

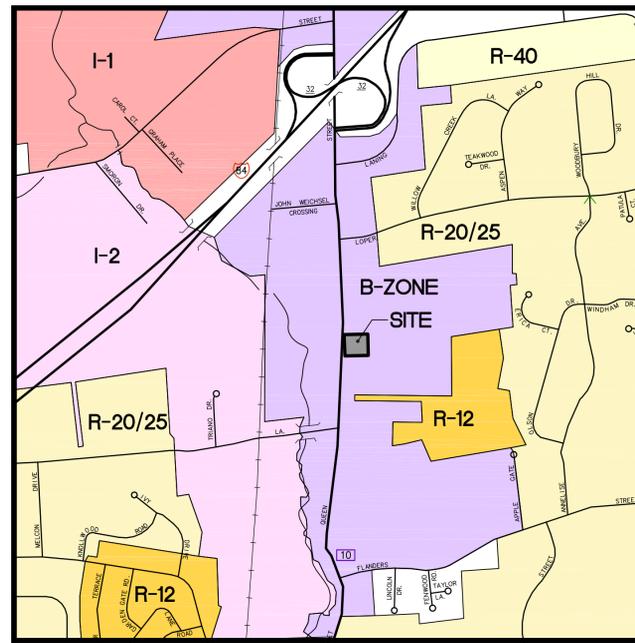
SITE PLAN APPLICATION

FOR

Aroma Joe's®

**ON PROPERTY OF
279 QUEEN STREET, LLC
279 QUEEN STREET
SOUTHINGTON, CONNECTICUT
ASSESSORS PARCEL #157027**

SUBMIT: MAY 14, 2024



LOCATION MAP

SCALE: 1" = 1,000'

OWNER

279 QUEEN ST LLC
325 WINDING RIDGE
SOUTHINGTON, CT 06489
Email: dqct03@gmail.com

APPLICANT & DEVELOPER

Java Junction, LLC
91 Daisy Circle
Bristol, CT 06010
Attn.: Mark MacGregor
Email: markwmacgregor@gmail.com

SHEET INDEX

SHEET #	DRAWING TITLE
1	EXISTING CONDITIONS/SITE SURVEY
2	SITE DEMOLITION PLAN
3	ZONING IMPROVEMENT SURVEY/SITE LAYOUT PLAN
4	SITE GRADING AND DRAINAGE PLAN
5	SITE UTILITIES PLAN
6	EROSION AND SEDIMENT CONTROL PLAN
7	GENERAL NOTES
8	EROSION AND SEDIMENT CONTROL NOTES
9-14	SITE DETAILS
LS-1	SITE LANDSCAPING PLAN
PH-1	SITE LIGHTING PLAN
A100	FLOOR PLAN
A200	EXTERIOR ELEVATIONS

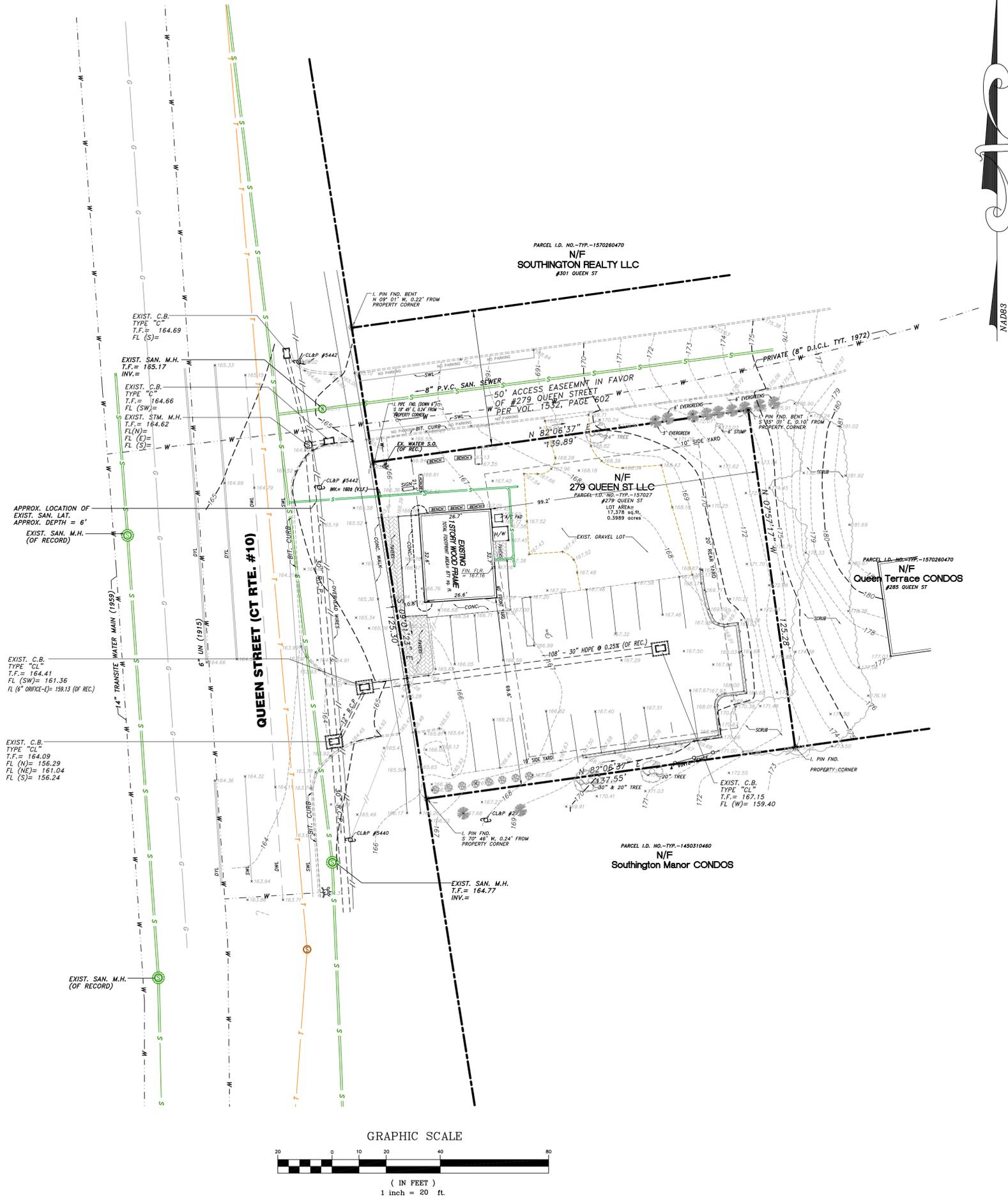
REVISIONS

NO.	DATE	DESCRIPTION	BY
1	6/4/24	PER TOWN COMMENT	JMP



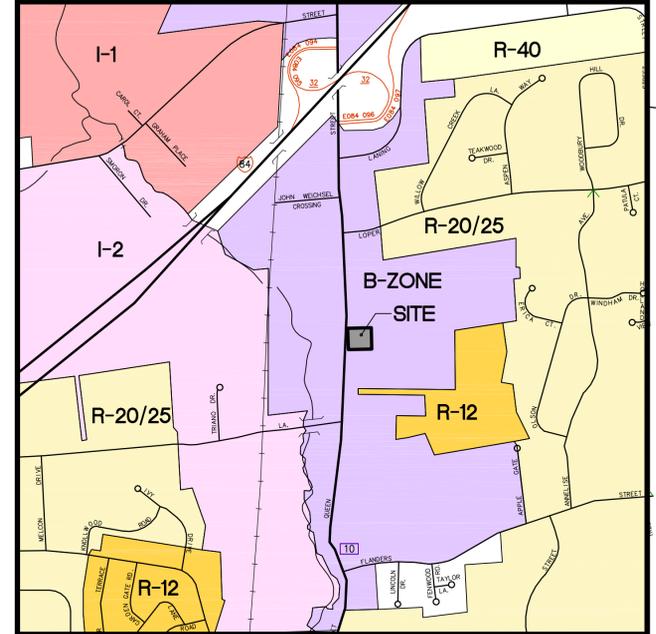
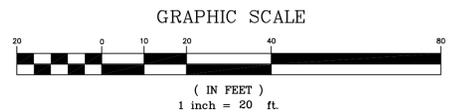
HALLISEY, PEARSON & CASSIDY

CIVIL ENGINEERS & LAND SURVEYORS
630 MAIN STREET, UNIT 1A
CROMWELL, CONNECTICUT



LEGEND

	EXISTING PROPERTY LINE
	EXISTING EDGE OF PAVEMENT
	IRON PIN OR IRON PIPE FOUND
	CONC. MERESTONE OR CHD FND.
	EXISTING TREE LINE
	EXISTING CONTOUR
	EXISTING SPOT GRADE
	EXISTING TELEPHONE POLE
	EXISTING BIT. CURB
	EXISTING STORM DRAINAGE SYSTEM
	EXISTING WATER MAIN
	EXISTING SANITARY SEWER
	EXISTING GAS MAIN
	LIMITS OF WETLANDS PER 2002 MASTER PLAN
	LIMITS OF DELINEATED WETLANDS
	EDGE OF WATER COURSE
	LIMITS OF 50' UPLANDS REVIEW AREA
	TEST PIT LOCATION
	EXISTING FENCE
	SOIL TYPE LINE
	SOIL TYPE LINE #



NOTES:

- SURVEY NOTES:**
 - This survey has been prepared pursuant to the Regulation of Connecticut State Agencies Section 20-300B-1 Through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996.
 - Type Of Survey is PROPERTY & TOPOGRAPHIC SURVEY
 - Boundary Determination Category is RESURVEY
 - Class of Accuracy is :HOR.-"A-2", "T-2" VERT., "V-2" VERT
- PROPERTY IS ZONED:** "B" DISTRICT (BUSINESS)
- LOT 1 AREA:** 17,386 sq.ft or 0.3991 acres.
- MAP REFERENCES:**
 - "SITE PLAN IMPROVEMENT LOCATION SURVEY - PROPOSED PREPARED FOR WINSTON CONSULTING, LLC 279 QUEEN STREET, SOUTHINGTON, CONNECTICUT DATED APRIL 28, 2023, SCALE: 1" = 20', PREPARED BY: HARRY E. COLE & SON"
 - "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF SOUTHINGTON NORTH MAIN & QUEEN STREET FROM CHAPMAN ST. NORTHERLY ABOUT 11,770 FEET. ROUTE NO. 10., APPROVED DATE: JULY 31, 1940"
 - "SOUTHINGTON MANOR CONDOMINIUM 273 QUEEN STREET SOUTHINGTON, CONNECTICUT, SOUTHINGTON MANOR, INC. DECLARANT PREPARED BY: CAHN, INC. DATE: MARCH 1984, SCALE: 1" = 30'
 - "QUEEN STREET CONDOMINIUM SOUTHINGTON, CONNECTICUT DATE: AUGUST 1972, SCALE: 1" = 200'. PREPARED BY: KRATZERT & JONES CIVIL ENGINEERS-LAND SURVEYORS-SITE PLANNERS
 - "MAP SHOWING PORTION OF PROPERTY OF GUSTAV TEWS SOUTHINGTON, CONN., DATE: JUNE 1951, SCALE: 1" = 50' PREPARED BY: W.C. LEFEREIRE, C.E."
- PROPERTY MAY BE BURDENED AND/OR BENEFITED BY RECORDED AND/OR UNRECORDED EASEMENTS.**
- 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 FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO HALLISEY, PEARSON AND CASSIDY ENGINEERING ASSOCIATES. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 811."
- ELEVATIONS** BASED ON NAVD 88. CONTOUR INTERVAL=2 FOOT.
- THE PROPERTY LIES WITHIN A FLOOD ZONE "X" (AREA OF LIMINAL FLOOD HAZARD)** AS SHOWN ON FIRM MAP 09003C06701G, EFFECTIVE DATE OF 05/16/2017.

LOT ZONING INFORMATION BULK TABLE: BUSINESS (B) - SECTION: 2.D

ZONE: "B" DISTRICT (BUSINESS)	REQUIRED	EXISTING
USE		
MINIMUM LOT AREA (sq. ft.)	20,000 sq. ft.	*17,386 sq.ft
Minimum Frontage (feet)	100'	125.30'
Minimum Yard Setbacks (feet)		
- Minimum Front Yard	40'	810.8'
- Minimum Side Yard	10' (40' if adjacent to residential zone)	21.2' / 69.3'
- Minimum Rear Yard	20' (40' if adjacent to residential zone)	99.2'
Maximum Lot Coverage (%)	25%	871 sq.ft./17,386 sq.ft = 5.0%
Maximum Height		
- Stories	3	1
- Feet	40'	18'±

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

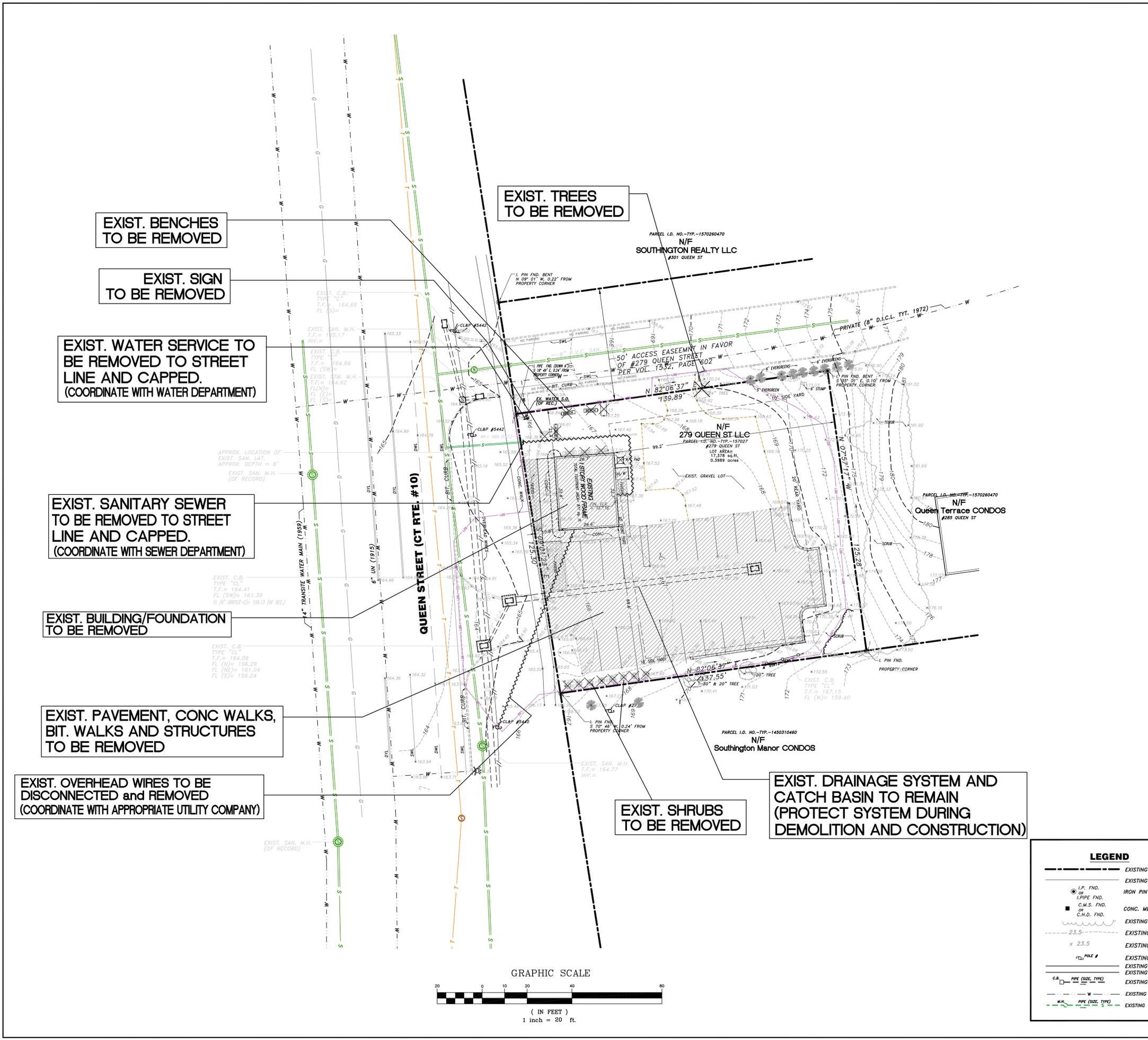
Paul A. Hallisey
PAUL A. HALLISEY, L.S. LIC. NO. 7761 DATE: APRIL 22, 2024

THIS DOCUMENT AND COPIES THEREOF ARE VALID ONLY IF THEY BEAR THE SIGNATURE AND EMBOSSED SEAL OF THE DESIGNATED LICENSED PROFESSIONAL. UNAUTHORIZED ALTERATIONS TO THIS PLAN RENDER THE DECLARATION HEREON NULL AND VOID. VALID ONLY ON MAPS BEARING EMBOSSED SURVEYOR'S SEAL.

CHECKED BY: J.M.P./L.H.
DATE: MAY 08, 2024
JOB No.: 3532
ACAD FILE: 3532-Z1
SCALE: 1" = 20'
DRAWN BY: J.P.C.
SHEET: 1 OF 14
REVISIONS: JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
CIVIL ENGINEERS & LAND SURVEYORS
630 MAIN STREET, UNIT #1A
CROWELL, CONNECTICUT 06416
PHONE: (860)-529-6812, FAX: (860)-721-7709

PROPERTY/TOPOGRAPHIC SURVEY
SHOWING EXISTING CONDITIONS
PREPARED FOR
Arma Joe's
PREPARED FOR
Java Junction, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHINGTON, CONNECTICUT



EXIST. BENCHES TO BE REMOVED

EXIST. SIGN TO BE REMOVED

EXIST. WATER SERVICE TO BE REMOVED TO STREET LINE AND CAPPED.
(COORDINATE WITH WATER DEPARTMENT)

EXIST. SANITARY SEWER TO BE REMOVED TO STREET LINE AND CAPPED.
(COORDINATE WITH SEWER DEPARTMENT)

EXIST. BUILDING/FOUNDATION TO BE REMOVED

EXIST. PAVEMENT, CONC WALKS, BIT. WALKS AND STRUCTURES TO BE REMOVED

EXIST. OVERHEAD WIRES TO BE DISCONNECTED and REMOVED
(COORDINATE WITH APPROPRIATE UTILITY COMPANY)

EXIST. TREES TO BE REMOVED

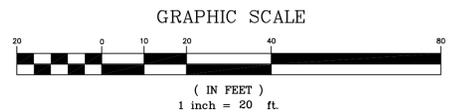
EXIST. SHRUBS TO BE REMOVED

EXIST. DRAINAGE SYSTEM AND CATCH BASIN TO REMAIN
(PROTECT SYSTEM DURING DEMOLITION AND CONSTRUCTION)

- GENERAL NOTE FOR SITE PREPARATION**
- PRIOR TO ANY CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ESTABLISH ADEQUATE LAYOUT AND GRADING INFORMATION FOR PROPOSED WORK TO ALLOW FOR THE EVALUATION OF ITS RELATIONSHIP TO EXISTING SITE FEATURES AND VEGETATION. IF REQUIRED, FIELD MODIFICATIONS SHALL BE MADE AS AUTHORIZED BY THE ENGINEER TO ADDRESS EXISTING SITE CONDITIONS.
 - SITE LAYOUT & PROPOSED GRADES ARE TO BE STAKED IN THE FIELD AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO THE BEGINNING OF THE CONSTRUCTION OPERATIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INSIDE AND OUTSIDE THE PROPERTY LIMIT LINE DUE TO CONSTRUCTION OPERATIONS FROM THIS PROJECT.
 - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD BEFORE BEGINNING ANY EXCAVATION. CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" - 811 - AT LEAST 72 HOURS PRIOR TO START OF WORK.
 - THE CONTRACTOR SHALL MAINTAIN ACCESS TO FIRE HYDRANTS AND SITE FOR EMERGENCY SERVICES AT ALL TIMES.
 - THE CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.
 - INSTALL SEDIMENT AND EROSION CONTROL MEASURES AT THE DIRECTION OF THE ENGINEER AND IN ACCORDANCE WITH THE STATE OF CONNECTICUT GUIDELINES FOR SEDIMENT AND EROSION CONTROL.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO COMMENCEMENT OF DEMOLITION.
 - MATERIAL STAGING AREAS SHALL BE ESTABLISHED IN COORDINATION WITH THE OWNER, OR THEIR REPRESENTATIVE AT THE SITE.
 - CONTAMINATED SOILS, IF ENCOUNTERED, SHALL BE STOCKPILED ON-SITE (SEE PREVIOUS NOTE) AT THE DIRECTION OF THE ENGINEER, PRIOR TO OFF-SITE DISPOSAL/RECYCLING.
 - BACKFILL AND SUBGRADE SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY. PERCENT COMPACTING SHALL BE DEFINED AS THE RATIO OF THE FIELD DRY DENSITY, DETERMINED BY ASHTO 1180 (METHOD D), TO THE MAXIMUM DRY DENSITY.

