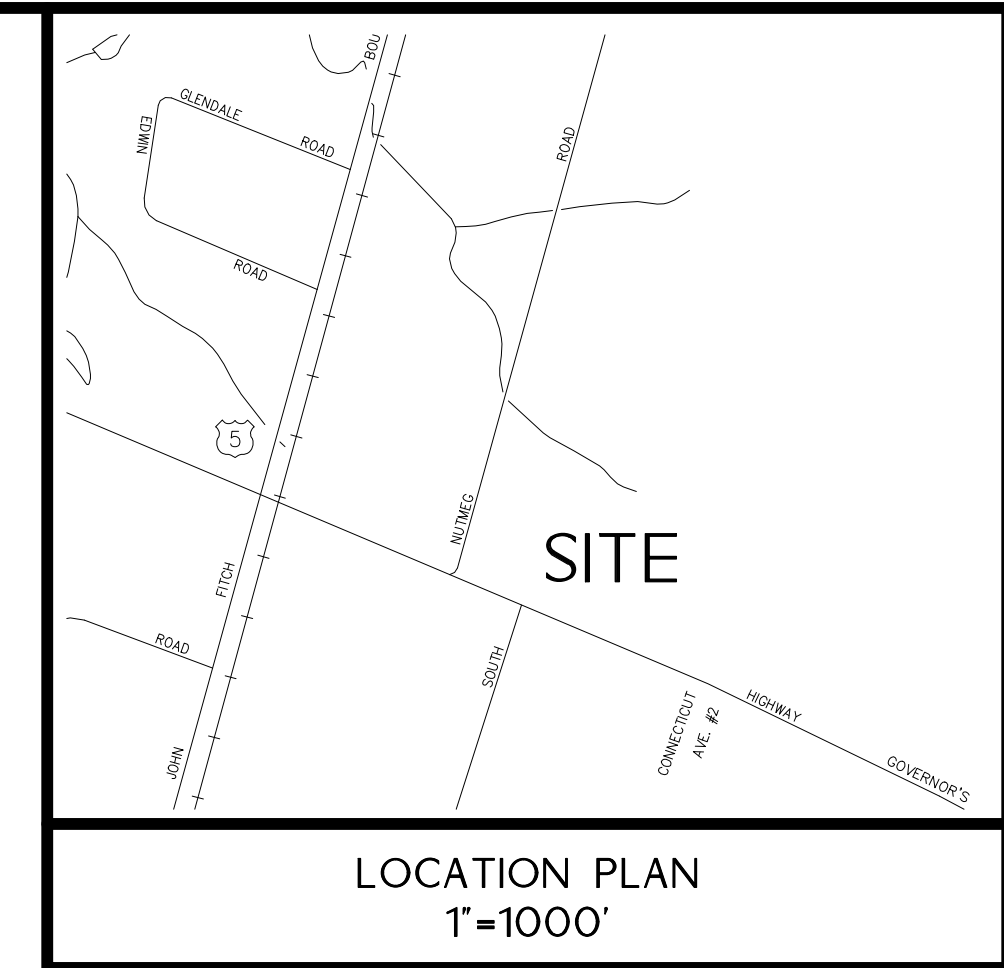
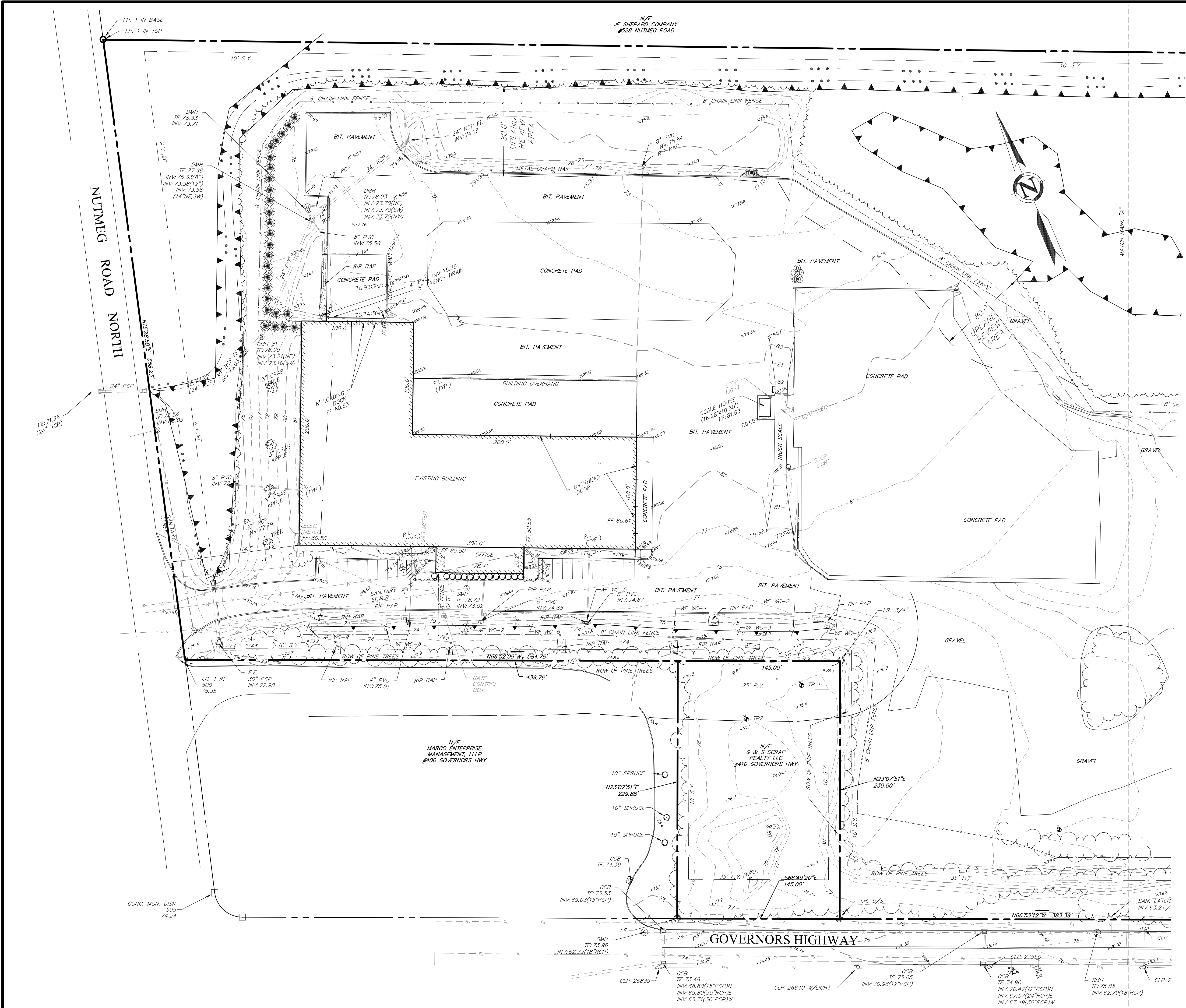
**PROPERTY OWNERS:**  
G & S SCRAP REALTY, LLC  
99 EAST RIVER DRIVE  
EAST HARTFORD, CT 06108