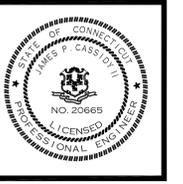
LEGEND

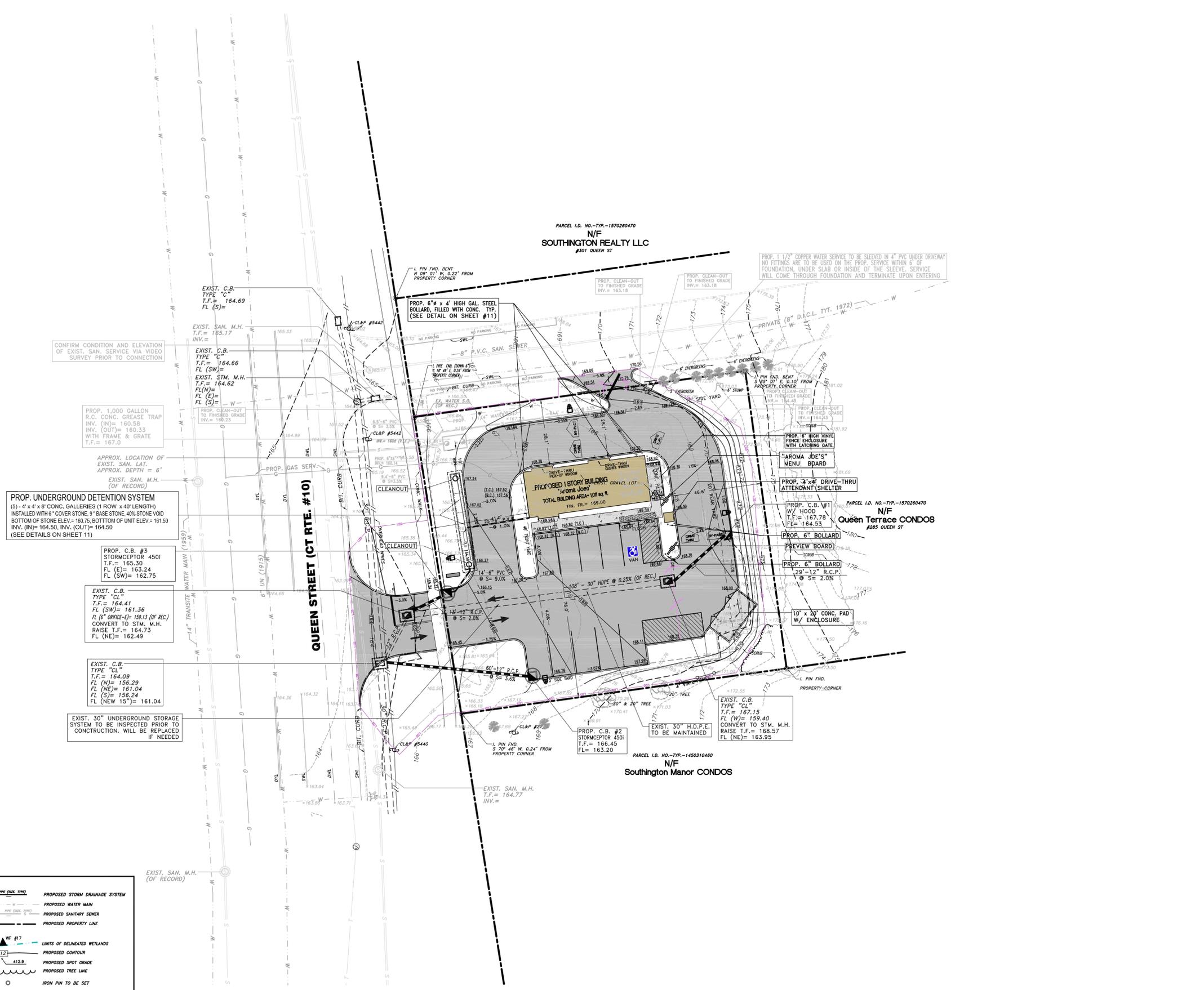
---	EXISTING PROPERTY LINE	- - - - -	EXISTING GAS MAIN
--- ---	EXISTING EDGE OF PAVEMENT	OH---OH---OH	EXISTING OVERHEAD WIRES
●	I.P. FND.	---	LIMITS OF FLAGGED WETLANDS
○	I.PIPE FND.	---	LIMITS OF 100' UPLANDS REVIEW AREA
■	C.M.S. FND.	---	EXISTING FENCE
■	C.H.D. FND.	---	EXISTING BUILDING, PAVEMENT, PAVERS AND CONC. TO BE REMOVED
~	EXISTING TREE LINE	---	EXISTING TREES & STRUCTURE TO BE REMOVED
---	EXISTING CONTOUR	---	EXISTING STRUCTURE AND PIPE TO BE REMOVED
x 23.5	EXISTING SPOT GRADE	---	LIMITS OF DISTURBANCE
○	EXISTING TELEPHONE POLE		
---	EXISTING BIT. CURB		
---	EXISTING CONC. CURB		
---	EXISTING STORM DRAINAGE SYSTEM		
---	EXISTING WATER MAIN		
---	EXISTING SANITARY SEWER		



HALLISEY, PEARSON & CASSIDY
 CIVIL ENGINEERS & LAND SURVEYORS
 630 MAIN STREET, UNIT #1A
 CROWELL, CONNECTICUT 06416
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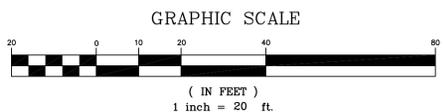
SITE DEMOLITION PLAN
 PREPARED FOR
Arroma Joe's
 PREPARED FOR
Java Junction, LLC
 #279 QUEEN STREET (CT RTE. #10)
 SOUTHTON, CONNECTICUT





SEE SHEET #7 FOR SITE NOTES

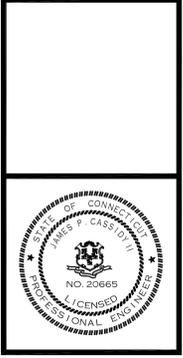
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	EXISTING WATER MAIN
	EXISTING SANITARY SEWER
	EDGE OF WATERCOURSE
	SOIL TEST LOCATION
	LIMITS OF 50' UPLANDS REVIEW AREA
	EXISTING FENCE
	PROPOSED STORM DRAINAGE SYSTEM
	PROPOSED WATER MAIN
	PROPOSED SANITARY SEWER
	PROPOSED PROPERTY LINE
	LIMITS OF DELINEATED WETLANDS
	PROPOSED CONTOUR
	PROPOSED SPOT GRADE
	PROPOSED TREE LINE
	IRON PIN TO BE SET
	CONC. MERESTONE TO BE SET
	PROPOSED "CAPE COD" BIT. CURBING
	PROPOSED BIT. PAVEMENT
	PROPOSED CONCRETE

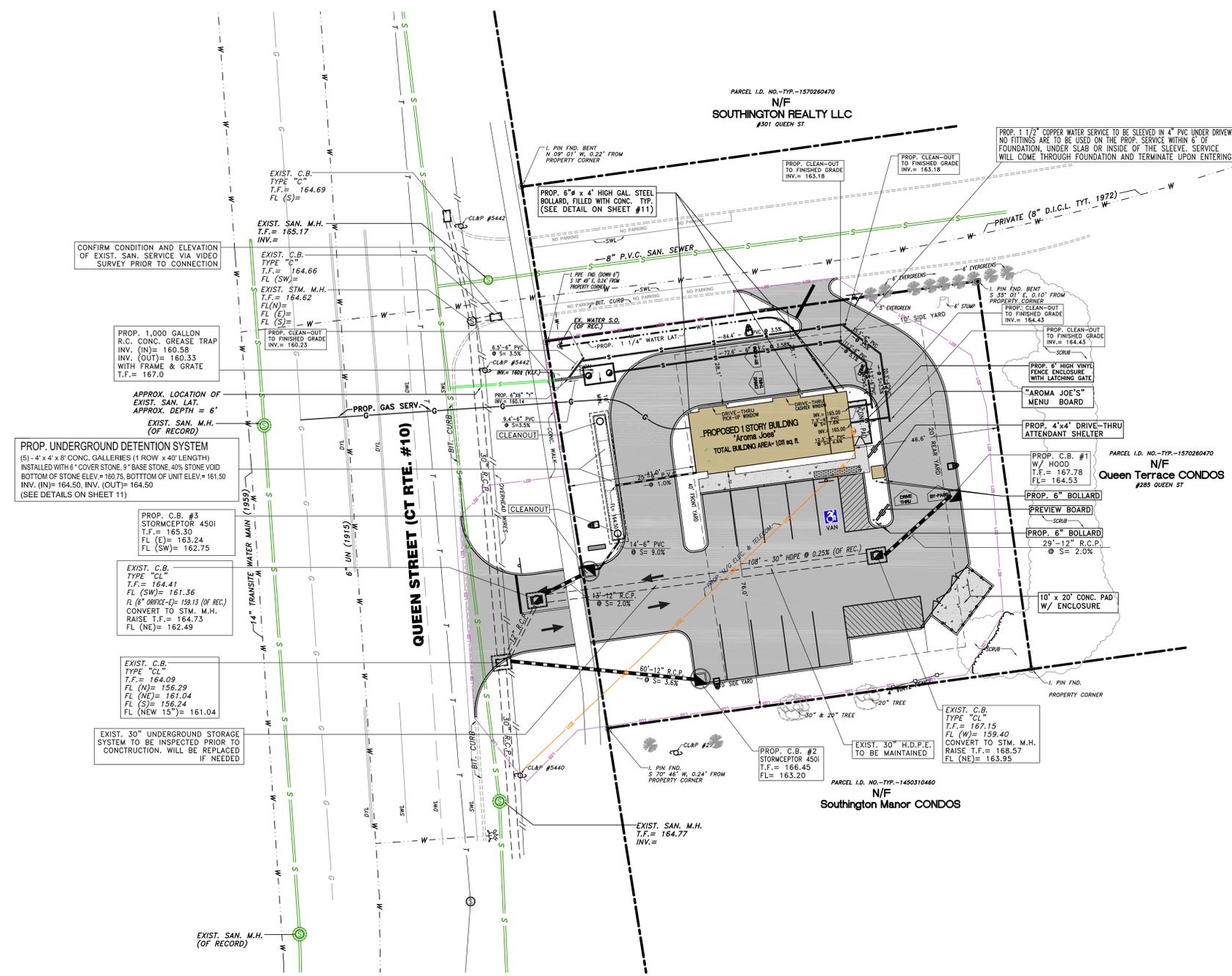


SCALE: 1" = 20'
 CHECKED BY: J.M.P./J.L.K.
 DATE: MAY 08, 2024
 DRAWN BY: J.P.C.
 JOB No.: 3532
 ACAD FILE: 3532-SG
 SHEET: 4 OF 14
 REVISIONS:
 JUNE 04, 2024 PER TOWN COMMENT

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SITE GRADING & DRAINAGE PLAN
 PREPARED FOR
Arroma Joe's
 PREPARED FOR
Java Junction, LLC
 #279 QUEEN STREET (CT RTE. #10)
 SOUTHTON, CONNECTICUT





CONFIRM CONDITION AND ELEVATION OF EXIST. SAN. SERVICE VIA VIDEO SURVEY PRIOR TO CONNECTION

PROP. 1,000 GALLON R.C. CONC. GREASE TRAP INV. (N)= 160.58 INV. (OUT)= 160.33 WITH FRAME & GRATE T.F.= 167.0

APPROX. LOCATION OF EXIST. SAN. LAT. APPROX. DEPTH = 6' EXIST. SAN. M.H. (OF RECORD)

PROP. UNDERGROUND DETENTION SYSTEM (5' - 4' x 4' x 8' CONC. GALLERIES (1 ROW x 40' LENGTH) INSTALLED WITH 6" COVER STONE, 3" BASE STONE, 40% STONE VOID BOTTOM OF STONE ELEV= 160.75, BOTTOM OF UNIT ELEV= 161.50 INV. (IN)= 164.50, INV. (OUT)= 164.50 (SEE DETAILS ON SHEET 11)

PROP. C.B. #3 STORMCEPTOR 4501 T.F.= 165.50 FL (E)= 163.24 FL (SW)= 162.75

EXIST. C.B. TYPE "CL" T.F.= 164.41 FL (SW)= 161.36 FL (N)= 161.36 FL (NE)= 161.04 (OF REC.) CONVERT TO STM. M.H. RAISE T.F.= 164.73 FL (NE)= 162.49

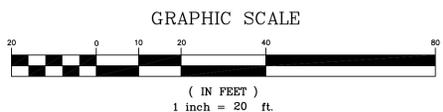
EXIST. C.B. TYPE "CL" T.F.= 164.09 FL (N)= 156.29 FL (NE)= 161.04 FL (S)= 156.24 FL (NEW 15")= 161.04

EXIST. 30" UNDERGROUND STORAGE SYSTEM TO BE INSPECTED PRIOR TO CONSTRUCTION. WILL BE REPLACED IF NEEDED

EXIST. SAN. M.H. (OF RECORD)

SEE SHEET #7 FOR SITE NOTES

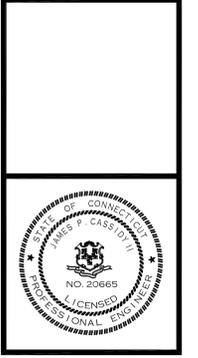
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	EXISTING SANITARY SEWER
	EDGE OF WATERCOURSE
	SOIL TEST LOCATION
	LIMITS OF 50' UPLANDS REVIEW AREA
	EXISTING FENCE
	PROPOSED STORM DRAINAGE SYSTEM
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	PROPOSED SANITARY SEWER
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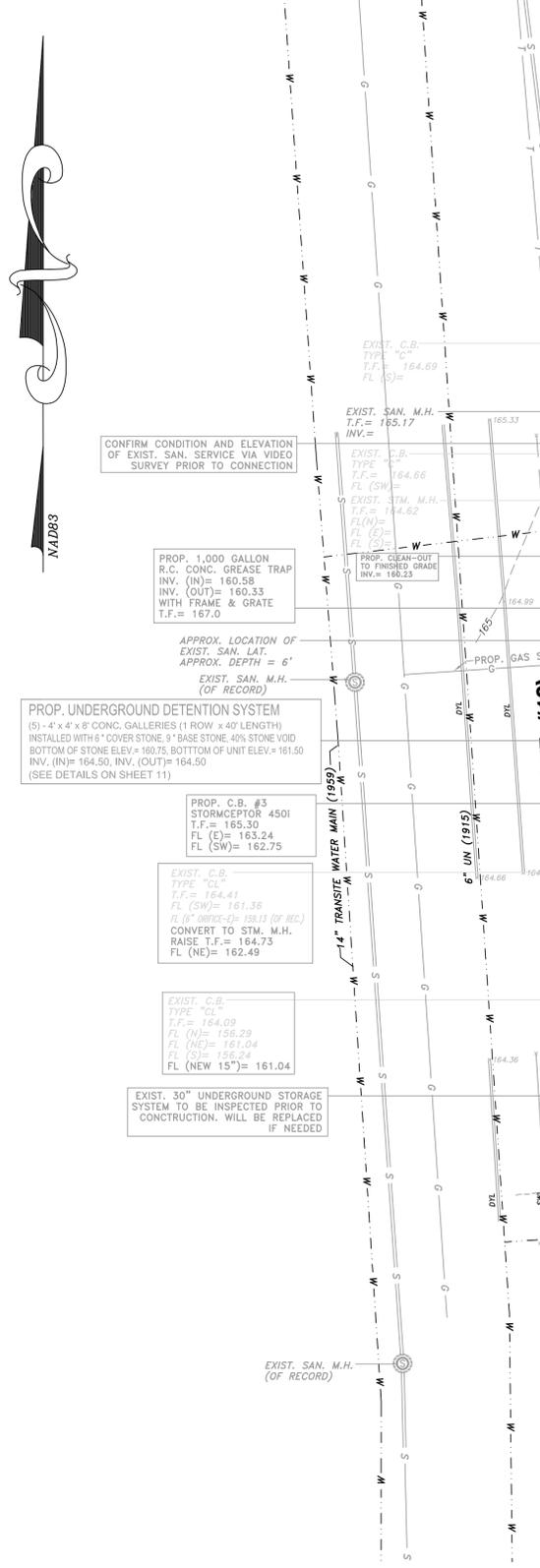
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SITE UTILITIES PLAN
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 #279 QUEEN STREET (CT RTE. #10)
 SOUTHTON, CONNECTICUT





NAD83

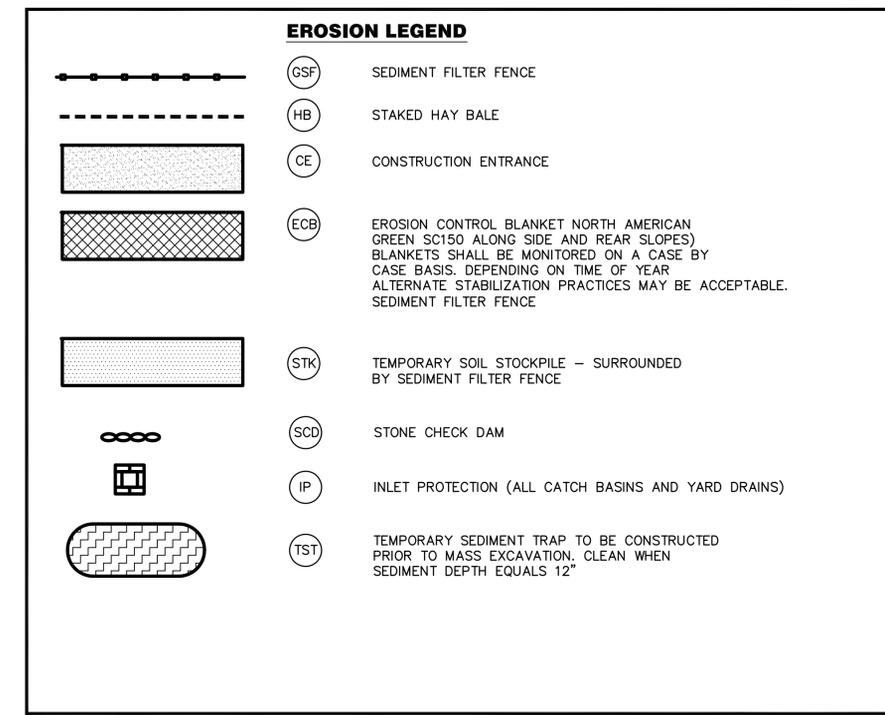


QUEEN STREET (CT RTE. #10)

PARCEL I.D. NO.-TYP.-1570260470
N/F
SOUTHINGTON REALTY LLC
#301 QUEEN ST

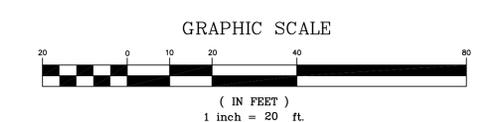
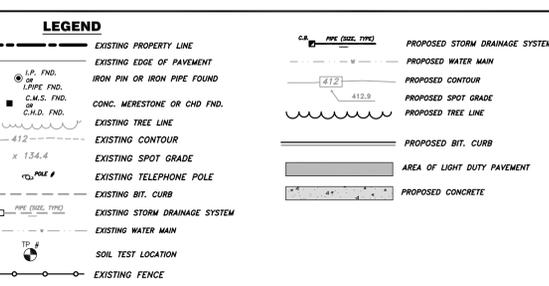
PARCEL I.D. NO.-TYP.-1570260470
N/F
Queen Terrace CONDOS
#285 QUEEN ST

PARCEL I.D. NO.-TYP.-1450310460
N/F
Southington Manor CONDOS



EROSION LEGEND

- (GSF) SEDIMENT FILTER FENCE
- (HB) STAKED HAY BALE
- (CE) CONSTRUCTION ENTRANCE
- (ECB) EROSION CONTROL BLANKET NORTH AMERICAN GREEN SC150 (ALONG SIDE AND REAR SLOPES) BLANKETS SHALL BE MONITORED ON A CASE BY CASE BASIS. DEPENDING ON TIME OF YEAR ALTERNATE STABILIZATION PRACTICES MAY BE ACCEPTABLE. SEDIMENT FILTER FENCE
- (STK) TEMPORARY SOIL STOCKPILE - SURROUNDED BY SEDIMENT FILTER FENCE
- (SCD) STONE CHECK DAM
- (IP) INLET PROTECTION (ALL CATCH BASINS AND YARD DRAINS)
- (TST) TEMPORARY SEDIMENT TRAP TO BE CONSTRUCTED PRIOR TO MASS EXCAVATION. CLEAN WHEN SEDIMENT DEPTH EQUALS 12"



SEE SHEET #8 FOR EROSION + SEDIMENT CONTROL NOTES

EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
TEMPORARY SEDIMENT TRAP (TST)	-DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW A MAJORITY OF THE SEDIMENT TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES 3/4 OF THE REQUIRED WET STORAGE.	-TURBID WATER -EXCESSIVE SEDIMENT ACCUMULATION -OVERTOPPING EVIDENCE	TST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
TEMPORARY SEDIMENT BASIN (DETENTION BASIN) (SB/PST)	-INTERCEPT/RETAIN SEDIMENT DURING CONSTRUCTION. PREVENT TRANSPORT AND DEPOSITION OF SEDIMENT OFF CONSTRUCTION SITE.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO 3/4 OF THE WET STORAGE CAPACITY OR WHEN DEPTH OF AVAILABLE POOL IS REDUCED TO 18". PLACE STAKES OR OTHER MEANS TO INDICATE THE THRESHOLD ELEVATION FOR SEDIMENT CLEANOUT.	-TURBID WATER -EXCESSIVE SEDIMENT ACCUMULATION -OVERTOPPING EVIDENCE -EROSION OF EMBANKMENTS	TEMPORARY SEDIMENT BASINS THAT ARE NOT TO FUNCTION AS PERMANENT DETENTION BASINS MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
SILT FENCE (GSF) (RELATED: IP/STK)	-INTERCEPT AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT FROM SMALL DISTURBED AREAS. -DECREASE VELOCITY OF SHEET FLOW. -PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO 3/4 OF THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS.	-PHYSICAL DAMAGE OR DECOMPOSITION -EVIDENCE OF OVERTOPPING OR UNDERCUT FENCE -EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE. -REPETITIVE FAILURE	SILT FENCE MAY BE REMOVED AFTER UPFILL AND SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED.
CONSTRUCTION ENTRANCE (CE)	-REDUCE THE TRACKING OF SEDIMENT OFF-SITE ON TO PAVED SURFACES.	INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ON TO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE IMMEDIATELY REMOVED.	-SEDIMENT IN ROADWAY ADJACENT TO SITE	CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
CATCH BASIN INLET PROTECTION (IP)	-PROHIBIT SILT IN CONSTRUCTION RELATED RUNOFF FROM ENTERING STORM DRAINAGE SYSTEM.	INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE THAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE AND HAY BALES PER NOTED ABOVE.	-RIPPED BAG -FAILED HAY BALES/SILT FENCE -SIGNIFICANT SILT PRESENCE IN STORM DRAINAGE SYSTEM OUTFLOW	INLET PROTECTION MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
STOCKPILE PROTECTION (STK)	-RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED AND REDUCE WATER TRANSPORT.	INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE NECESSARY.	-EVIDENCE OF STOCK PILE DIMINISHING DUE TO RAIN EVENTS -FAILURE OF SILT FENCE	STOCKPILE PROTECTION MAY BE REMOVED ONCE THE STOCKPILE IS USED OR REMOVED.
DUST PROTECTION (DC)	-TO PREVENT MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, WHICH MAY CAUSE BOTH OFF-SITE AND ON-SITE DAMAGES, BE A HEALTH HAZARD TO HUMANS, WILDLIFE, AND PLANT LIFE, OR CREATE A HAZARD BY REDUCING TRAFFIC VISIBILITY.	USE MECHANICAL SWEEPING DAILY ON PAVED AREAS WHERE DUST AND FINE MATERIALS ACCUMULATE. IF HEAVILY TRAFFICED AND SEDIMENT ACCUMULATES QUICKLY, PERIODICALLY MOISTEN UNPAVED TRAVEL WAYS TO CONTROL DUST WHEN EVIDENCE OF AIRBORNE DUST.	-AIRBORNE DUST	REPEAT APPLICATION OF DUST CONTROL MEASURES UNTIL ALL AREAS ARE PERMANENTLY STABILIZED, VEGETATED, AND PAVED, OR AS LONG AS THERE IS AIRBORNE DUST.

CHECKED BY: J.M.P./J.L.K.
SCALE: 1" = 20'
DATE: MAY 08, 2024
JOB No.: 3532
ACAD FILE: 3532-ES
SHEET: 6 OF 14
REVISIONS: NONE
JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
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630 MAIN STREET, UNIT #1A
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EROSION & SEDIMENT CONTROL PLAN
PREPARED FOR
Arroma Joe's
PREPARED FOR
Java Junction, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHINGTON, CONNECTICUT



SITE PLAN NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH TOWN OF SOUTHTON, STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL TOWN CONSTRUCTION PERMITS, INCLUDING DOT PERMITS AND SEWER AND WATER CONNECTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- REFER TO OTHER PLANS, DETAILS AND NOTES FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE SITE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFORMED WITH THE LOCAL CONSTRUCTION MANAGER PRIOR TO BIDDING.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS AND PLAN SPECIFICATIONS TO THE OWNER AND SITE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN.
- THE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDINGS AND THE RAISED CONCRETE SIDEWALKS AND RAMPS.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- ALL SITE DIMENSIONS ARE REFERENCED TO THE FACE OF CURBS OR EDGE OR PAVING UNLESS OTHERWISE NOTED. ALL BUILDING DIMENSIONS ARE REFERENCED TO THE OUTSIDE FACE OF THE STRUCTURE.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES, TRAFFIC CONTROLLERS AND UNIFORMED TRAFFIC OFFICERS AS REQUIRED, ORDERED BY THE ENGINEER OR REQUIRED BY THE LOCAL GOVERNING AUTHORITIES.
- REFER TO DETAIL SHEETS FOR PAVEMENT, CURBING, AND SIDEWALK INFORMATION.
- TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB WITH THE EDGE OF THE SIGN 2' OFF THE FACE OF THE CURB, AND WITH 7' VERTICAL CLEARANCE UNLESS OTHERWISE DETAILED OR NOTED.
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PAINT MIXTURE PRIOR TO STRIPING.
- PAVEMENT MARKING KEY:
4" SYDL 4" SOLID YELLOW DOUBLE LINE
4" SYL 4" SOLID YELLOW LINE
4" SWL 4" SOLID WHITE LINE
12" SWSB 12" SOLID WHITE STOP BAR
4" BWL 4" BROKEN WHITE LINE 10' STRIPE 30' SPACE
- PARKING SPACES SHALL BE STRIPED WITH 4" SWL. HATCHED AREA SHALL BE STRIPED WITH 4" SWL AT A 45° ANGLE, 2' ON CENTER. HATCHING SYMBOLS, AND STRIPING FOR HANDICAPPED SPACES SHALL BE PAINTED BLUE. OTHER MARKINGS SHALL BE PAINTED WHITE OR AS NOTED.
- THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
- THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, SITE ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "(800)922-4455" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- PAVEMENT MARKINGS SHALL BE HOT APPLIED TYPE IN ACCORDANCE WITH CT DOT SPECIFICATIONS, UNLESS WHERE EPOXY RESIN PAVEMENT MARKINGS ARE INDICATED.
- AN EROSION CONTROL BOND IS REQUIRED TO BE POSTED BY THE CONTRACTOR BEFORE THE START OF ANY ACTIVITY ON OR OFF SITE.
- THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
- THESE PLANS ARE FOR PERMITTING.
- THE SITE IS PROPOSED TO BE SERVICED BY PUBLIC WATER AND PUBLIC SEWERS.
- THE PROPERTY LIES WITHIN A FLOOD ZONE "X" (AREA OF LMINIMAL FLOOD HAZARD) AS SHOWN ON FIRM MAP 090030067016, effective of 05/16/2017.
- 12" SWBS (STOP BAR) AND 4" SYDL AND SWL PAVEMENT MARKINGS LOCATED IN DRIVEWAYS AND IN STATE HIGHWAY SHALL BE EPOXY RESIN TYPE ACCORDING TO CT DOT SPECIFICATIONS.
- FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN FIRE MARSHAL.
- THE APPLICANT WILL PROVIDE AND MAINTAIN ADEQUATE SIGHT DISTANCES AT ALL DRIVEWAY INTERSECTIONS. CURRENT STATE OF CONNECTICUT HIGHWAY DESIGN STANDARDS WILL APPLY TO REQUIRED SIGHT DISTANCES.
- THE APPLICANT WILL REGISTER BUILDING ALARMS PER TOWN ORDINANCE.
- THE APPLICANT WILL CONTROL DUST AND DEBRIS ON THE SURROUNDING ROADWAYS DURING CONSTRUCTION. PROPER SAFETY PRECAUTIONS AND EQUIPMENT ARE TO BE UTILIZED WHEN WORKING ON PUBLIC ROADWAYS AND ARE THE APPLICANT'S RESPONSIBILITY TO PROVIDE.
- THE APPLICANT WILL OBTAIN A CONNECTICUT DEPARTMENT OF TRANSPORTATION ENCROACHMENT PERMIT FOR ANY WORK DONE IN THE STATE RIGHT OF WAY.
- THE APPLICANT MUST COMPLY WITH CONNECTICUT DEPARTMENT OF TRANSPORTATION STIPULATIONS/REGULATIONS WHEN APPLICABLE.
- ALL DISTURBED PAVEMENT MARKINGS MUST BE REPLACED WITH EPOXY PAINT.
- A BUILDING PERMIT FROM THE TOWN OF SOUTHTON IS REQUIRED FOR RETAINING WALLS IN EXCESS OF 30" IN HEIGHT. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE BUILDING PERMIT.
- ALL EXISTING DRAIN PIPES AND BASINS SHOULD BE INSPECTED AND FLUSHED AS NECESSARY.
- A FOUNDATION AS-BUILT SHALL BE PERFORMED AND SUBMITTED TO TOWN STAFF.

GRADING AND DRAINAGE NOTES

GRADING GENERAL NOTES:

- SEE THIS PLAN SHEET FOR ADDITIONAL SITE PLAN AND GENERAL NOTES.
- THE GRADING AND DRAINAGE PLAN IS INTENDED TO DESCRIBE GRADING AND DRAINAGE ONLY. REFER TO SITE PLAN FOR GENERAL INFORMATION, AND DETAIL SHEETS FOR DETAILS. SEE MEP DRAWINGS FOR BUILDING CONNECTION LOCATIONS AND DETAILS.
- THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS. REFER TO EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND NOTES.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS REQUIRED BY GOVERNMENT AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL MUNICIPALITIES REQUIRED TO PERFORM ALL REQUIRED WORK, INCLUDING FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS FENCES AND UNIFORMED TRAFFIC CONTROLLERS AS REQUIRED, ORDERED BY THE ENGINEER OR REQUIRED BY THE STATE AND LOCAL GOVERNING AUTHORITIES.
- THE CONTRACTOR SHALL COMPACT FILL IN 12" MAXIMUM LIFTS UNDER ALL PARKING, BUILDING, AND DRIVE AREAS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST), OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- UNDERDRAINS SHALL BE ADDED, IF DETERMINED NECESSARY IN THE FIELD BY THE DESIGN OR TOWN ENGINEER AFTER SUBGRADE IS ROUGH GRADED, AS APPROVED BY THE SOUTHTON TOWN STAFF.
- VERTICAL DATUM IS NGVD 1988.
- CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE TOWN OF SOUTHTON AGENT PRIOR TO THE START OF WORK ON THE SITE.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION GUIDELINES FOR SOIL EROSION AND SEDIMENT POLLUTION CONTROL. IN ADDITION, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE "EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY THE LOCAL MUNICIPALITIES, OR SOIL CONSERVATION SERVICE WHICH WOULD GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
- ALL SITE WORK, MATERIALS OR CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTH-WORK, STORM DRAINAGE AND UTILITY WORK SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS, AND APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION UNLESS OTHERWISE STATED IN THE PROJECT MANUAL SPECIFICATIONS. ALL FILL MATERIALS UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE SPECIFICATIONS, AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE DOT, UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPACTED IN 12" LIFTS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT 3 +/- PERCENT OF OPTIMUM MOISTURE CONTENT.
- ALL DISTURBANCE INCURRED TO TOWN OR STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF SOUTHTON AUTHORITY AND STATE OF CONNECTICUT.
- ALL CONSTRUCTION SHALL COMPLY WITH THE LOCAL MUNICIPALITY'S STANDARDS AND STATE OF CONNECTICUT'S DOT SPECIFICATIONS. ALL CONSTRUCTION WITHIN A DOT RIGHT OF WAY SHALL COMPLY WITH ALL DEPARTMENT OF TRANSPORTATION STANDARDS, WHERE SPECIFICATIONS OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION OR STANDARD SHALL BE SUPERIOR.

PROTECT NOTES:

- SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF MATERIALS AND STRUCTURES FOR REVIEW AND APPROVAL PRIOR TO DELIVERY TO THE SITE. ALLOW 14 WORKING DAYS FOR REVIEW.
- POLY VINYL CHLORIDE PIPE (PVC) FOR STORM AND SANITARY PIPING SHALL HAVE BUILT-IN RUBBER GASKET JOINTS. PVC SHALL CONFORM TO ASTM D-3034 (SDR35) WITH COMPRESSION JOINTS AND MOLDED FITTINGS. PVC SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS; ASTM-D2321 AND MANUFACTURER'S RECOMMENDED PROCEDURE.
- ALL RCP SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-76; ALL RCP SHALL BE CLASS IV UNLESS OTHERWISE SHOWN. JOINTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-443.
- MANHOLE SECTIONS AND CONSTRUCTION SHALL CONFORM TO ASTM C-478.
- HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER 12" OR GREATER IN DIAMETER SHALL BE HI-Q SURE-LOK 10.8 PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL. HDPE PIPE SHALL HAVE SMOOTH INTERIOR AND CORRUGATED EXTERIOR AND SHALL MEET THE REQUIREMENTS OF ASSHTO M294, TYPE PIPE SECTIONS SHALL BE JOINED WITH BELL-AND-SPIGOT JOINT MEETING THE REQUIREMENTS OF ASSHTO M294. THE BELL SHALL BE AN INTEGRAL PART OF THE PIPE AND PROVIDE A MINIMUM PULL-APART STRENGTH OF 400 POUNDS. THE JOINT SHALL BE WATER-TIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212. GASKETS SHALL BE MADE OF POLYISOPRENE MEETING THE REQUIREMENTS OF ASTM F477. ALTERNATIVE HDPE PIPE MAY BE USED IF APPROVED BY THE ENGINEER AND CONSTRUCTION MANAGER PRIOR TO ORDERING.
- HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE HI-Q PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL. HDPE PIPE SHALL HAVE SMOOTH INTERIOR AND CORRUGATED EXTERIOR AND SHALL MEET THE REQUIREMENTS OF ASSHTO 252 TYPE S. PIPE SECTIONS SHALL BE JOINED WITH COUPLING BANDS OR EXTERNAL SNAP COUPLERS COVERING AT LEAST 2 FULL CORRUGATIONS ON EACH END OF THE PIPE. SILT-TIGHT (GASKET) CONNECTIONS SHALL INCORPORATE A CLOSED SYNTHETIC EXPANDED RUBBER GASKET, MEETING THE REQUIREMENTS OF ASSHTO DISSECT GRADE 2A2. GASKETS SHALL BE INSTALLED ON THE CONNECTION BY THE PIPE MANUFACTURER. ALTERNATIVE HDPE PIPE MAY BE USED IF APPROVED BY THE ENGINEER AND CONSTRUCTION MANAGER PRIOR TO ORDERING.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE SITE ENGINEER AND ARCHITECT IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
- THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "811" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
- IF PLANS AND OR SPECIFICATIONS ARE IN CONFLICT, THE MOST EFFECTIVE SHALL APPLY AS DETERMINED BY A LICENSED PROFESSIONAL AND APPROVED BY TOWN STAFF.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION. PLAN SETS SHALL NOT BE DISASSEMBLED INTO PARTIAL PLAN SETS FOR USE BY CONTRACTORS AND SUBCONTRACTORS OF INDIVIDUAL TRADES. IT SHALL BE THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO OBTAIN COMPLETE PLAN SETS FOR USE IN BIDDING AND CONSTRUCTION.
- ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
- CONTRACTOR'S TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.