**APPLICANT:**  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD  
SOUTH WINDSOR, CT 06074  
860-622-7626









**NOTES:**

1. PROPERTY IS IN THE INDUSTRIAL (I) ZONE.
2. PARCEL CONTAINS 1,550,691 SQUARE FEET OR 35.599 ACRES.
3. HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD29.
4. PROPERTY DOES IS LOCATED IN FLOOD ZONE "X" AND DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 09003C0378F TOWN OF SOUTH WINDSOR, STATE OF CONNECTICUT EFFECTIVE DATE: 9-26-08 FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION.
5. WETLANDS DEPICTED EAST OF POND WITH FLAG NUMBERS WERE FLAGGED BY JMM WETLANDS ON 2/12 & 2/16/2020 AND FIELD LOCATED BY DESIGN PROFESSIONALS, INC. ON 2/21/2020. WETLANDS FLAGS DEPICTED WEST OF POND AND UN-NUMBERED WERE DELINEATED BY REMA ECOLOGICAL SERVICES, LLC ON OR BEFORE 9-21-99 AND FIELD LOCATED BY DESIGN PROFESSIONALS, INC.
6. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON 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 DESIGN PROFESSIONALS, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL 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.CBYD.COM.

**MAP REFERENCES:**

1. PLOT PLAN PREPARED FOR G&S SCRAP METAL, LLC 444 NUTMEG ROAD NORTH SOUTH WINDSOR, CONNECTICUT BY: DESIGN PROFESSIONALS DATED: 2-5-08 REV. THROUGH 6-09-08
2. PLOT PLAN / SUBDIVISION PLAN PREPARED FRO JMJ CONSTRUCTION CO, INC. 400 GOVERNORS HIGHWAY SOUTH WINDSOR CONNECTICUT BY: DESIGN PROFESSIONALS DATED: 8-20-93 REV. THROUGH 9-9-93 SCALE: 1"=40'
3. PROPOSED RESUBDIVISION QDS ESTIMATING 470 GOVERNORS HIGHWAY SOUTH WINDSOR, CONNECTICUT BY: PDS ENGINEERING & CONSTRUCTION DATED: 5-24-16 & 8-10-16 SCALE 1"=100'

**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 AN INDEPENDENT RESURVEY BASED ON MAP REFERENCE #1.
- HORIZONTAL ACCURACY MEETS CLASS A-2 STANDARDS. VERTICAL ACCURACY MEETS CLASS V-2 STANDARDS. TOPOGRAPHICAL ACCURACY MEETS CLASS T-2 STANDARDS.