UTILITIES NOTES

UTILITY CONSTRUCTION NOTES:

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LOCAL MUNICIPALITIES TO SECURE PERMITS AND FOR PAYMENT OF FEES FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS FENCES AND UNIFORMED TRAFFIC CONTROLLERS AS REQUIRED, ORDERED BY THE ENGINEER OR REQUIRED BY THE LOCAL GOVERNING AUTHORITIES.
- THIS PLAN DETAILS SITE INSTALLED PIPES UP TO 5' FROM THE BUILDING FACE. REFER TO DRAWINGS BY OTHERS FOR BUILDING CONNECTION POINT OR AT EXISTING UTILITY OR PIPE CONNECTION POINT.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE SEWERS CROSS UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE SITE ENGINEER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY CO. AND TOWN STAFF REVIEW.
- THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY COMPANIES AND TOWN STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER, TOWN OF SOUTHTON PUBLIC WORKS DEPARTMENT AND TOWN OF SOUTHTON WATER & SEWER DEPARTMENT.
- THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY COMPANIES AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTION, REALLOCATIONS, INSPECTIONS, AND DEMOLITION.
- ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED THE SITE CONTRACTOR SHALL INSTALL TEMPORARY OR PERMANENT PAVEMENT REPAIR AS DETAILED ON THE PLANS OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
- SANITARY LATERAL SHALL MAINTAIN (10' MIN. HORIZONTAL 1.5' VERTICAL MIN.) SEPARATION DISTANCE FROM WATER LINES, OR ADDITIONAL PROTECTION MEASURES WILL BE REQUIRED WHERE PERMITTED.
- RELOCATION OF UTILITY COMPANY FACILITIES SUCH AS POLES, TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FACILITY OWNERS.
- THE CONTRACTOR SHALL COMPACT THE PIPE BACKFILL IN 12" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS. A PIPE FOUNDATION SHALL BE USED IN AREAS OF ROCK EXCAVATION. STORM SEWERS MAY BE PLACED PRIOR TO PLACING FILL.
- CONTRACTOR TO PROVIDE SLEEVES UNDER FOOTINGS FOR UTILITY CONNECTIONS.
- UTILITY PENETRATIONS AND LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE MEP DRAWINGS AND CONSTRUCTION MANAGER.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY COMPANY AND/OR THE LOCAL MUNICIPALITIES' REQUIREMENTS.
- A ONE-FOOT MINIMUM CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM SEWERS SHALL BE PROVIDED. A SIX-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM AND SANITARY SEWER WITH A CONCRETE ENCASEMENT.
- CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC., AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB OUTS, INCLUDING ROOF/FOOTING DRAIN CONNECTIONS TO ROOF LEADERS AND TO STORM DRAINAGE SYSTEM.
- MANHOLE RIMS SHALL BE SET TO ELEVATIONS SHOWN. SET ALL EXISTING MANHOLE FRAMES AND VALVE COVERS TO BE RAISED OR LOWERED FLUSH WITH FINAL GRADE AS NECESSARY.
- SITE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR SITE LIGHTING WITH THE BUILDING ELECTRICAL/ELECTRICAL CONTRACTOR.
- CONTRACTOR SHALL COORDINATE INSTALLATION FOR ELECTRICAL SERVICES TO PYLON SIGNS AND SITE LIGHTING WITH THE BUILDING ELECTRICAL/ELECTRICAL CONTRACTOR.
- THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, OR LANDSCAPED AREAS DISTURBED DURING CONSTRUCTION, TO THEIR ORIGINAL CONDITION OR BETTER.
- INFORMATION ON EXISTING UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES INCLUDING SERVICES. CONTACT "CALL BEFORE YOU DIG" AT 1-(800)-922-4455 72 HOURS PRIOR TO CONSTRUCTION AND VERIFY ALL UNDERGROUND AN OVERHEAD UTILITY LOCATIONS.
- THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY COMPANIES AND THE TOWN OF SOUTHTON FOR WORK TO BE PERFORMED BY UTILITY COMPANIES OR BY THE TOWN OF SOUTHTON. THE CONTRACTOR SHALL PAY ALL UTILITY FEES AND REPAIR PAVEMENTS AS NECESSARY.
- ELECTRIC, AND TELEPHONE SERVICES SHALL BE INSTALLED UNDERGROUND FROM SERVICE POLE CL#P & #1543. THE CONTRACTOR SHALL INSTALL AND BACKFILL TWO 4" PVC CONDUITS FOR TELEPHONE SERVICE, FOUR 4" PVC CONDUITS FOR ELECTRIC SERVICE PRIMARY, PVC CONDUITS FOR ELECTRICAL SECONDARY PER BUILDING ELECTRICAL PLANS (SCHEDULE 80N UNDER PAVEMENT, SCHEDULE 40 IN NON PAVEMENT AREAS). SERVICES MAY BE INSTALLED IN A COMMON TRENCH WITH 1" CLEAR SPACE BETWEEN. MINIMUM COVER IS 36" ON ELECTRIC CONDUITS, AND 24" ON TELEPHONE CONDUITS. SERVICES SHALL BE MARKED WITH MAGNETIC LOCATOR TAPE AND SHALL BE BEDDED, INSTALLED, AND BACKFILLED IN ACCORDANCE WITH ELECTRIC COMPANY, AND PHONE COMPANY STANDARDS. GALVANIZED STEEL ELECTRICAL CONDUIT SHALL BE USED AT POLE AND TRANSFORMER LOCATIONS. INSTALL HAND-HOLES AS REQUIRED. INSTALL CONCRETE ENCASEMENT ON PRIMARY ELECTRIC CONDUITS IF REQUIRED BY ELECTRIC COMPANY.
- ALL WATER LINES TO HAVE A MINIMUM COVER OF 54-INCHES. ALL LINES SHALL BE BEDDED IN 6" SAND AND BACKFILLED WITH 12" SAND.
- ALL WATER MAINS, WATER SERVICES AND SANITARY SEWER LATERAL SHALL CONFORM TO THE DEPARTMENT OF ENVIRONMENTAL HEALTH, APPLICABLE TOWN OF SOUTHTON WATER & SEWER DEPARTMENT SPECIFICATIONS, AS WELL AS TO OTHER APPLICABLE CODES AND SPECIFICATIONS FOR POTABLE WATER SYSTEMS.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, UTILITY PROVIDER AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN ALL UTILITY CONNECTIONS TO EXISTING ADJUTING HOUSES & COMMERCIAL BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNERS, THE PROJECT ENGINEER, UTILITY PROVIDER AND GOVERNING AUTHORITIES.
- ANY EXISTING POTABLE WATER WELLS AND SEPTIC TANKS/ABSORPTION AREAS SHALL BE ABANDONED AND REMOVED PER THE DEPARTMENT OR ENVIRONMENTAL PROTECTION AND HEALTH CODE REQUIREMENTS.
- THE CONTRACTOR MAY SUBSTITUTE MASONRY STRUCTURES FOR PRECAST STRUCTURES IF APPROVED BY THE SITE ENGINEER AND ALLOWED BY THE TOWN ENGINEER OR BY GOVERNING AUTHORITY.

POST CONSTRUCTION STORM WATER POLLUTION PLAN

RESPONSIBLE PARTIES AND STORMWATER MANAGEMENT SYSTEM OWNER: Java Junston, LLC
91 Dolsy Circle
Bristol, CT 06010
Attn: Mark MacGregor
Telephone: 860-863-8116

THE FOLLOWING PROCEDURES WILL BE IMPLEMENTED CONTINUALLY BY THE OWNER:

- PAVEMENT SWEEPING: PARKING LOTS AND DRIVES SHALL BE SWEEPED A MINIMUM OF TWICE A YEAR (SPRING AND FALL)
- CATCH BASINS: CATCH BASINS SHALL BE INSPECTED ON A REGULAR BASIS (AT LEAST TWICE PER YEAR) AND ANY SEDIMENT, OILS & FLOATABLES WILL BE REMOVED AS NECESSARY (A MINIMUM OF ONCE A YEAR TO ENSURE FUNCTIONING OF THE SYSTEM, UTILIZING A VACUUM TRUCK)
- THE COLLECTION SYSTEM PIPES SHALL BE AT SIX-MONTH INTERVALS. REGULAR MAINTENANCE INCLUDES THE FOLLOWING ITEMS:
-INSPECTION OF THE OUTLET TO ENSURE THEY ARE NOT BLOCKED.
-CHECKING THE OUTLETS FROM THE DRAINAGE SYSTEM IS CLEAR AND NOT ERODING.
-REMOVING PAPER AND DEBRIS FROM INSIDE THE BASIN.
- THE SEDIMENT FOREBAY SHALL BE INSPECTED A MINIMUM OF EVERY SIX MONTHS IN THE MONTHS OF APRIL AND OCTOBER. IF TRASH, DEBRIS, SEDIMENT DEPOSITS, ECT. SHALL BE NOTED AND ANY DEPOSITS FOUND TO BE 4 INCHES OR MORE, AS MEASURED FROM THE BOTTOM OF THE FOREBAY, SHALL BE CLEANED AND REMOVED. ANY DEBRIS OR TRASH, ECT. SHALL BE REMOVED DURING NORMAL LANDSCAPE MAINTENANCE OPERATIONS. BARE AREAS SHALL BE SEEDED.
- LANDSCAPING: LANDSCAPED AREAS WILL BE MAINTAINED. NORMAL LANDSCAPING MAINTENANCE WILL CONSIST OF PRUNING, MULCHING, PLANTING MOWING LAWS, RAKING LEAVES, ECT. USE OF FERTILIZERS AND PESTICIDE WILL BE CONTROLLED AND LIMITED TO MINIMAL AMOUNTS NECESSARY FOR HEALTHY LANDSCAPE MAINTENANCE. THE LAWN AREAS, ONCE ESTABLISHED, WILL BE MAINTAINED AT A TYPICAL HEIGHT OF 3 1/2". THIS WILL ALLOW THE GRASS TO BE MAINTAINED WITH A MINIMAL IMPACT FROM WEEDS AND/OR PEST. PESTICIDE WILL ONLY BE USED AS A CONTROL METHOD WHEN A PROBLEM HAS BEEN IDENTIFIED AND OTHER NATURAL CONTROL METHODS ARE NOT SUCCESSFUL. ALL PESTICIDE APPLICATION SHALL BE BY LICENSED APPLICATORS, WHERE NECESSARY. TOPSOIL, BRUSH, LEAVES, CHIPPINGS, MULCH, EQUIPMENT, AND OTHER MATERIALS SHALL BE STORED OFF SITE.
- TRASH COLLECTION: ALL TRASH WILL BE CONTAINED IN DUMPSTERS. ALL DUMPSTERS WILL BE EQUIPPED WITH COVERS. ALL TRASH WILL BE COLLECTED ON A REGULAR BASIS AND DISPOSED OF LEGALLY OFF-SITE.
- OUTDOOR STORAGE: THERE WILL BE NO OUTDOOR OF HAZARDOUS CHEMICALS, FERTILIZER, PESTICIDES, OR HERBICIDES ANYWHERE AT THE FACILITY.

State of Connecticut Department of Transportation - 817 CONSTRUCTION NOTES

817 CONSTRUCTION NOTES

Removal of pavement markings along state roadways shall be completed by a non-destructive method in compliance with the State of Connecticut Department of Transportation Standard Specifications for Road, Bridges, and Incidental Construction Form 817 Section 12.11 as revised.

New pavement markings shall be painted with epoxy resin paint in compliance with the State of Connecticut Department of Transportation Standard Specifications for Road, Bridges, and Incidental Construction Form 817 Section 12.10 as revised.

New sign material and sheeting shall be made of reflective material in compliance with State of Connecticut Department of Transportation Standard Specifications for Road, Bridges, and Incidental Construction Form 817 Section 12.08 as revised. Type 1 Reflective Sheeting shall be used for signs with white background. Type 3 Reflective Sheeting shall be used for signs with colored background except for signs with red background that shall be Type 8 or 9 Reflective Sheeting.

All signs and pavement markings installed along the state road must conform to the "Manual on Uniform Traffic Control Devices," the latest State of Connecticut Catalog of Signs and standard as revised.

Any damage to the existing curb, sidewalk, or any other highway appurtenances during the development of the permitted site will be replaced by the contractor as directed by the District 3 Permit Section at no cost to the state.

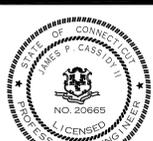
All work within the state right of way will comply with the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction Form 817 with the latest Special Provisions and Typical State Standard Details.

CHECKED BY: J.M.P./J.L.K.
DATE: MAY 08, 2024
JOB No.: 3532
SCALE: 1"= 20'
DRAWN BY: J.P.C.
ACAD FILE: 3532-GEN-01E
SHEET: 7 OF: 14
REVISIONS:
JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
CIVIL ENGINEERS & LAND SURVEYORS
630 MAIN STREET, UNIT #1A
CROWELL, CONNECTICUT 06416
PHONE: (860) 529-6812, FAX: (860) 721-7709



GENERAL SITE NOTES
PREPARED FOR
Arora Joe's
PREPARED FOR
Java Junston, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHTON,
CONNECTICUT



EROSION CONTROL NOTES

SEDIMENT & EROSION CONTROL NARRATIVE

THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, EXISTING CATCH BASIN, ADJACENT PROPERTIES, AND THE WETLAND AREA FROM SURFACE RUNOFF AND EROSION. A CONSTRUCTION SEQUENCE IS PROVIDED TO PROVIDE SURFACE RUNOFF CONTROLS PRIOR TO THE PROJECT CONSTRUCTION BEGINNING.

CONSTRUCTION SCHEDULE

THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS SUMMER 2024 WITH COMPLETION ANTICIPATED WINTER 2024. APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL CONSTRUCTION ACTIVITY.

CONTINGENCY EROSION PLAN

THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE AGENTS OF THE DIRECTOR OF PLANNING & DEVELOPMENT, INLAND WETLANDS AGENCY, TOWN ENGINEER, AND/OR SITE ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

1. THE CONTRACTOR SHALL FILE FOR A CT COT ENCROACHMENT PERMIT PRIOR TO ANY CONSTRUCTION.
2. CONTACT TOWN OF SOUTHWINGTON ENGINEERING DEPARTMENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT. A PRE-MEETING WITH LOCAL AND/OR STATE OFFICIALS NEEDS TO BE HELD PRIOR TO THE START OF CONSTRUCTION
3. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE TOWN OF SOUTHWINGTON AGENT PRIOR TO THE START OF WORK ON THE SITE. INSTALL TREE PROTECTION AND PERIMETER SILT FENCE & HAY BALE SEDIMENT BARRIERS.
4. CONSTRUCT TRACKING PAD AT ENTRANCES AND WRAP FILTER FABRIC AROUND GRATE OF CATCH BASINS OR INSTALL SILT SACKS ON CATCH BASIN INLETS ON OFF SITE ROADS. INSTALL SILT FENCE AT PERIMETER OF PROPOSED SITE DISTURBANCE AND INSTALL ALL EROSION CONTROL MEASURES AND TREE PROTECTION INDICATED ON THESE PLANS. INSTALL SEDIMENT TRAPS AND INSTALL SEDIMENT BASINS IN REQUIRED AT LOW AREAS OF SITE OR AS ORDERED BY THE ENGINEER OR AS SHOWN ON THESE PLANS.
5. DISCONNECT EXISTING UTILITY SERVICES SET TO BE REMOVED AND TEMPORARILY CAP PIPES.
6. DEMOLISH EXISTING BUILDING, FOUNDATION, PAVEMENT AND CONCRETE.
7. CLEAR AND GRUB SITE. STOCK PILE CHIPS. STRIP AND STOCKPILE TOPSOIL.
8. INSTALL ADDITIONAL SILT FENCE AS REQUIRED, CONSTRUCT TEMPORARY DIVERSION BERMS AND SEDIMENT TRAPS.
9. CONTINUE EARTHWORK. INSTALL ADDITIONAL EROSION CONTROL AS REQUIRED. TOPSOIL AND SEED SLOPES WHICH HAVE ACHIEVED FINAL SITE GRADING.
10. CONSTRUCTION STAKING OF ALL BUILDING CORNERS, UTILITIES, ACCESS DRIVES, AND PARKING AREAS.
11. ROUGH GRADING.
12. INSTALLATION OF REMAINING STORM DRAINAGE.
13. FOUNDATION CONSTRUCTION. BEGIN SUPERSTRUCTURE.
14. REMOVE SEDIMENT FROM BEHIND SILT FENCES, AND FROM SEDIMENTATION BASINS AS REQUIRED. REMOVAL SHALL BE ON A PERIODIC BASIS (EVERY SIGNIFICANT RAINFALL). INSPECTION OF EROSION CONTROL MEASURES SHALL BE ON A WEEKLY BASIS. SEDIMENT COLLECTED SHALL BE DEPOSITED AND SPREAD EVENLY UPLAND ON SLOPES DURING CONSTRUCTION.
15. INSTALL WATER SERVICE AND ALL OTHER UTILITIES. COMPLETE STORM SEWERS.
16. INSTALL SITE LIGHTING, LOADING DOCK AND TRASH ENCLOSURE.
17. FINISH GRADING AND CONSTRUCT PARKING AREA SUBGRADE.
18. CONSTRUCT SIDEWALKS AND SITE CONCRETE AREAS.
19. PAVING OF PARKING AREAS AND DRIVEWAYS
20. FINAL GRADING OF SLOPE AREAS.
21. PLACE 4" TOPSOIL ON SLOPES AFTER FINAL GRADING IS COMPLETED. FERTILIZE SEED AND MULCH. SEED MIXTURE TO BE INSTALLED APRIL 11 TO JUNE 1 OR AUGUST 15 TO OCTOBER 1. USE EROSION CONTROL BLANKETS AS REQUIRED OR ORDERED FOR SLOPES GREATER THAN 3:1. FOR TEMPORARY STABILIZATION BEYOND SEEDING DATES USE ANNUAL RYE AT 4.0 LBS/1,000 S.F. FERTILIZE WITH 10-10-10 AT 1.0 LBS. OF NITROGEN PER 1,000 S.F. AND LIME AT 100 LBS/1,000 S.F. (MAX.).
22. CONSTRUCT STORM WATER QUALITY BASIN AND FINAL OUTLET.
23. LANDSCAPE ISLANDS AND PERIMETER AREAS. INSTALL SIGNING AND PAVEMENT MARKINGS.
24. UPON DIRECTION OF THE TOWN OF SOUTHWINGTON AGENT, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED FOLLOWING STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS

OPERATION I – CLEARING AND GRUBBING

1. ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF THE TEMPORARY SEDIMENT TRAPS AND ANTI-TRACKING PADS, WILL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2. FOLLOWING INSTALLATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH OPERATION II UNTIL THE ENGINEER HAS INSPECTED AND APPROVED ALL INSTALLATIONS.
3. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING OPERATION I, SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENTATION AND EROSION CONTROL STRUCTURES.

OPERATION II – ROUGH GRADING

1. DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE SITE PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
2. ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.

OPERATION III – FILLING

1. PRIOR TO FILLING, ALL SEDIMENTATION AND EROSION CONTROL STRUCTURES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
2. ALL FILL MATERIAL ADJACENT TO ANY WETLAND AREAS SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN CONTRACT SPECIFICATIONS.
3. AS GENERAL GRADING OPERATIONS PROGRESS, THE TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED, AS NECESSARY, TO DIVERT SURFACE RUNOFF TO THE BASINS.

OPERATION IV – PLACEMENT OF DRAINAGE STRUCTURES, UTILITIES, AND BUILDING CONSTRUCTION.

1. STAKED SILT FENCES SHALL BE INSTALLED AT THE DOWNHILL SIDES OF BUILDING EXCAVATIONS, DEWATERING PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES.

OPERATION V – FINAL GRADING AND PAVING

1. ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS DISCUSSED IN OPERATION IV.
2. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED, AND THE ROAD SHOULDER AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
3. PAVEMENT BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES HAVE BEEN INSTALLED.
4. CONSTRUCT PAVEMENT, PLACE TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING.
5. REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE TOWN OR GOVERNING WETLAND AGENCY.

SEQUENCE FOR INSTALLATION OF SOIL EROSION

& SEDIMENTATION CONTROL MEASURES

PHASE 1

1. ERECT SILTATION FENCES, SEDIMENT TRAPS, DIVERSION DITCHES, AND ANTI-TRACKING PAD.

PHASE 2

2. STRIP TOPSOIL AND STOCKPILE.
3. PERFORM CLEARING AND GRUBBING ACTIVITIES, AND DEMOLITION.
4. STABILIZE STOCK PILE.

PHASE 3

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. ROUGH GRADING.

PHASE 4

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. PERFORM FILLING ACTIVITIES.

PHASE 5

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. CONSTRUCT DRAINAGE STRUCTURES. CONSTRUCT DIVERSION BERMS, RIP RAPPED LINED DITCHES AND SEDIMENTATION BASINS.

PHASE 6

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. PERFORM FINAL GRADING AND PAVING.

PHASE 7

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. RESPREAD TOPSOIL.
3. LIME, FERTILIZE, AND SEED.
4. MULCH.
5. FINAL COVER.