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

LAWRENCE R. GEISSLER, JR., L.S. 12327 LIC. NO.

21 BEFREY DRIVE  
P.O. BOX 1167  
SOUTH WINDSOR, CT 06074  
860-291-9257 - F  
www.designprofessionalsinc.com

**design**  
**professionals**  
CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS  
GIS ANALYSTS / LANDSCAPE ARCHITECTS

PREPARED FOR:  
**BRYAN SCHILBERG**  
**PRIME MATERIAL RECOVERY**  
**444 NUTMEG ROAD NORTH**  
**SOUTH WINDSOR, CT**  
**060744**

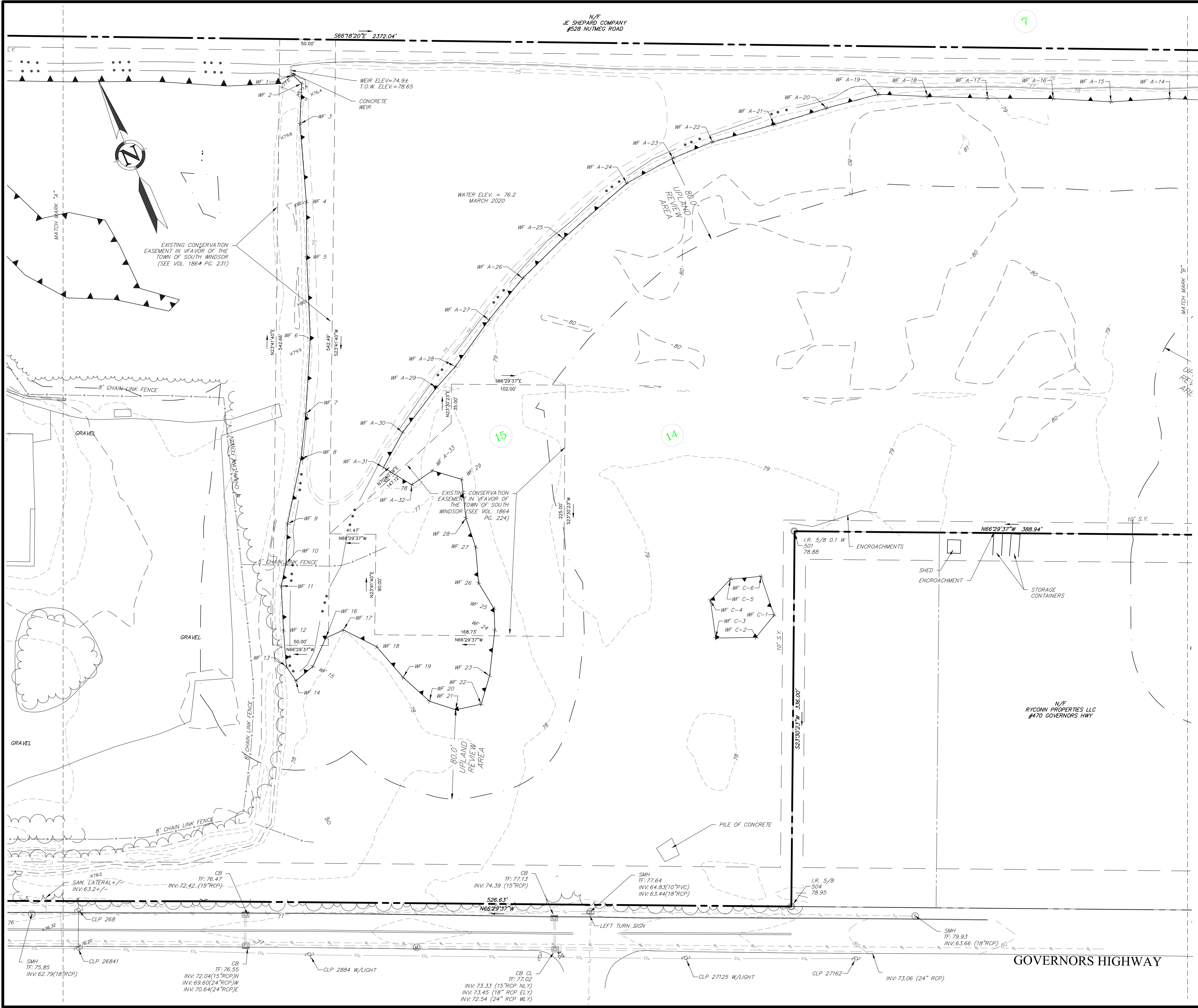
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**2509P**  
DATE:  
**2-5-2020**  
DESIGN BY:  
**LMH**  
CHECKED BY:  
**LMH**  
SCALE:  
**AS SHOWN**  
DATE:  
**10/3/2022**

**PRIME MATERIAL RECOVERY**  
**RECOVERY**  
410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD NORTH  
SOUTH WINDSOR, CONNECTICUT

**PROPERTY & TOPOGRAPHIC SURVEY**  
NO. 1 DATE 9/26/22 UPDATE TOPO & ADD 410 GOVERNORS HWY BY MHA  
REVISIONS  
1 9/26/22 UPDATE TOPO & ADD 410 GOVERNORS HWY BY MHA

SHEET  
**V-1**





- NOTES:
1. PROPERTY IS IN THE INDUSTRIAL (I) ZONE.
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- MAP REFERENCES:
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  3. PROPOSED RESUBDIVISION QDS ESTIMATING 470 GOVERNORS HIGHWAY SOUTH WINDSOR, CONNECTICUT BY: PDS ENGINEERING & CONSTRUCTION DATED: 5-24-16 & 8-10-16 SCALE 1"=100'

SURVEY NOTES:

THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-302b-1 THRU 20-302b-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.

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

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**design professionals**  
CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS  
GIS ANALYSTS / LANDSCAPE ARCHITECTS

PREPARED FOR:  
**BRYAN SCHILBERG**  
PRIME MATERIAL RECOVERY  
444 NUTMEG ROAD NORTH  
SOUTH WINDSOR, CT 060744

PROJECT NO:  
2509P  
DESIGN BY:  
2-1-2020  
DRAWN BY:  
CHECKED BY:  
DATE:  
LEG

**PRIME MATERIAL RECOVERY**  
**RECOVERY**  
410 GOVERNORS HIGHWAY & 444 NUTMEG ROAD NORTH  
SOUTH WINDSOR, CONNECTICUT

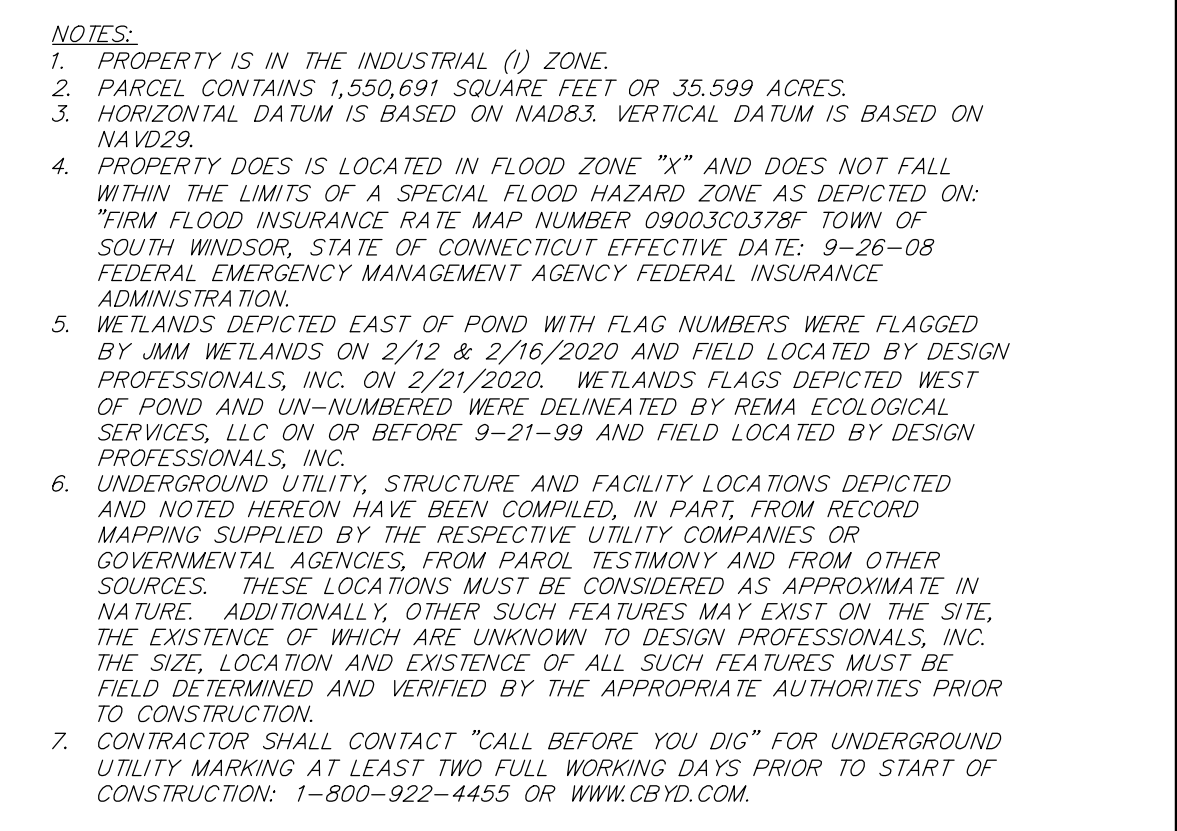
BY: MHA  
DATE: 9/26/22  
NO. 1  
REVISIONS  
UPDATE TPO & ADD 410 GOVERNORS HIGHWAY