1. MAINTAIN SILTATION FENCES UNTIL COVER IS COMPLETELY STABILIZED.
2. PERFORM FINAL INSPECTION.
3. REMOVE SILTATION FENCES, CLEAN, AND RESTORE ALL AREAS.

1. MAINTAIN SILTATION FENCES UNTIL COVER IS COMPLETELY STABILIZED.
2. PERFORM FINAL INSPECTION.
3. REMOVE SILTATION FENCES, CLEAN, AND RESTORE ALL AREAS.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

- A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
- B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- C. LAY THE BOTTOM SIX INCHES OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- D. BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

- A. ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
- II. SEDIMENT TRAPS/BASINS
A. CONTRACTOR TO KEEP WEEKLY CHECKLIST LOGS FOR INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROL DEVICES AND HAVE THEM READILY AVAILABLE ON-SITE AT ALL TIMES FOR INSPECTION BY DEEP, LOCAL AUTHORITIES OR ENGINEER.
B. ALL PONDS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF SLOPES SHALL BE PROMPTLY MADE AS NEEDED.
C. SEDIMENT DEPOSITS SHALL BE REMOVED FROM PONDS WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
D. SEDIMENT SHALL BE DISPOSED OF ON-SITE OR AS DIRECTED BY THE ENGINEER AND LOCAL GOVERNING OFFICIALS.

EROSION AND SEDIMENT CONTROL PLAN

1. SILTATION FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
2. CATCH BASINS WILL BE PROTECTED WITH SILT SACKS OR SHAY BALES THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE EROSION AND SEDIMENT CONTROL HANDBOOK LATEST EDITION.
4. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
5. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
6. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED.
7. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
8. JAVA JUNCTION, LLC IS THE PERMITEE RESPONSIBLE FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFICATION OF THE SOUTHWINGTON WETLANDS ENFORCEMENT OFFICER OR GOVERNING AUTHORITY OF THE TRANSFER OF THIS RESPONSIBILITY AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.

EROSION AND SEDIMENT CONTROL PLAN SEDIMENT AND EROSION CONTROL NOTES

1. THE DRAWING IS ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL TREATMENT FOR THIS SITE. SEE SEDIMENT AND EROSION CONTROL DETAILS AND CONSTRUCTION SEQUENCE. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER PLANS FOR APPROPRIATE INFORMATION.
2. JAVA JUNCTION, LLC IS THE PERMITEE RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, INFORMING THE GOVERNING AUTHORITY OR INLAND WETLANDS AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
3. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF SOUTHWINGTON. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.
4. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, TOWN OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.
5. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS BEFORE AND AFTER EACH STORM, OR AT LEAST WEEKLY, TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE NECESSARY.
6. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, JUTE MESH, ETC.) ON-SITE FOR MAINTENANCE AND EMERGENCY REPAIRS.
7. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING AT THE DRIP LINE FOR AS SHOWN WITH SNOW FENCE, ORANGE SAFETY FENCE, OR EQUIVALENT FENCING. ANY LIMB TRIMMING SHOULD BE DONE BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
8. INSTALL PERMETER SEDIMENT CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SILT FENCE UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE FENCE.
9. ANTI-TRACKING PAD SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE TRACKING PAD MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED.
10. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS TO REMAIN IN PLACE FOR MORE THAN 2 MONTHS.
11. SEDIMENTATION BASINS SHALL PROVIDE 134 CUBIC YARDS OF SEDIMENT STORAGE PER DISTURBED ACRE CONTRIBUTING TO THE BASIN. PROVIDE BASIN VOLUMES FOR ALL DISTURBANCE ON SITE.
12. COMPLY WITH REQUIREMENTS OF CGS SECTION 22A, 430B FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND WITH DEP RECORD KEEPING AND INSPECTION REQUIREMENTS.
13. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDDED WITH TACKIFIER.
14. SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS PRIOR TO WORK IN ANY UPLAND AREAS.
15. EXCAVATED MATERIAL FROM TEMPORARY SEDIMENT TRAPS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE.
16. INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE MIRAFI ENVIROFENCE, AMOCO SILT STOP OR EQUIVALENT APPROVED BY SITE ENGINEER. FILTER FABRIC USED SHALL BE MIRAFI 100X OR EQUIVALENT.
17. INSTALL TEMPORARY DIVERSION DITCHES, PLUNGE POOLS, SEDIMENT BASINS, SEDIMENT TRAPS AND DEWATERING PITS AS SHOWN AND AS NECESSARY DURING VARIOUS PHASES OF CONSTRUCTION TO CONTROL RUNOFF UNTIL UPHILL AREAS ARE STABILIZED. LOCATION OF TEMPORARY SEDIMENT BASINS WILL REQUIRE REVIEW AND APPROVAL BY THE ENGINEER AND GOVERNING OFFICIAL.
18. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY PITS, SEDIMENT BASINS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO STORM SEWERS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR.
19. BLOCK THE OPEN UPSTREAM ENDS OF DETENTION PIPE SYSTEM OUTLET CONTROL ORIFICE UNTIL SITE IS STABILIZED AND BLOCK END OF STORM SEWERS IN EXPOSED TRENCHES WITH BOARDS AND SANDBAGS AT THE END OF EACH WORKING DAY WHEN RAIN IS EXPECTED.
20. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDES WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.
21. PERIODICALLY CHECK ACCUMULATED SEDIMENT LEVELS IN THE SEDIMENT TRAPS DURING CONSTRUCTION AND CLEAN ACCUMULATED SILT WHEN NECESSARY OR WHEN ONE FOOT OF SEDIMENT HAS ACCUMULATED. CLEAN ACCUMULATED SEDIMENT FROM CATCH BASIN SUMPS AS NECESSARY. REMOVE ACCUMULATED SEDIMENT FROM BEHIND SILT FENCE WHEN LEVEL REACHES HALF THE HEIGHT OF THE FENCE. DISPOSE OF SEDIMENT LEGALLY EITHER ON SITE IN NON-WETLANDS AREAS..
22. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS WHEN AUTHORIZED BY LOCAL GOVERNING AUTHORITY.
23. THE PARTY RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL MEASURES IS: Java Junction, LLC
81 Daisy Office
Bristol, CT 06010
Attn.: Mark MacGregor
Telephone: 860-863-8116
24. IF WIND EROSION OCCURS, THEN GROUND SHALL BE COVERED WITH CALCIUM CHLORIDE OR WATER TRACK APPLICATIONS AS REQUIRED TO CORRECT THE PROBLEM.

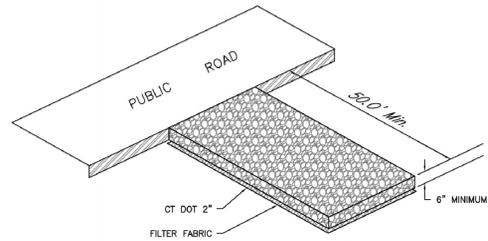
EROSION AND SEDIMENT CONTROL NOTES

PREPARED FOR
Arroma Joe's
PREPARED FOR
Java Junction, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHWINGTON,
CONNECTICUT



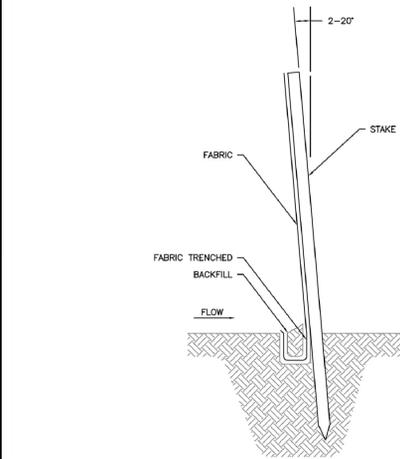
CHECKED BY: J.P.C.	SCALE: N/A
DRAWN BY: J.M.P.	DATE: MAY 08, 2024
ACAD FILE: 3532-ES-NOTE	JOB No.: 3532
SHEET: 8 OF 14	REVISIONS: JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
CIVIL ENGINEERS & LAND SURVEYORS
630 MAIN STREET, UNIT #1A
GROWELL, CONNECTICUT 06416
PHONE: (860)-529-6812, FAX: (860)-721-7709



TOWN OF SOUTHWINGTON	
CONSTRUCTION ENTRANCE	
NO.	DATE

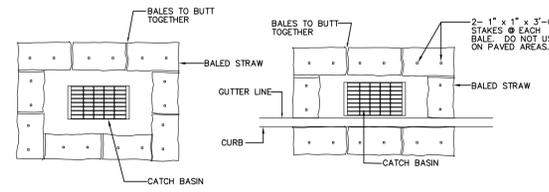
ALL SPECS FROM DOT FORM 817 ADOPTED 2016



- GENERAL NOTES:
1. GEOTEXTILE FENCE SHOULD BE PLACED SO THE FENCE LEANS TOWARD THE SOURCE OF SEDIMENT.
 2. MAXIMUM SPACING FOR WOODEN STAKES OR STEEL POSTS IS 10.0'
 3. WOOD STAKES SHALL HAVE MINIMUM CROSS-SECTION SIZE OF 1.5" X 1.5" AND MINIMUM LENGTH OF 4 FT. STEEL POSTS SHALL BE AT LEAST 0.5 LB PER FOOT WITH A MINIMUM LENGTH OF 4 FT.
 4. WOODEN STAKES OR STEEL POSTS SHALL BE DRIVEN TO A MINIMUM 1' INTO THE GROUND.
 5. 6" OF GEOTEXTILE SHALL BE BURIED BY BACKFILLING OR TRENCHING AND AT LEAST 2.5" IN HEIGHT OF GEOTEXTILE SHALL BE EXPOSED.
 6. FABRIC SHALL BE JOINED ONLY AT A SUPPORT POST WITH A MINIMUM OF 6" OVERLAP AND SECURITY SEALED.
 7. UPON RE-ESTABLISHMENT OF GROUND COVER IN DISTURBED AREAS WHEN DIRECTED BY THE ENGINEER, OR UPON FINAL INSPECTION FENCE AND ANY SEDIMENT SHALL BE REMOVED. AT NO TIME WILL THE FENCE REMAIN IN PLACE AFTER PROJECT COMPLETION.
 8. GEOTEXTILE FENCE SHALL NOT BE USED IN A WATER COURSE.
 9. CLEAN OUT ACCUMULATION OF SEDIMENT WHEN ONE-HALF OF THE ORIGINAL HEIGHT OF THE GEOTEXTILE FENCE, AS INSTALLED, BECOMES FILLED WITH SEDIMENT OR AS DIRECTED BY THE ENGINEER.

TOWN OF SOUTHWINGTON	
GEOTEXTILE FENCE SYSTEM	
NO.	DATE

ALL SPECS FROM DOT FORM 817 ADOPTED 2016



CATCH BASIN WITHOUT CURB CATCH BASIN WITH CURB
SEDIMENTATION CONTROL BALES
NO SCALE

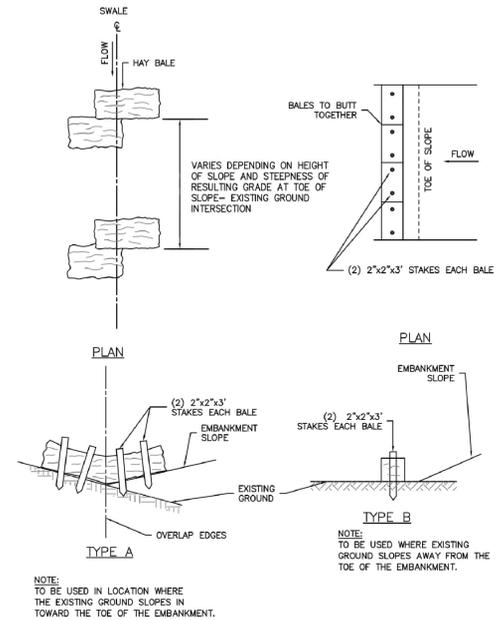
MAINTENANCE OF STRAW BALE CHECK DAM
INSPECT THE STRAW BALE CHECK DAM AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. FOR DE WATERING OPERATIONS AND, INSPECT FREQUENTLY BEFORE, DURING AND AFTER PUMPING OPERATIONS.

REMOVE THE SEDIMENT DEPOSITS OR INSTALL A SECONDARY BARRIER WHEN SEDIMENT DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. REPLACE OR REPAIR THE BARRIER WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE BARRIER HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE BARRIER BECAUSE:

- A) THE BARRIER HAS BEEN OVERTOPPED, UNDERCUT, OR BYPASSED BY RUNOFF WATER
- B) THE BARRIER HAS BEEN MOVED OUT OF POSITION.
- C) THE STRAW BALES HAVE DETERIORATED.

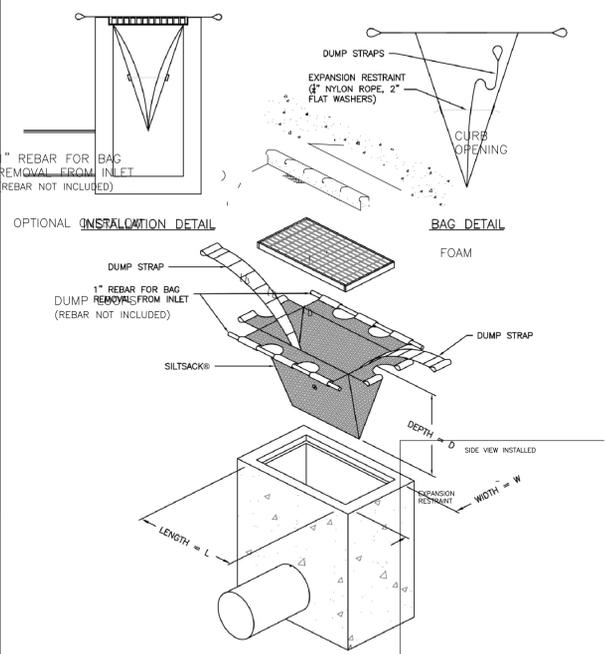
WHEN REPETITIVE FAILURE OCCUR AT THE SAME LOCATION REVIEW CONDITIONS AND LIMITATIONS FOR USE AND DETERMINE IF ADDITIONAL CONTROLS ARE NEEDED TO REDUCE FAILURE RATE OR REPLACE STRAW BALE BARRIER.

MAINTAIN STRAW BALE BARRIER UNTIL CONTRIBUTING AREA IS STABILIZED. AFTER UPSLOPE AREAS HAVE BEEN STABILIZED PULL THE STAKES OUT OF THE STRAWBALES. UNLESS OTHERWISE REQUIRED NO REMOVAL OF OR REGRADING OF ACCUMULATED SEDIMENT IS NECESSARY. THE STRAW BALES MAY THEN BE LEFT IN PLACE OR BROKEN UP FOR GROUND COVER.



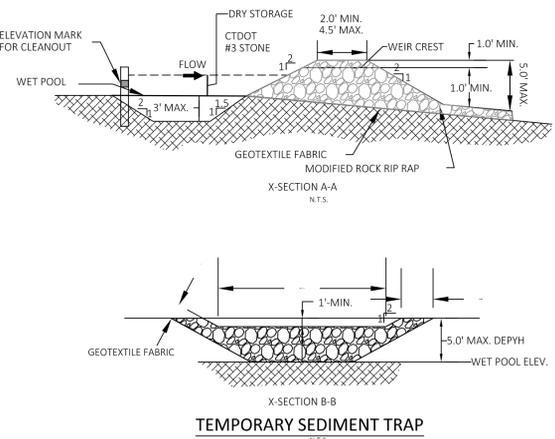
STRAW BALE EROSION CONTROL
NO SCALE

ALL SPECS FROM DOT FORM 817 ADOPTED 2016

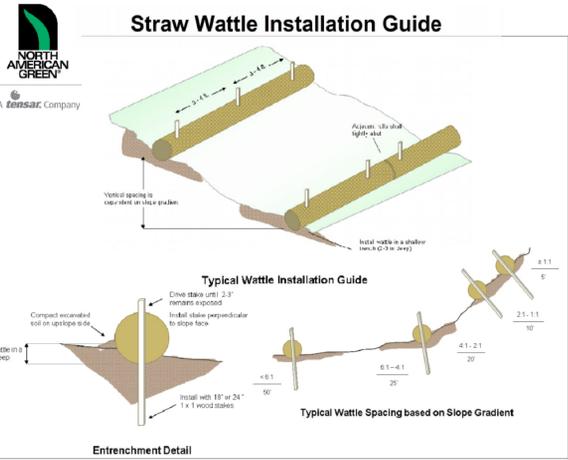


DETAIL OF INLET SEDIMENT CONTROL DEVICE WITH CURB DEFLECTOR
TYPE A - WITHOUT CURB DEFLECTOR

ALL SPECS FROM DOT FORM 817 ADOPTED 2016



TEMPORARY SEDIMENT TRAP
N.T.S.



1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2'-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.

2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPSLOPE SIDE. ADJACENT WATTLES SHOULD TIGHTLY ADJUT.

3. SECURE THE WATTLE WITH 18 24" (45.7-61 CM) STAKES EVERY 3'-4" (0.9 - 1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2'-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

North American Green Straw Wattles are a Best Management Practice (BMP) that offers an effective and economical alternative to silt fence and straw bales for sediment control and storm water runoff.

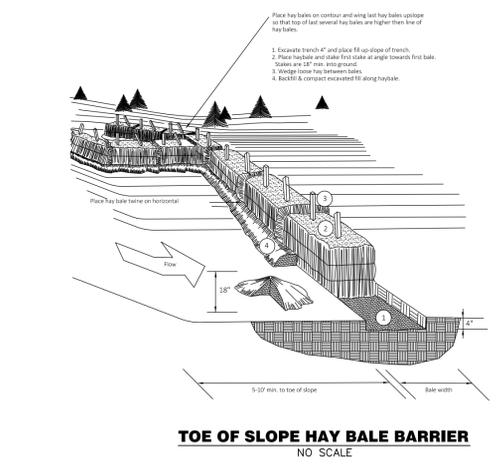
Guidelines are provided to assist in design, installation, and structure spacing. The guidelines may require modification due to variation in soil type, rainfall intensity or duration, and amount of runoff affecting the application site.

To maximize sediment containment with the Straw Wattle, place the initial structure at the top of the slope if significant runoff is expected from above. If no runoff from above is expected, the initial Straw Wattle can be installed at the appropriate distance downhill from the top of the slope. The final structure should be installed at or just beyond the bottom toe of the slope. Wattles should be installed perpendicular to the primary direction of overland flow.

Straw Wattles are a temporary sediment control device and are not intended to replace rolled erosion control products (RECPs) or hydraulic erosion control products (HECPs). If vegetation is desired for permanent erosion control, North American Green recommends that RECPs or HECPs be used to provide effective immediate erosion control until vegetation is established. Straw Wattles may be used in conjunction with blankets, mats, and mulches as supplemental sediment and runoff control for these applications. Like all sediment control devices, the effectiveness of the Straw Wattle is dependent on storage capacity.

For additional installation assistance, please contact North American Green's Technical Services Department at 1-800-772-2040

5401 St. Wendel - Cynthiana Road, Poseyville, IN 47633
1-800-772-2040 www.nagreen.com Rev. 1/2011



TOE OF SLOPE HAY BALE BARRIER
NO SCALE

CHECKED BY: J.P.C.
DRAWN BY: J.M.P.
DATE: MAY 08, 2024
JOB No.: 3532
ACAD FILE: 3532-DET
SHEET: 9 OF 14
REVISIONS:
JUNE 04, 2024 PER TOWN COMMENT

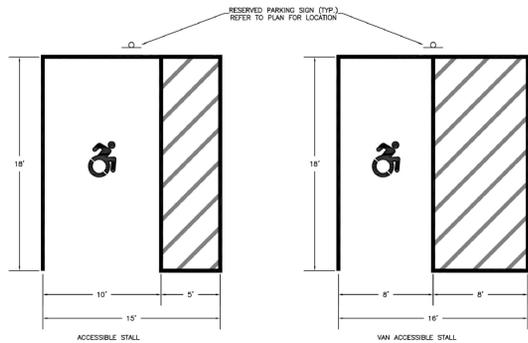
HALLISEY, PEARSON & CASSIDY
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630 MAIN STREET, UNIT #1A
CROWELL, CONNECTICUT 06416
PHONE: (860)-529-6812, FAX: (860)-721-7709

SITE DETAILS
PREPARED FOR
Arroma Joe's
PREPARED FOR
Java Junction, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHINGTON, CONNECTICUT





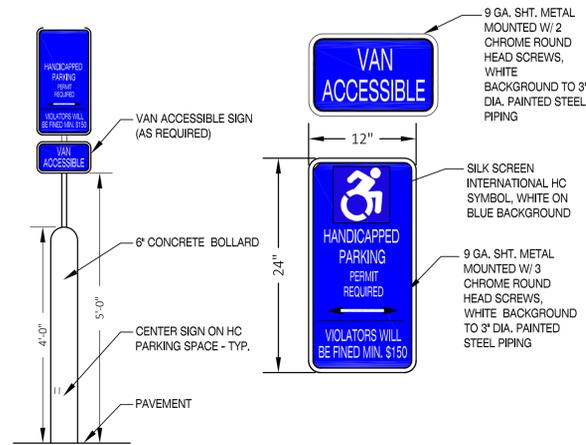
NEW ACCESSIBLE PARKING SPACE SYMBOL ADOPTED JUNE 2016.
PAINTED H.C. PARKING SYMBOL
 NO SCALE



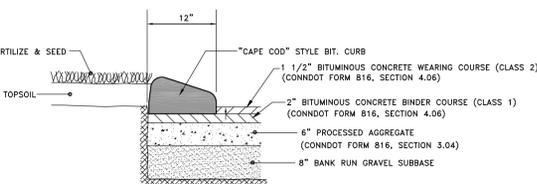
NOTE:
 4" YELLOW STRIPING STALLS
 4" YELLOW CROSS HATCHING

ALL SPECS FROM DOT FORM 817
 ADOPTED 2016

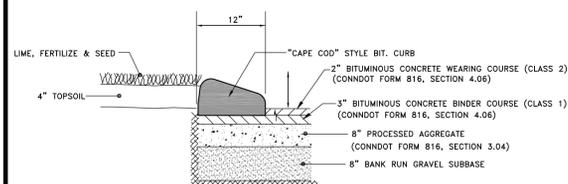
NO.	DESCRIPTION	DATE	BY
1	RESERVED ACCESSIBLE PARKING SPACES		



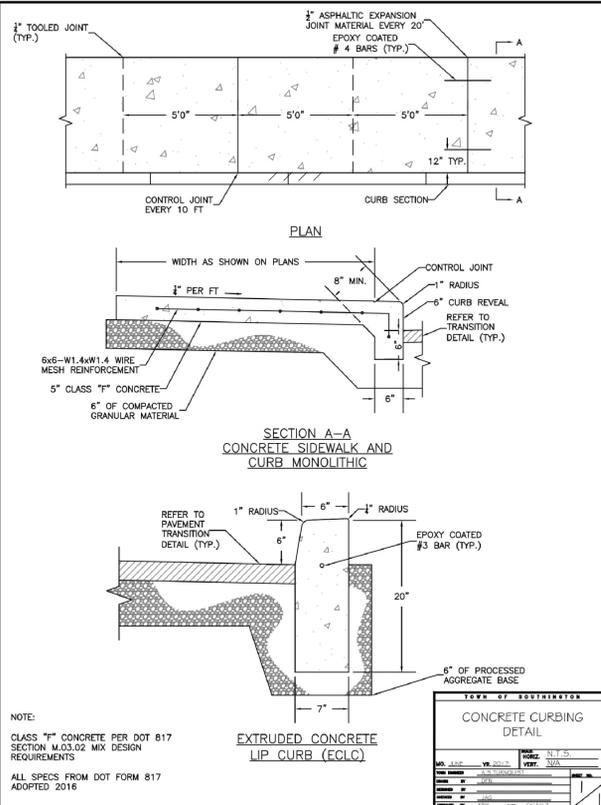
HANDICAPPED PARKING SIGN DETAIL
 NO SCALE



**BITUMINOUS CONCRETE PAVEMENT
 PARKING AREA SPACES
 (STANDARD DUTY)**
 N.T.S.



**BITUMINOUS CONCRETE PAVEMENT
 DRIVEWAYS AND ACCESS LANES
 (HEAVY DUTY)**



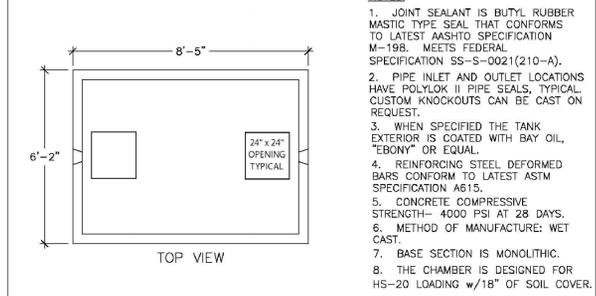
NOTE:

CLASS 7" CONCRETE PER DOT 817
 SECTION M.03.02 MIX DESIGN
 REQUIREMENTS
 ALL SPECS FROM DOT FORM 817
 ADOPTED 2016

NO.	DESCRIPTION	DATE	BY
1	CONCRETE CURBING DETAIL		

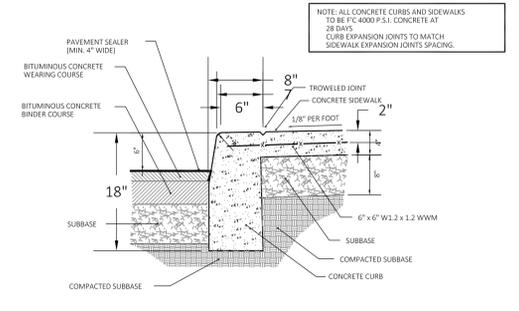
**1000 GALLON
 HS-20
 GREASE TRAP**

TANK DESIGN SPECIFICATIONS CONFORMS TO LATEST: ASTM DESIGNATION C913

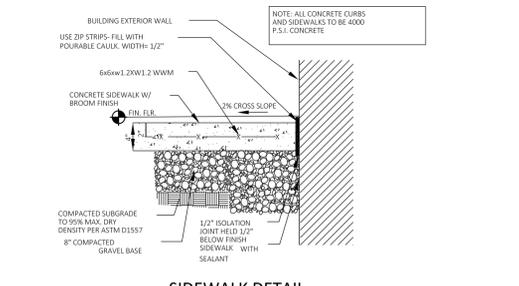


PRODUCT	APPROX WEIGHT
TANK	14300 LBS.

UNITED CONCRETE PRODUCTS INC.
 173 CHURCH STREET TEL. 800 234-3119 FAX. (203) 265-4941
 YALESVILLE, CT 06492 (203) 269-3119



**CONCRETE CURB DETAIL
 WITH MONOLITHIC SIDEWALK ONSITE**
 N.T.S.

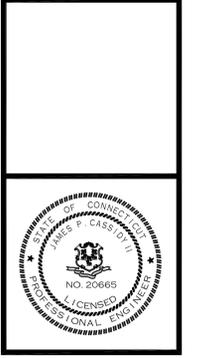


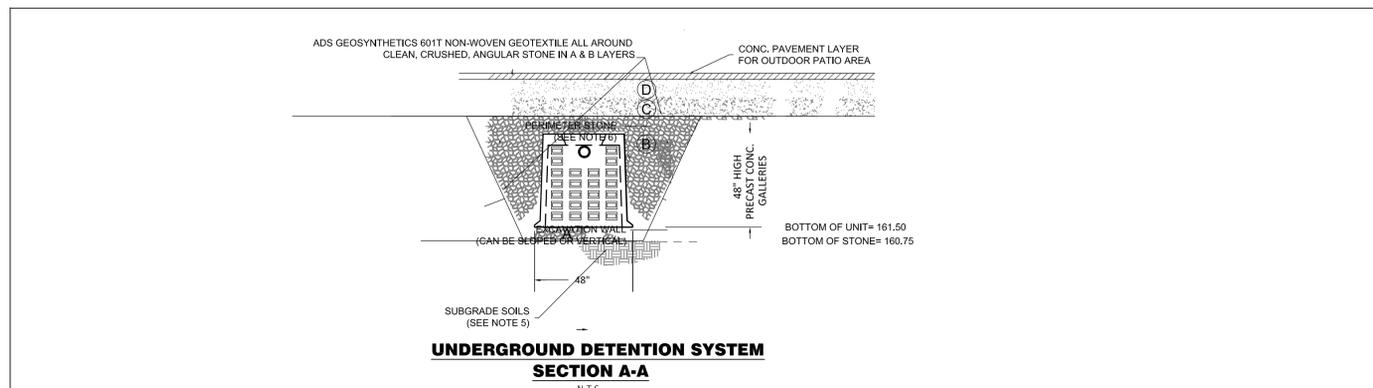
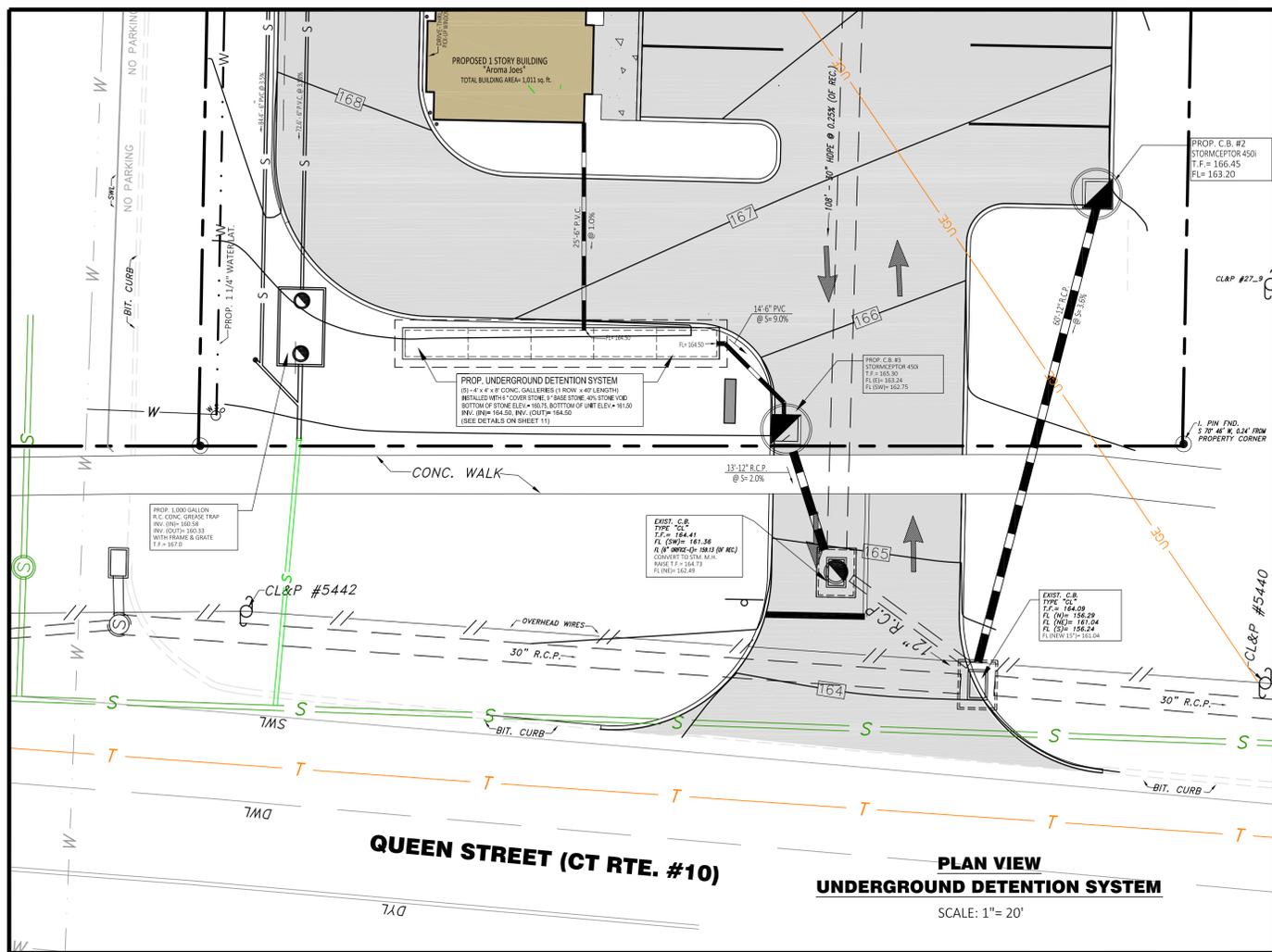
SIDEWALK DETAIL
 N.T.S.

CHECKED BY: J.P.C.	SCALE: AS SHOWN
DATE: MAY 08, 2024	DATE: MAY 08, 2024
DRAWN BY: J.M.P.	JOB No.: 3532
ACAD FILE: 3532.DET	SHEET: 10 OF 14
REVISIONS:	REVISIONS:
JUNE 04, 2024 PER TOWN COMMENT	JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
 CIVIL ENGINEERS & LAND SURVEYORS
 630 MAIN STREET, UNIT #1A
 CROWELL, CONNECTICUT 06416
 PHONE: (860) 529-6812, FAX: (860) 721-7709

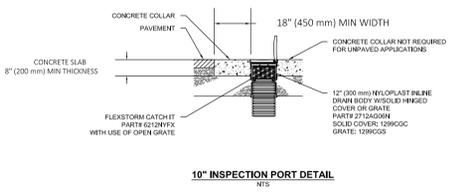
SITE DETAILS
 PREPARED FOR
Arma Joe's
 PREPARED FOR
Java Junction, LLC
 #279 QUEEN STREET (CT RTE. #10)
 SOUTHTON, CONNECTICUT





NOTES:

- CONCRETE GALLERIES SHALL CONFORM TO THE LATEST ASTM DESIGNATION C913.
- REINFORCING STEEL DEFORMED BARS TO CONFORM TO THE LATEST ASTM SPECIFICATION A615.
- CONCRETE COMPRESSION STRENGTH = 4,000 PSI AT 28 DAYS.
- "ACCEPTABLE FILL MATERIALS" TABLE BELOW PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATIONS, EMBEDMENT, AND FILL MATERIALS.
- THE "SITE DESIGN ENGINEER" REFERS TO THE ENGINEER RESPONSIBLE FOR THE DESIGN AND LAYOUT OF THE GALLERY UNITS FOR THIS PROJECT.
- THE GEO/TECT ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST EXTEND HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- ONCE LAYER "C" IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER "D" UP TO THE FINISHED GRADE, MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE



ACCEPTABLE MATERIALS: FOR CONCRETE GALLERIES (H-20 LOADING)

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATION	COMPACTION/DENSITY REQUIREMENTS
D	FINAL FILL: FILL MATERIAL FOR LAYER "D" STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF THE FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER "C" STARTS FROM THE TOP OF THE EMBEDMENT STONE (B' LAYER) TO 24" ABOVE TO OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2-A, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" OF MATERIAL OVER THE CHAMBERS (GALLERIES) IS REACHED. COMPACT ADDITIONAL LAYER IN 12" MAX. LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS (GALLERIES) FROM FOUNDATION 'A' LAYER TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 4	NO COMPACTION REQUIRED
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER (GALLERIES).	AASHTO M43 ¹ 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ¹

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATION ARE FOR GRADATIONS ONLY. THE STONE MUST BE CLEAN, CRUSHED, ANGULAR, FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTIONED IN 9" MAX. LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT THE MANUFACTURE FOR COMPACTION REQUIREMENTS.

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OFFEN LID ON NYLON/PLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER.
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2, IF NOT, PROCEED TO STEP 3.
 - ALL ISOLATOR ROWS
 - REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE(S) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY-iii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2, IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

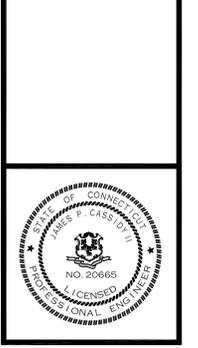
NOTES

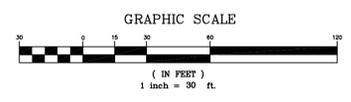
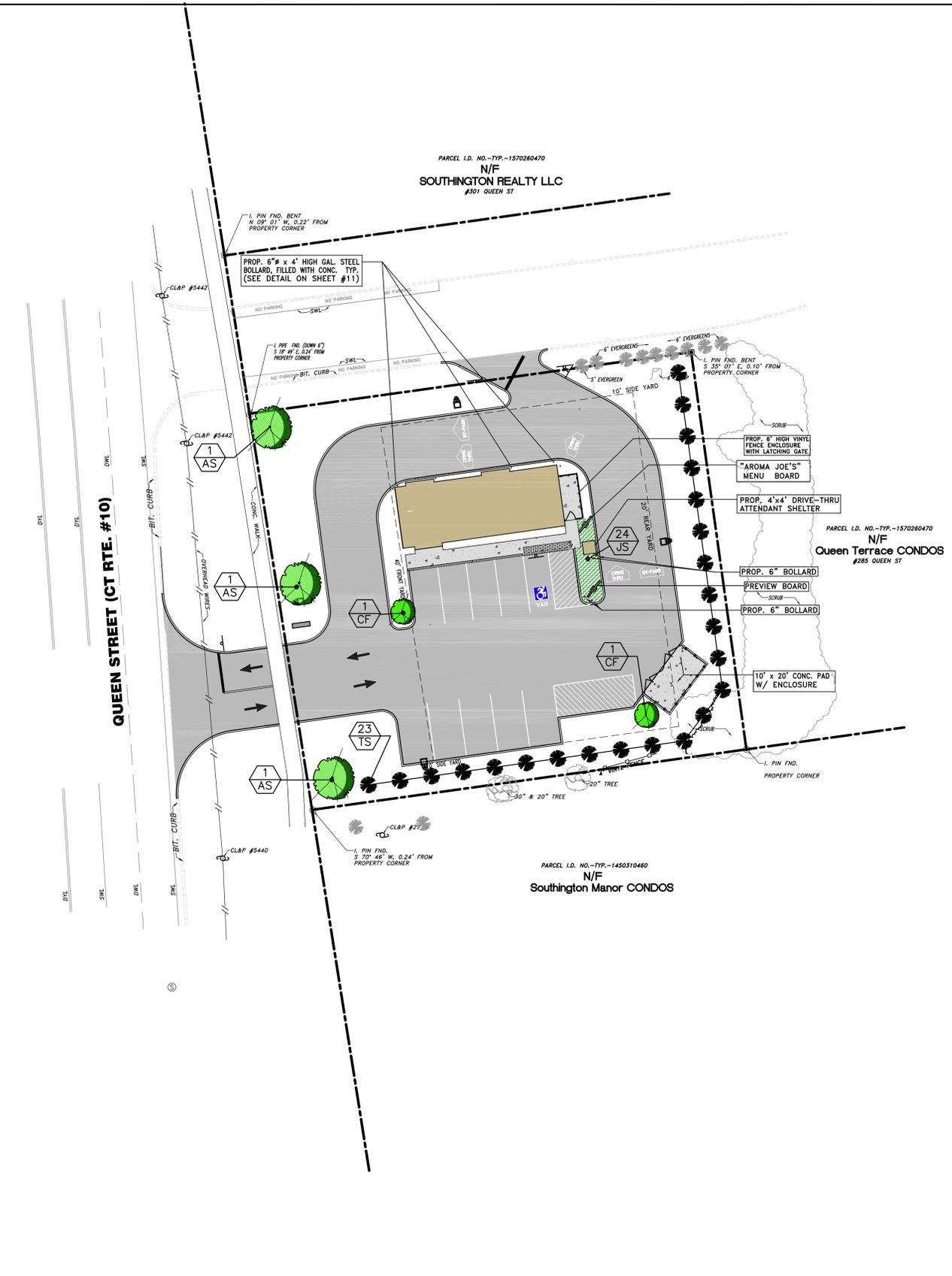
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION, ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

CHECKED BY: J.P.C.
SCALE: AS SHOWN
DATE: MAY 08, 2024
JOB No.: 3532
SHEET: 13 OF 14
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CROWELL, CONNECTICUT 06416
PHONE: (860)-529-6812, FAX: (860)-721-7709

SITE DETAILS
PREPARED FOR
Aroma Joe's
PREPARED FOR
Java Junction, LLC
#279 QUEEN STREET (CT RTE. #10)
SOUTHINGTON, CONNECTICUT





PLANT LIST:

KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE
TREES				
CF	CORNUS FLORIDA	FLOWERING DOGWOOD	2	15'-21" CALIP.
AS	ACER SACCHARUM	SUGAR MAPLE	3	25'-30" CALIP.
TS	THUJA STANDISHII x PLICATA	GREEN GIANT ARBORVITAE	23	4' HEIGHT
SHRUBS				
PERENNIALS / GRASSES / GROUND COVERS				
JS	JUNPERUS CHINENSIS 'SARGENTI VIRIDIS'	GREEN GARGENT JUNPER	24	1 GAL.