**PROPERTY & TOPOGRAPHIC SURVEY**

SCALE: 0' 20' 40' 80'  
1" = 40'

SHEET  
**V-2**





MAP REFERENCES:

1. PLOT PLAN PREPARED FOR GAS SODAP METAL, LLC 444 NUTMEG ROAD, NORTH SOUTH WINDSOR, CONNECTICUT BY: DESIGN PROFESSIONALS DATED: 2-5-08 REV. THROUGH 6-09-08
2. PLOT PLAN / SUBDIVISION PLAN PREPARED FOR JMJ CONSTRUCTION CO., INC. KINGS HIGHWAY SOUTH WINDSOR, CONNECTICUT BY: DESIGN PROFESSIONALS DATED: 8-20-93 REV. THROUGH 9-9-93 SCALE: 1"=40'
3. PROPOSED RESUBDIVISION GDS ESTIMATING 470 GOVERNORS HIGHWAY SOUTH WINDSOR, CONNECTICUT BY: GDS ENGINEERING & CONSTRUCTION DATED: 5-24-16 & 8-10-16 SCALE 1"=100'

**SURVEY NOTES:**

THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-200B - 1 THRU 20-300B - 2 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.

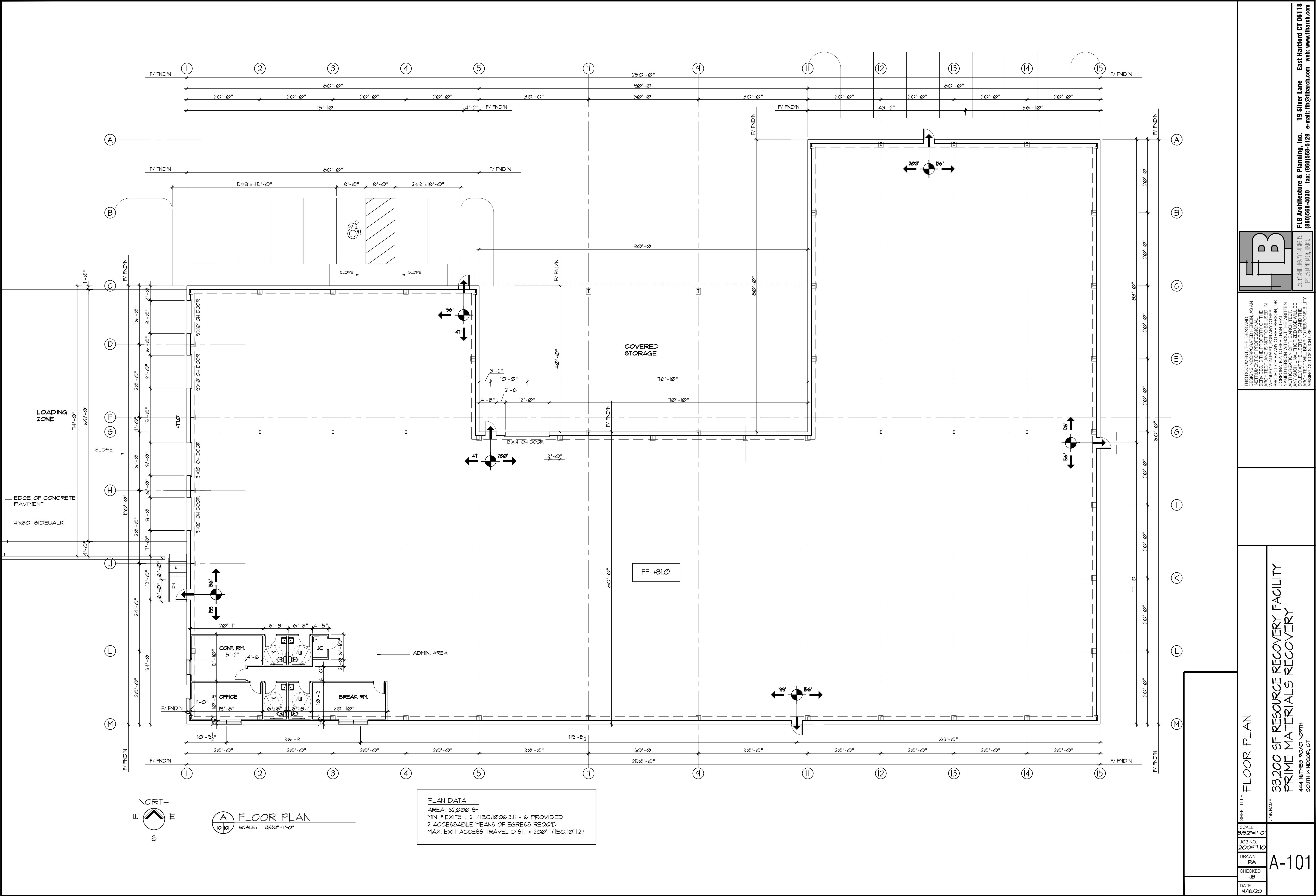
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TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED  
HEREON.