- PLANT NOTES:**
- ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK TO AAN STANDARDS.
 - THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWING, THE LARGER NUMBER SHALL APPLY.
 - ALL PLANTS SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE LOCATED ON SITE BY THE CONTRACTOR FOR APPROVAL OF THE LANDSCAPE ARCHITECT OR CIVIL ENGINEER. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT OR THE CIVIL ENGINEER AND WHICH ARE SUBSEQUENTLY REQUIRED TO BE MOVED WILL BE DONE AT THE CONTRACTOR'S EXPENSE.
 - PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON AND PLAN ARE TO BE FIELD STAKED BY THE CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS IN THE PREVIOUS NOTE.
 - ALL SHRUB MASSING AND TREE PITS SHALL BE MULCHED TO A DEPTH OF 3" WITH SHREDDED PINE BARK MULCH.
 - TREES SHALL NOT BE STAKED UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE VEGETATION AND SHALL REPLACE OR REPAIR ANY DAMAGED MATERIAL AT HIS OWN EXPENSE. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4445 PRIOR TO CONSTRUCTION.
 - ALL SHRUBS AND GROUND COVER PLANTING AREAS SHALL BE HAVE CONTINUOUS BEDS OF TOPSOIL 12" DEEP. ALL LAWN AREAS SHOULD HAVE A MINIMUM TOPSOIL BED OF 6".
 - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR CIVIL ENGINEER TO COORDINATE THEIR INSTALLATION.
 - FOR PLANTING SOIL MIX SEE SPECIFICATIONS OR PLANTING DETAILS.
 - ALL EXISTING RILL, GULL OR CHANNEL EROSION SHALL BE FILLED WITH APPROPRIATE BACKFILL MATERIAL, FINE RAKED, SCARPED AND STABILIZED WITH APPROPRIATE VEGETATIVE MATERIAL AND/OR APPROPRIATE SEDIMENTATION AND EROSION CONTROL MEASURES.
 - ADJUSTMENTS IN THE LOCATIONS OF THE PROPOSED PLANT MATERIAL AS A RESULT OF EXISTING VEGETATION TO REMAIN SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE REPAIR AND REPLACEMENT OF PLANT MATERIAL, AS REQUIRED, FOR THE DURATION OF THE PROJECT AND SUBSEQUENT WARRANTY PERIOD.
 - PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND / OR LAWN SEEDING OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS DIRECTED BY THE OWNER.
 - UPON COMPLETION OF PLANTING, REMOVE FROM SITE ALL EXCESS SOIL, MULCH, AND MATERIALS AND DEBRIS RESULTING FROM WORK OPERATIONS. CLEAN UP SHOULD BE COMPLETED AT THE END OF EACH WORKING DAY. RESTORE TO ORIGINAL CONDITIONS ALL DAMAGED PAVEMENTS, PLANTING AREAS, STRUCTURES AND LAWN AREAS RESULTING FROM LANDSCAPING OPERATIONS.
 - CONTRACTOR SHALL SURVEY, LOCATE, AND PROTECT ALL TREES WITHIN AREAS SHOWN AS "EXISTING VEGETATION TO REMAIN" WITHIN THE DEVELOPMENT ENVELOPE FOR REVIEW BY LANDSCAPE ARCHITECT OR CIVIL ENGINEER PRIOR TO CLEARING OPERATIONS.
 - CONTRACTOR TO RESEED ALL DISTURBED AREAS.

SEEDING AND MULCHING SPECIFICATIONS:

SEEDING MAY BE OF A PERMANENT OR TEMPORARY TYPE DEPENDING ON THE TIME OF YEAR IT IS DONE. PERMANENT SEEDING SHOULD BE DONE DURING THE PERIODS OF APRIL 1 THROUGH JUNE 1 OR AUGUST 15 THROUGH SEPTEMBER 1.

DISTURBED AREA THAT ARE TO BE RESEEDED SHALL BE TOPSOILED, LIMED & FERTILIZED PRIOR TO RESEEDING. LABORATORY TESTING OF THE TOPSOIL IS RECOMMENDED TO DETERMINE RATES OF APPLICATION FOR THE LIME AND FERTILIZER. LACKING SUCH TESTING THE FOLLOWING ARE RECOMMENDED:

LIME	2 TONS/ACRE (90 lbs./1000 sq ft.)
FERTILIZER (10-10-10)	(75 lbs./1000 sq ft.)

SEEDING RECOMMENDATIONS ARE AS FOLLOWS:

SEEDING RECOMMENDATIONS ARE AS FOLLOWS:	TEMPORARY - ANNUAL RYEGRASS	PERMANENT - KENTUCKY BLUE GRASS	PERMANENT - CREEPING RED FESCUE	PERMANENT - PERENNIAL RYEGRASS	TOTAL
	80 LBS./ACRE	80 LBS./ACRE	80 LBS./ACRE	80 LBS./ACRE	480 LBS./ACRE

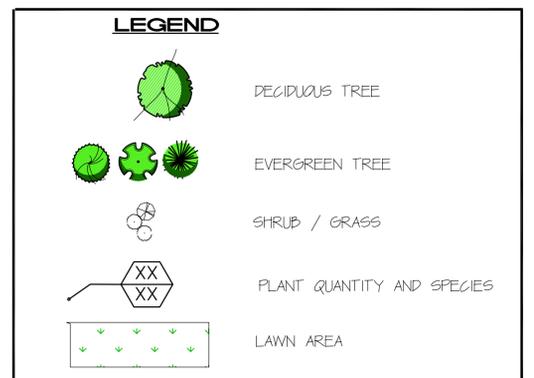
-HYDROSEED WITH A TACKIFIER SHOULD BE USED ON ALL EXPOSED SOILS.

-MULCHING SHALL BE OF A TEMPORARY TYPE, TO PROTECT THE SOIL & SEED FROM EROSION AND TO ALSO PROMOTE PLANT GROWTH. MULCHING SHALL BE DONE AFTER FINAL GRADING AND SEEDING.

-MULCHING RECOMMENDATION ARE AS FOLLOWS:
 -STRAW OR HAY (FREE FROM WEEDS AND COARSE MATTER)
 -SPREAD WITH MULCH BLOWER OR BY HAND
 -APPLY @ RATE OR 10 - 30 LBS/100 SQ. FT.

INSTALLATION SCHEDULE and MAINTENANCE PLAN:

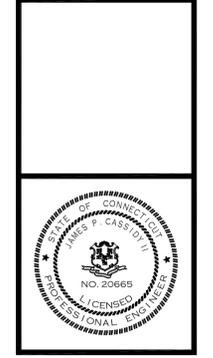
- PLANTING ONLY UNDER FAVORABLE WEATHER CONDITIONS. PLANTING WILL NOT BE PERMITTED WHEN GROUND IS FROZEN OR EXCESSIVELY MOIST.
 PERIODS MATERIAL:
 SPRING: MARCH 21 TO JUNE 01
 FALL: SEPT. 01 TO NOV. 01
 - IF PLANTING DURING PEAK SUMMER MONTHS OF JULY AND AUGUST, CONTRACTOR SHALL AGGRESSIVELY IRRIGATE PLANTS TO ENSURE ESTABLISHMENT AND SURVIVAL.
- DO NOT PLANT WHEN GROUND IS FROZEN, SNOW COVERED, OR MUDDY.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE REPAIR AND REPLACEMENT OF PLANT MATERIAL AS REQUIRED FOR THE DURATION OF THE PROJECT AND SUBSEQUENT PERIOD OF ONE FULL YEAR FROM COMMENCEMENT OF PLANT INSTALLATION.

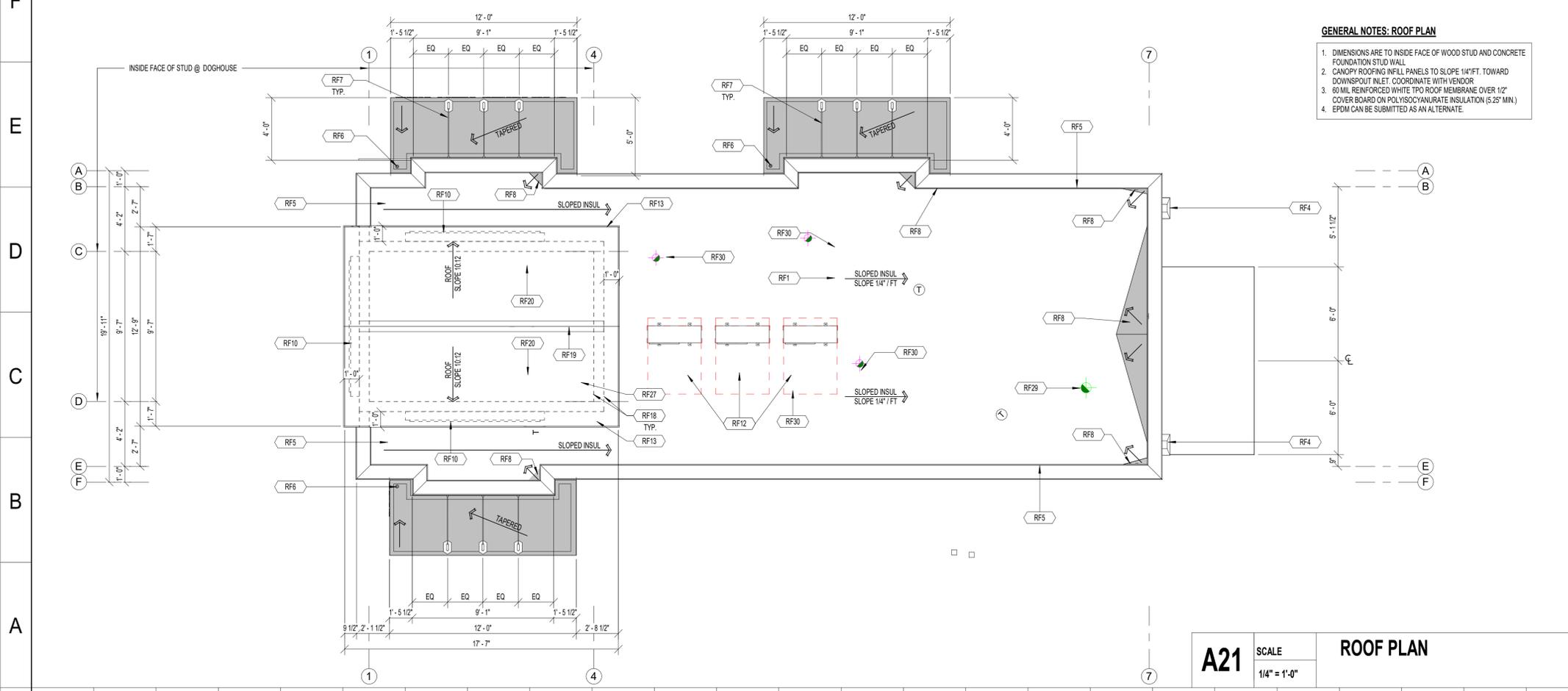
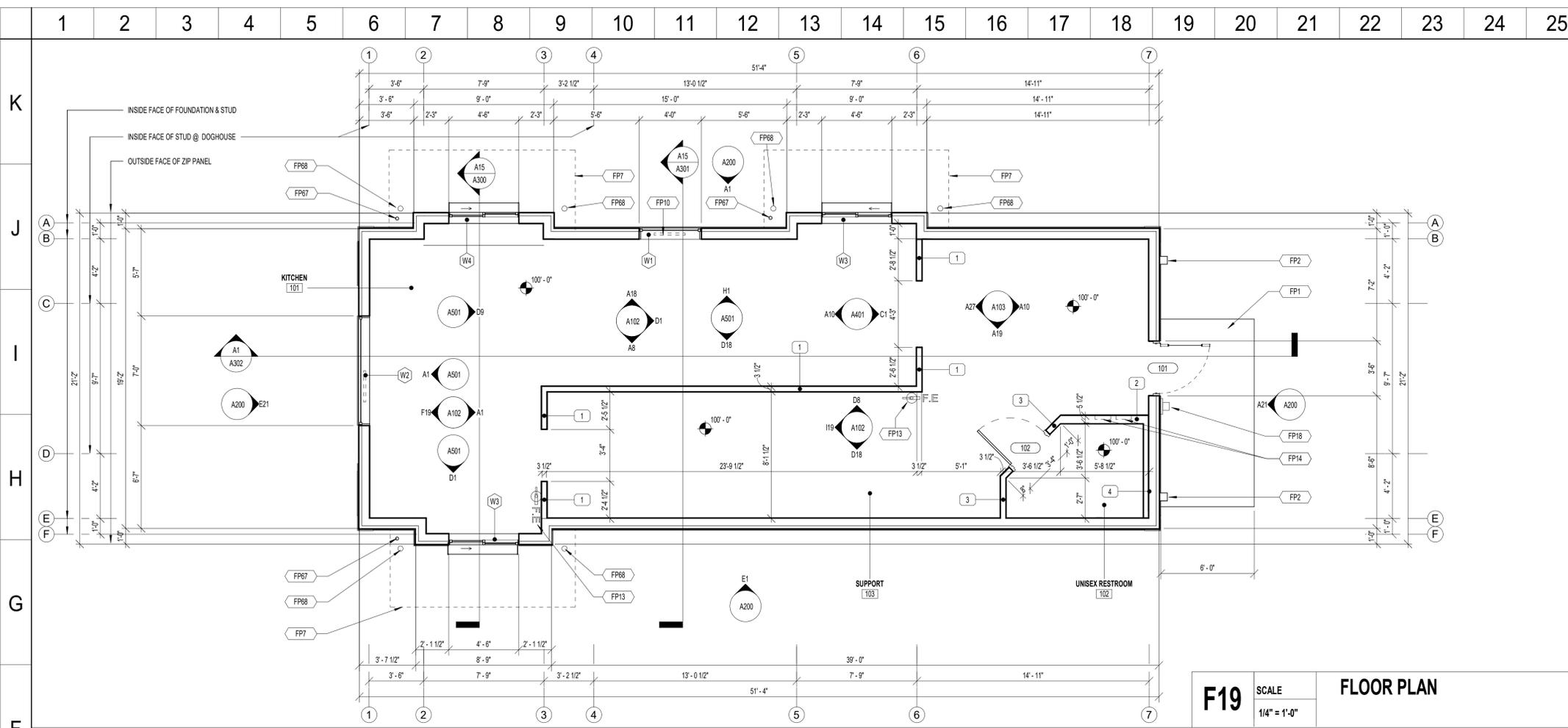


CHECKED BY: J.M.P./J.L.K.
 SCALE: 1" = 20'
 DATE: MAY 08, 2024
 JOB No.: 3532
 DRAWN BY: J.P.C.
 ACAD FILE: 3532-Z1
 SHEET: **LS** OF: **1**
 REVISIONS: JUNE 04, 2024 PER TOWN COMMENT

HALLISEY, PEARSON & CASSIDY
 CIVIL ENGINEERS & LAND SURVEYORS
 630 MAIN STREET, UNIT #1A
 GROWELL, CONNECTICUT 06416
 PHONE: (860)-529-6812, FAX: (860)-721-7709

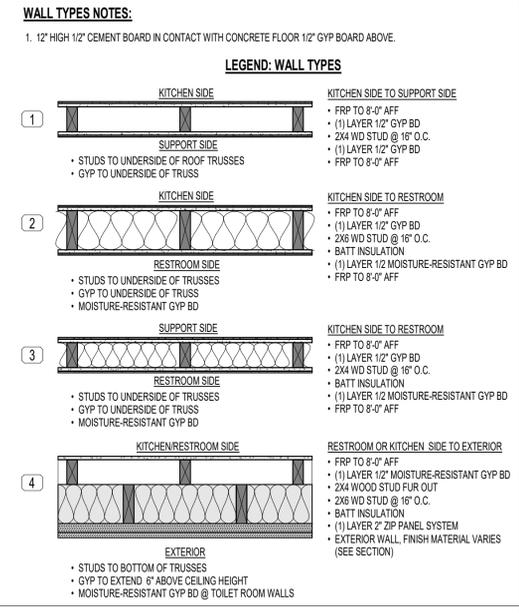
SITE LANDSCAPING PLAN
 PREPARED FOR
Aroma Joe's
 PREPARED FOR
Java Junction, LLC
 #279 QUEEN STREET (CT RTE. #10)
 SOUTHTON, CONNECTICUT





GENERAL NOTES: FLOOR PLANS

- PROTECT ALL FINISHES FROM DAMAGE
- EXTERIOR DIMENSIONS ARE FROM THE FACE OF SHEATHING
- INTERIOR DIMENSIONS ARE FROM FACE OF GYP. BD.
- ALL FLOOR ELEVATIONS, UNLESS NOTED OTHERWISE, ARE RELATIVE TO A FINISH FLOOR ELEVATION OF 100'-0". CONTRACTOR SHALL COORDINATE RELATIVE SITE ELEVATION TO FINISH FLOOR ELEVATION WITH CIVIL ENGINEER.
- SEE CIVIL FOR SITE, SIDEWALK, CURB



GENERAL NOTES: ROOF PLAN

- DIMENSIONS ARE TO INSIDE FACE OF WOOD STUD AND CONCRETE FOUNDATION STUD WALL
- CANOPY ROOFING INFILL PANELS TO SLOPE 1/4"/FT. TOWARD DOWNSPOUT INLET. COORDINATE WITH VENDOR
- 60 MIL REINFORCED WHITE TPO ROOF MEMBRANE OVER 1/2" COVER BOARD ON POLYISOCYANURATE INSULATION (5.25" MIN.)
- EPDM CAN BE SUBMITTED AS AN ALTERNATE.