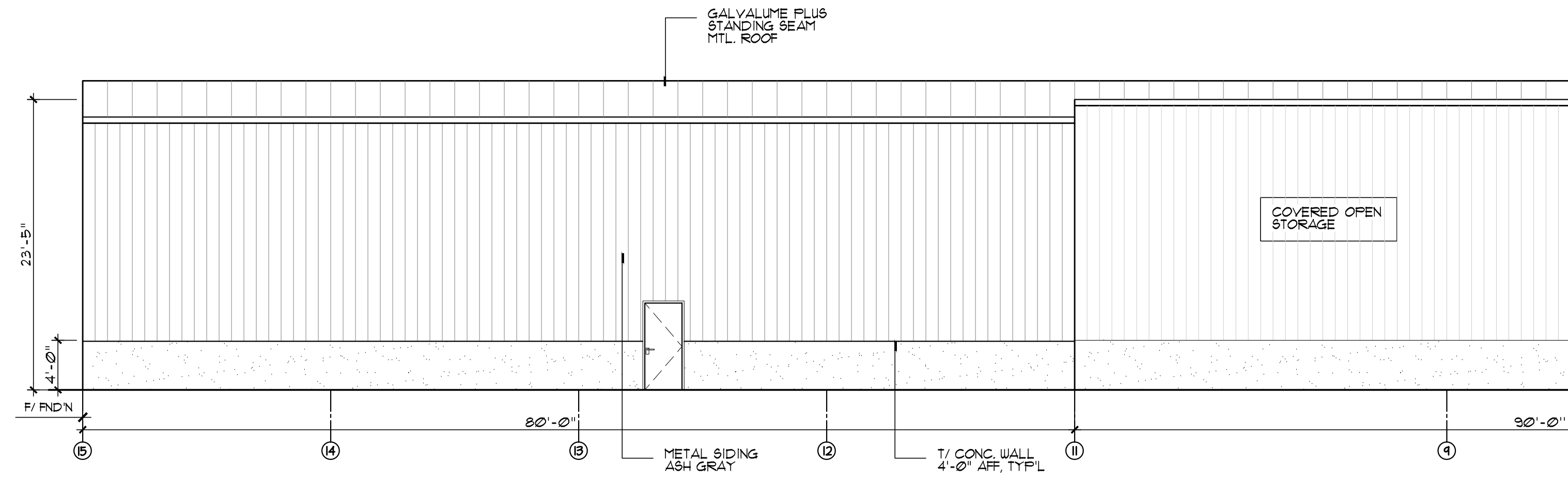
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LAWRENCE R. GEISSLER, JR., L.S.
12327  
LIC. NO.



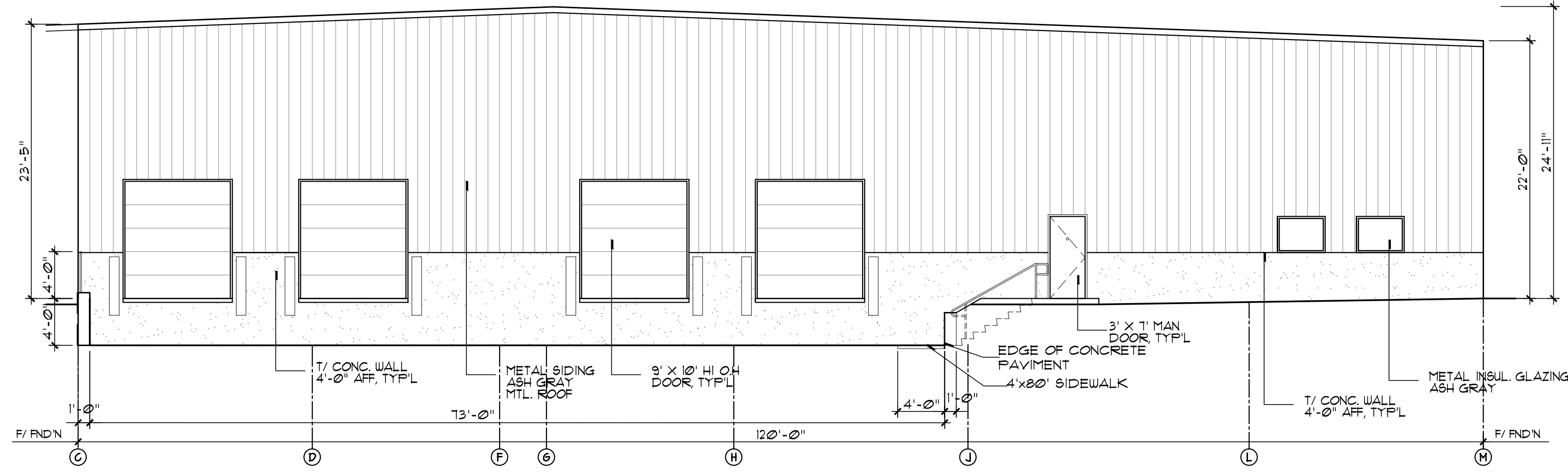






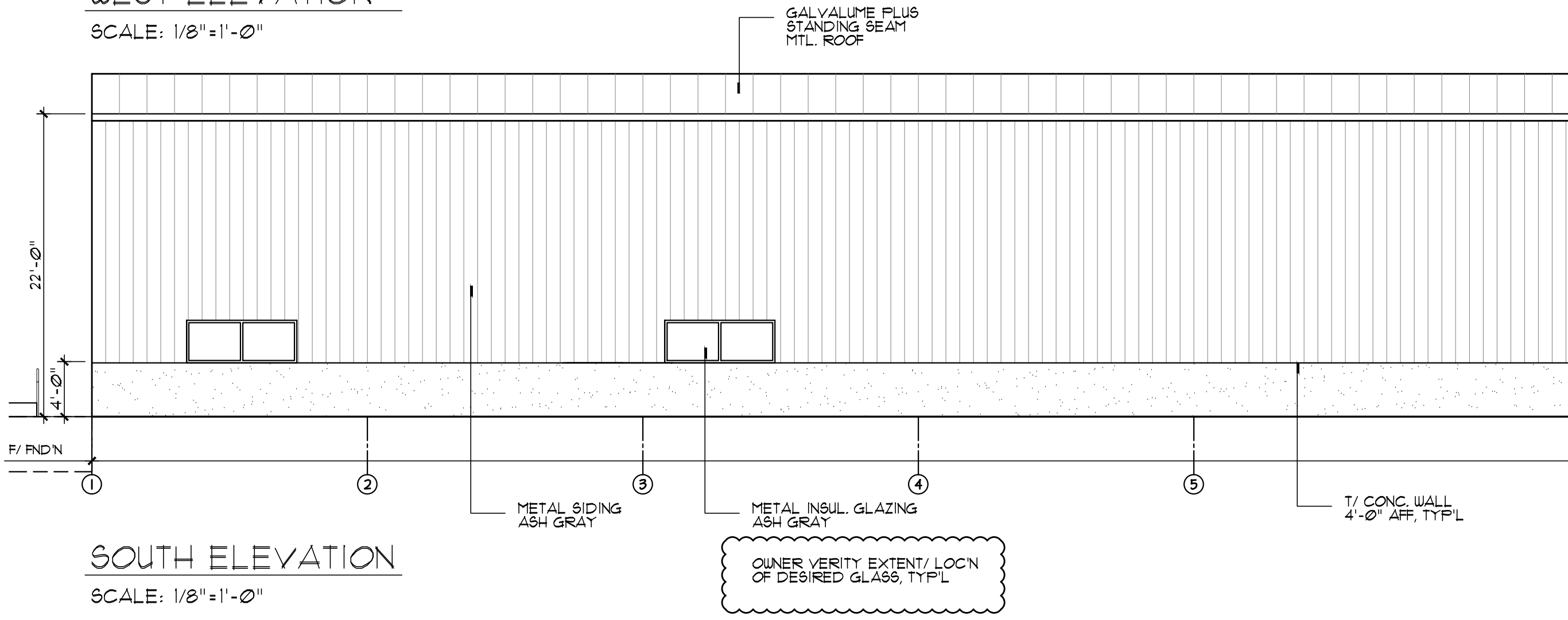
NORTH ELEVATION

SCALE: 1/8"=1'-0"