CANOPY SYSTEM NOTES

- CANOPY INFORMATION SHOWN IN CONSTRUCTION DOCUMENTS IS FOR DESIGN INTENT ONLY. APPROVED MANUFACTURERS SHALL PROVIDE A COMPLETE AND CODE COMPLIANT FINAL DESIGN, SIGNED / SEALED DRAWINGS SHALL BE PROVIDED TO STRUCTURAL ENGINEER AND ARCHITECT FOR COORDINATION AND APPROVAL
- CANOPY TIEBACKS BY MANUFACTURER TO BE LOCATED AS INDICATED ON CANOPY SUPPLIER / DESIGNER DRAWINGS.
- WHERE INDICATED ON ROOF PLAN, PROVIDE PANEL INFILL WITH INTEGRAL GUTTER AND SCUPPER TO MATCH OUTRIGGERS. PANEL TO PROVIDE POSITIVE SLOPE FOR DRAINAGE.
- SYSTEM SHALL ALLOW FOR MOVEMENT AT EXPANSION JOINTS AND FOR MOVEMENT OF EXTERIOR WALL SYSTEM ON WHICH THE CANOPY IS MOUNTED.
- STRUCTURAL ATTACHMENTS AND LOAD CALCULATIONS SHALL BE FURNISHED BY CANOPY SYSTEM DESIGNER OF RECORD. SUPPLIER'S DESIGNER OF RECORD SHALL DESIGN PER PREVAILING CODES AND COORDINATE DESIGN WITH BUILDING STRUCTURAL ENGINEER / ARCHITECT.
- INSTALLER SHALL NOTIFY CANOPY DESIGNER OF RECORD, GC AND ARCHITECT OF ANY DEFICIENCIES THAT WOULD NOT ALLOW FOR THE PROPER INSTALLATION OF THE CANOPY. CANOPY SHALL NOT BE INSTALLED UNTIL DEFICIENCIES HAVE BEEN CORRECTED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND THE CANOPY MANUFACTURER'S INSTALLATION INSTRUCTIONS.

KEYNOTE LEGEND

FP1	CONCRETE SLAB SLOPE 1/4"/FT. AWAY FROM BUILDING.
FP2	PREFINISHED SHEET METAL DOWNSPOUT. TIE-IN DOWNSPOUT TO UNDERGROUND STORM DRAIN. COORDINATE WITH CIVIL.
FP7	LINE OF CANOPY ABOVE
FP10	SUSPENDED NEON SIGN.
FP13	FIRE EXTINGUISHER BRACKET MOUNTED TO WALL, BLOCKING BEHIND AS REQUIRED
FP14	ELECTRICAL PANEL, REFERENCE MEP.
FP18	ELECTRICAL DISCONNECT AND METER, REFERENCE MEP.
FP67	2" CANOPY DOWNSPOUT
FP68	BOLLARD, PAINTED HIGH REFLECTIVE WHITE.
RF1	ROOF SLOPE 1/4" PER FOOT MINIMUM. ARROWS INDICATE DOWNWARD DIRECTION OF FLOW.
RF4	ROOF SCUPPER AND CONDUCTOR HEAD. COORDINATE HEIGHT TO CLEAR TRIM BOARD. SEE DETAIL (G10/A3.10)
RF5	PREFINISHED SHEET METAL COPING. COLOR TO MATCH C3, RE: A201
RF6	CANOPY DOWNSPOUT TO TIE INTO STORM DRAIN AND PAINTED BLUE. BRACKET BELOW PAINTED TO MATCH AND ATTACH TO BUILDING. COORDINATE WITH CIVIL AND CANOPY MANUFACTURER.
RF7	CANOPY TIEBACK.
RF8	BUILT-UP ROOF CRICKET. FLOW LINE OF CRICKET SHALL NOT BE LESS THAN 1/2"/FT. IN THE DIRECTION OF FLOW.
RF10	SIGNAGE BY OTHERS. SEE ELEVATION FOR ADDITIONAL INFO.
RF12	CONDENSING UNIT. REFERENCE MEP FOR POWER REQUIREMENTS. REFERENCE STRUCTURAL FOR MOUNTING REQUIREMENTS.
RF13	SOFFIT VENT EACH SIDE.
RF18	DASHED LINES REPRESENT WALLS BELOW.
RF19	CONTINUOUS RIDGE VENT.
RF20	ASPHALT SHINGLES.
RF27	ROOF INSULATION INSIDE DOGHOUSE.
RF29	EXHAUST
RF30	OUTSIDE AIR INTAKE

NOT FOR CONSTRUCTION

TK ARCHITECTS INTERNATIONAL

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AROMA JOE'S
CONCORD
PROTOTYPE V3.0

CONCORD
PROTOTYPE V3.0

2023.10.23

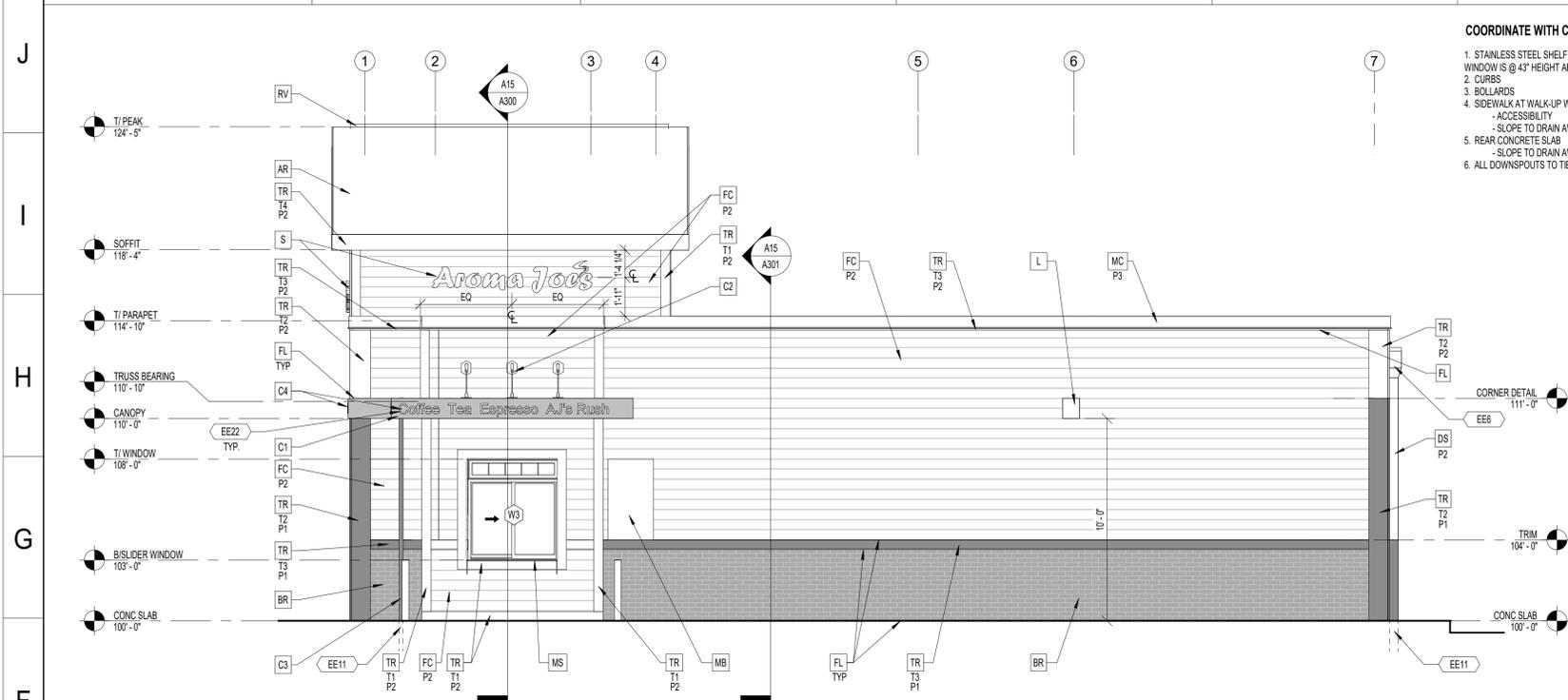
Revision Schedule		
#	Date	Description

PROJECT #
23627

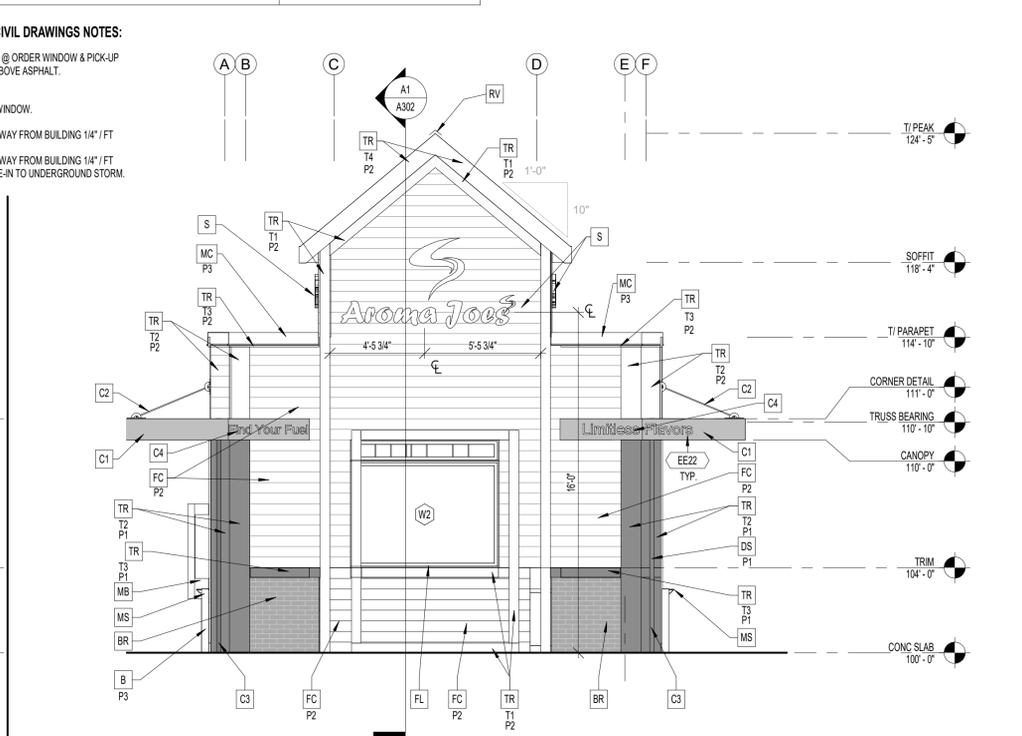
FLOOR PLAN &
ROOF PLAN

SHEET NUMBER
A100

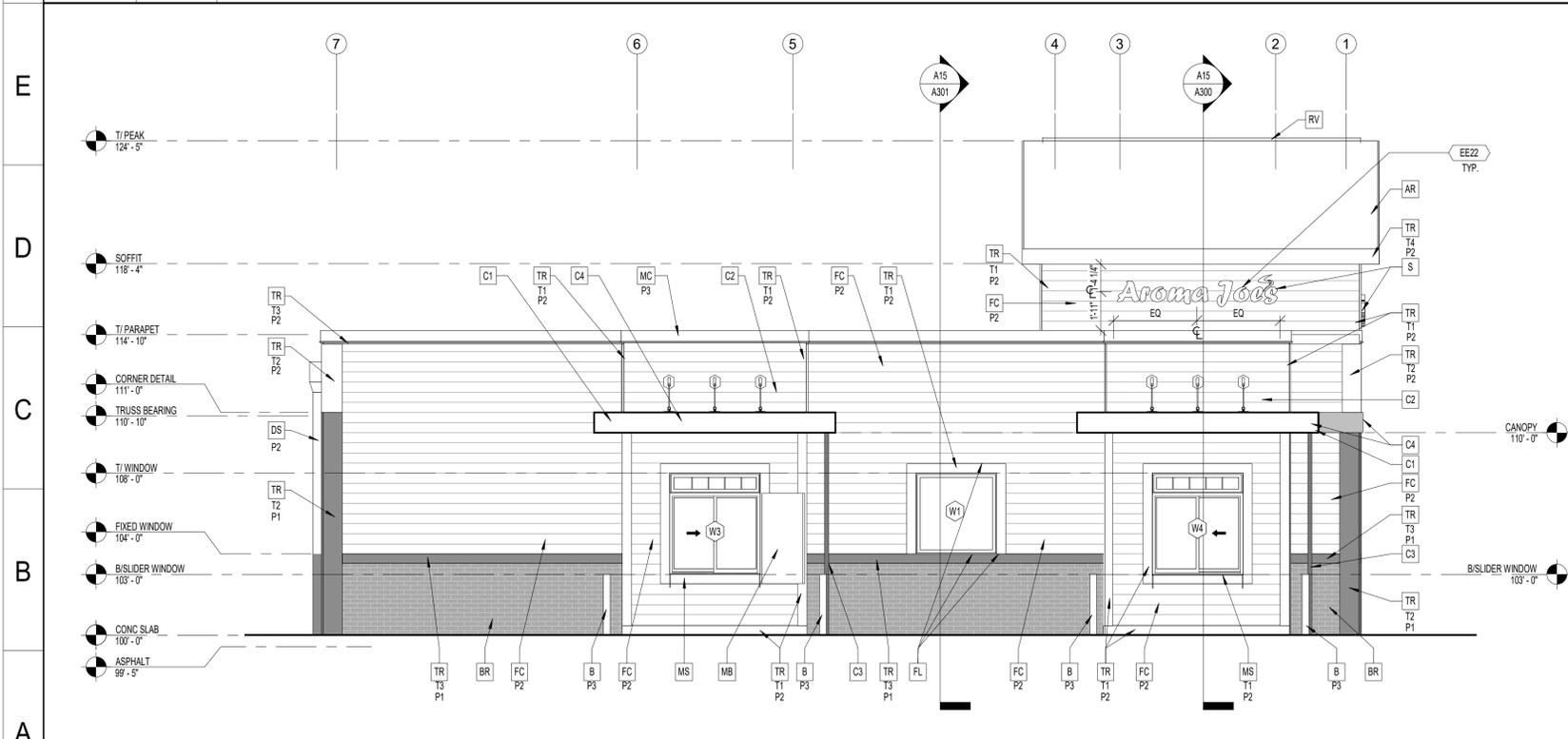
KEYNOTE LEGEND												KEYNOTE LEGEND											
AR	ASHALT/FIBERGLASS ARCHITECTURAL SHINGLES KO CAMBRIDGE AR - CHARCOAL GRAY	C1	ALUMINUM CANOPY SYSTEM (COLOR: MATCH P1) COORDINATE WITH CANOPY VENDOR	C4	ALUMINUM SIGNBAND MATCH P-1. COORDINATE WITH CANOPY VENDOR. PLEASE NOTE: MOUNTED ON BORAL TRIM T2 PAINTED P1	FC	HARDIE LAP SIDING SERIES: HARDIE SMOOTH PRIMED COLOR: P1 = BLUE P2 = WHITE	MB	MENU BOARD	P	PAIN COLOR: P1 = 'AJ BLUE' - A897154 GALLON W1: 2432 L1: 6132 R4: 3532 P2 = 'AJ WHITE' - COLOR TO MATCH 'C2' FIBER CEMENT HARDIE SIDING 'ARCTIC WHITE' P3 = 'AJ GRAY' - AGED PEWTER	TR	BORAL TRIM TYPE: T1 = 5/4 x 6 T2 = 5/4 x 12 T3 = 1 x 6 T4 = 1 x 10 P1 = BLUE P2 = WHITE P3 = GRAY	W2	DRIVE-THRU WINDOW → SLIDE DIRECTION	EE6	PREFINISHED SHEET METAL CONDUCTOR HEAD, SCUPPER, AND DOWNSPOUT. MATCH WHITE SIDING.						
B	BOLLARD - 4" STEEL PIPE CONCRETE FILLED - PAINT GRAY	C2	CANOPY TIE-BACK (COLOR: MATCH P2) WITH WHITE BORAL TRIM EXCUT/CHON	D	DOOR, FRAME, AND TRIM - PAINTED P1	FL	FLASHING, TYP.	MC	METAL COPING COLOR: P3 = GREY	RV	RIDGE VENT	W3	EXTERIOR WINDOW ASSEMBLY - SEE WINDOW FRAME LEGEND ON A601	EE11	TIE DOWNSPOUT TO STORM DRAIN. COORDINATE WITH CIVIL.	EE22	FASCIA SIGNAGE BY OWNER VENDOR ON T2 TRIM.						
BR	QORA CLADDING SERIES: BRICK PANEL SYSTEM COLOR: TRADITIONAL BLACK - CUSTOM COLOR SIZE: 18"x48"	C3	CANOPY DOWN SPOUT & BRACKETS (COLOR: MATCH P1). TIED TO U.G. STORM SEWER, TYP.	DS	SHEET METAL SCUPPER & DOWNSPOUT - PAINTED P2 WHITE	L	WALL SCONCE LIGHT FIXTURE - SEE ELECTRICAL	MS	6" STAINLESS STEEL SHELF - PROVIDE BLOCKING	S	CENTERED ILLUMINATED SIGNAGE BY OTHERS UNDER SEPARATE PERMIT - GC PROVIDE POWER/BLOCKING												



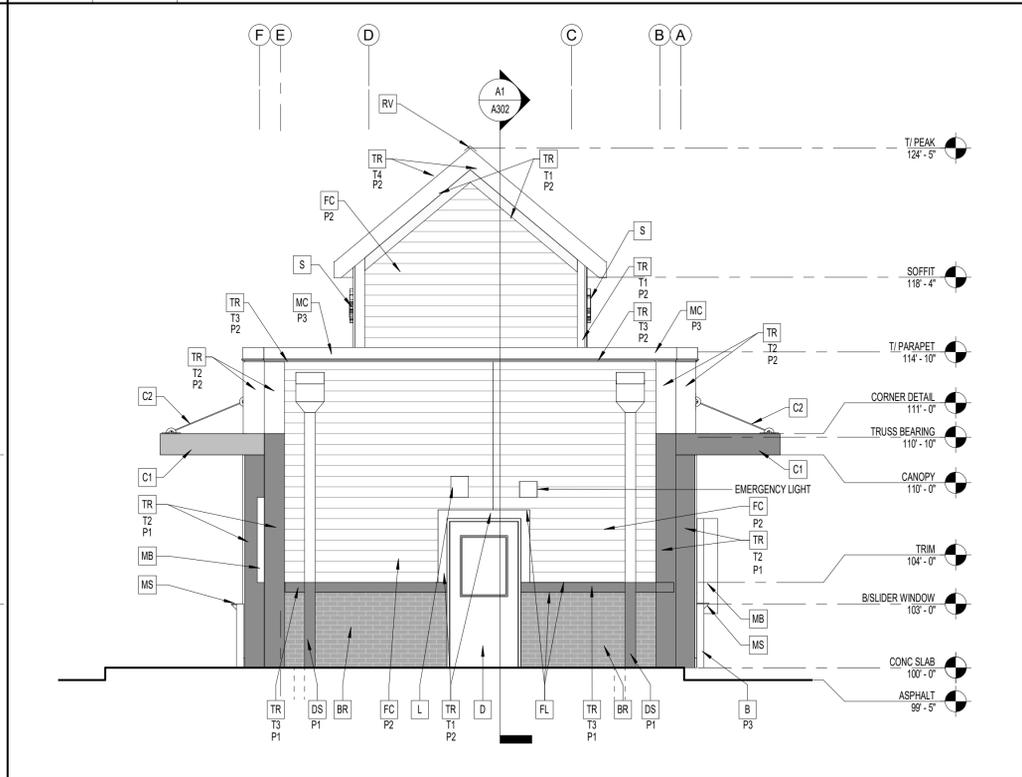
E1 SCALE 1/4" = 1'-0" **RIGHT ELEVATION**



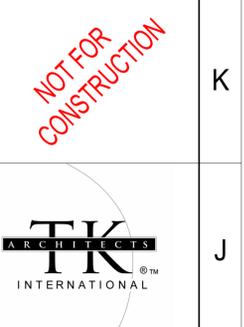
E21 SCALE 1/4" = 1'-0" **FRONT ELEVATION**



A1 SCALE 1/4" = 1'-0" **LEFT ELEVATION**



A21 SCALE 1/4" = 1'-0" **REAR ELEVATION**



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EXTERIOR
ELEVATIONS

SHEET NUMBER
A200

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