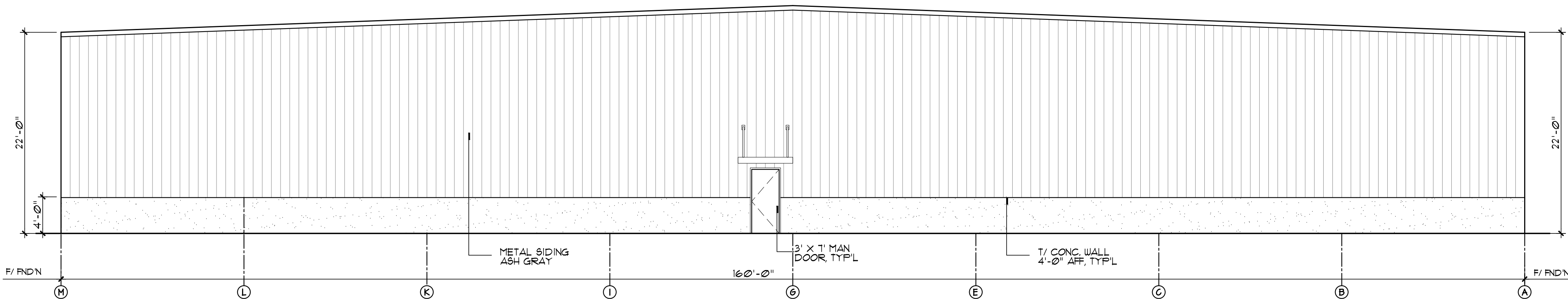
WEST ELEVATION

SCALE: 1/8"=1'-0"



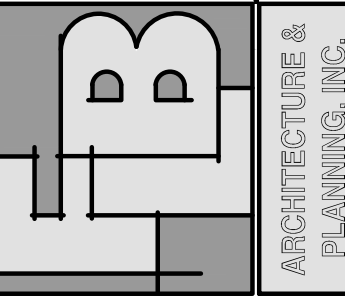
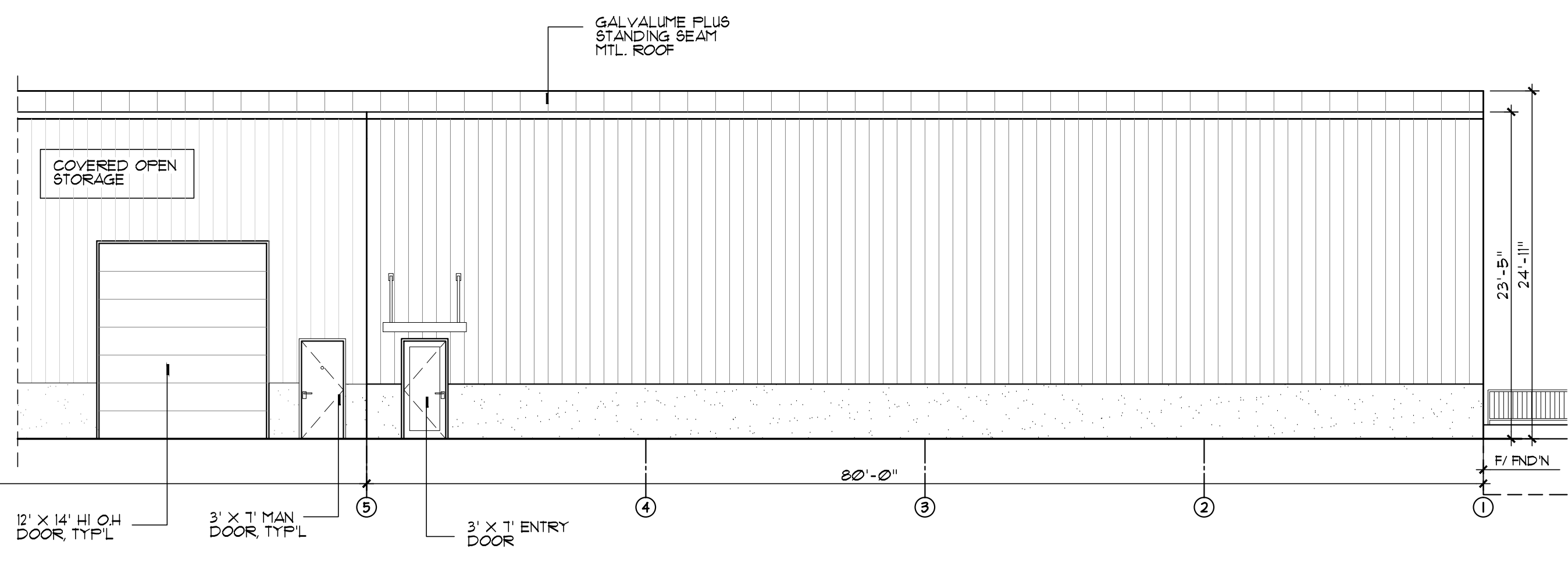
SOUTH ELEVATION

SCALE: 1/8"=1'-0"



EAST ELEVATION

SCALE: 1/8"=1'-0"



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ELEVATIONS

33,200 SF RESOURCE RECOVERY FACILITY  
PRIME MATERIALS RECOVERY  
444 NUTMEG ROAD NORTH  
SOUTH BRIDGEMAN, CT

SCALE: 1/8"=1'-0"  
JOB NO. 200941.10  
DRAWN RA  
CHECKED JB  
DATE 9/16/20

A-201

FLB ARCHITECTURE & PLANNING, INC. 19 Silver Lane East Hartford CT 06118  
(860)568-4030 fax: (860)568-5129 e-mail: flb@flbarch.com web: www.flbarch.com