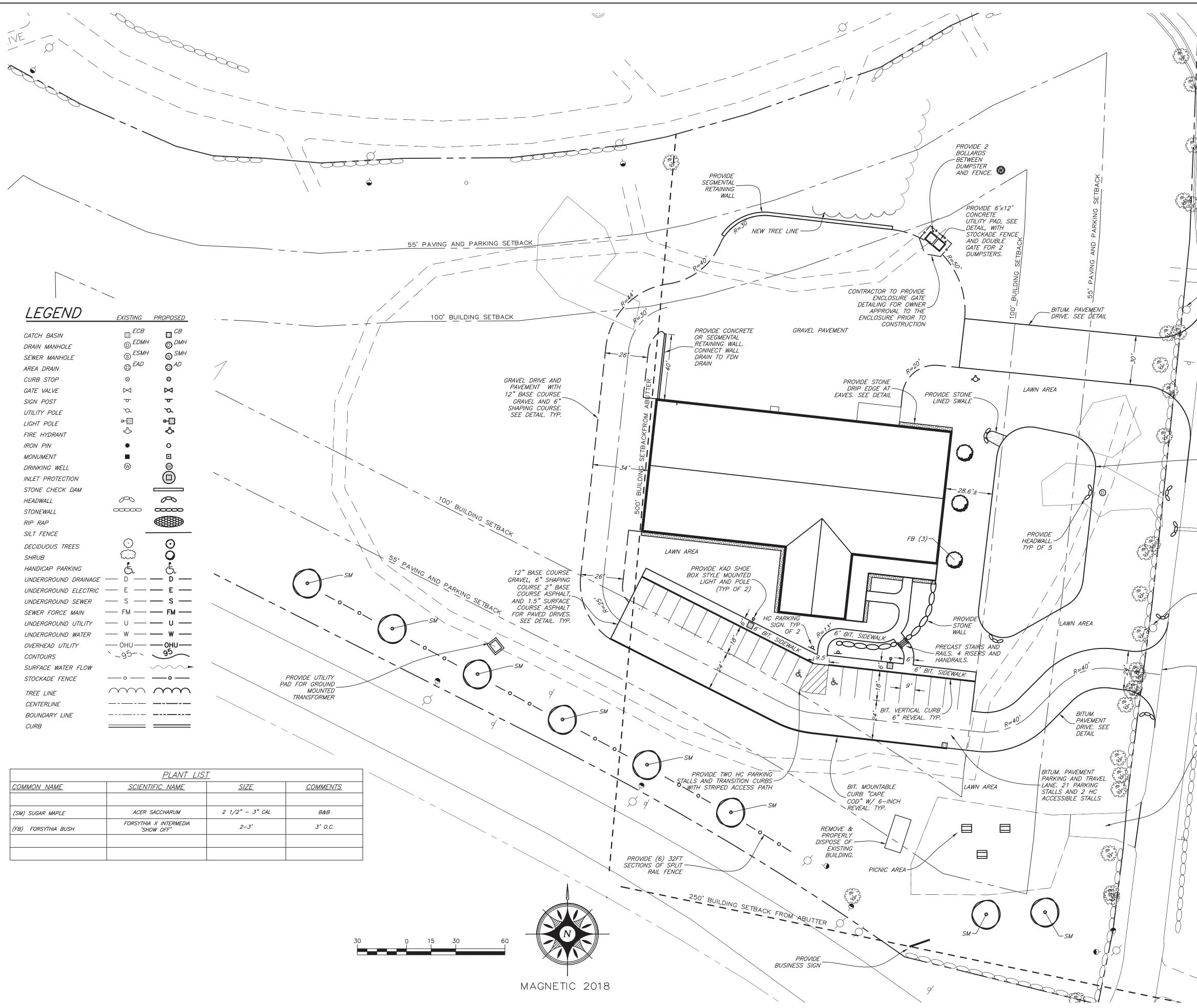
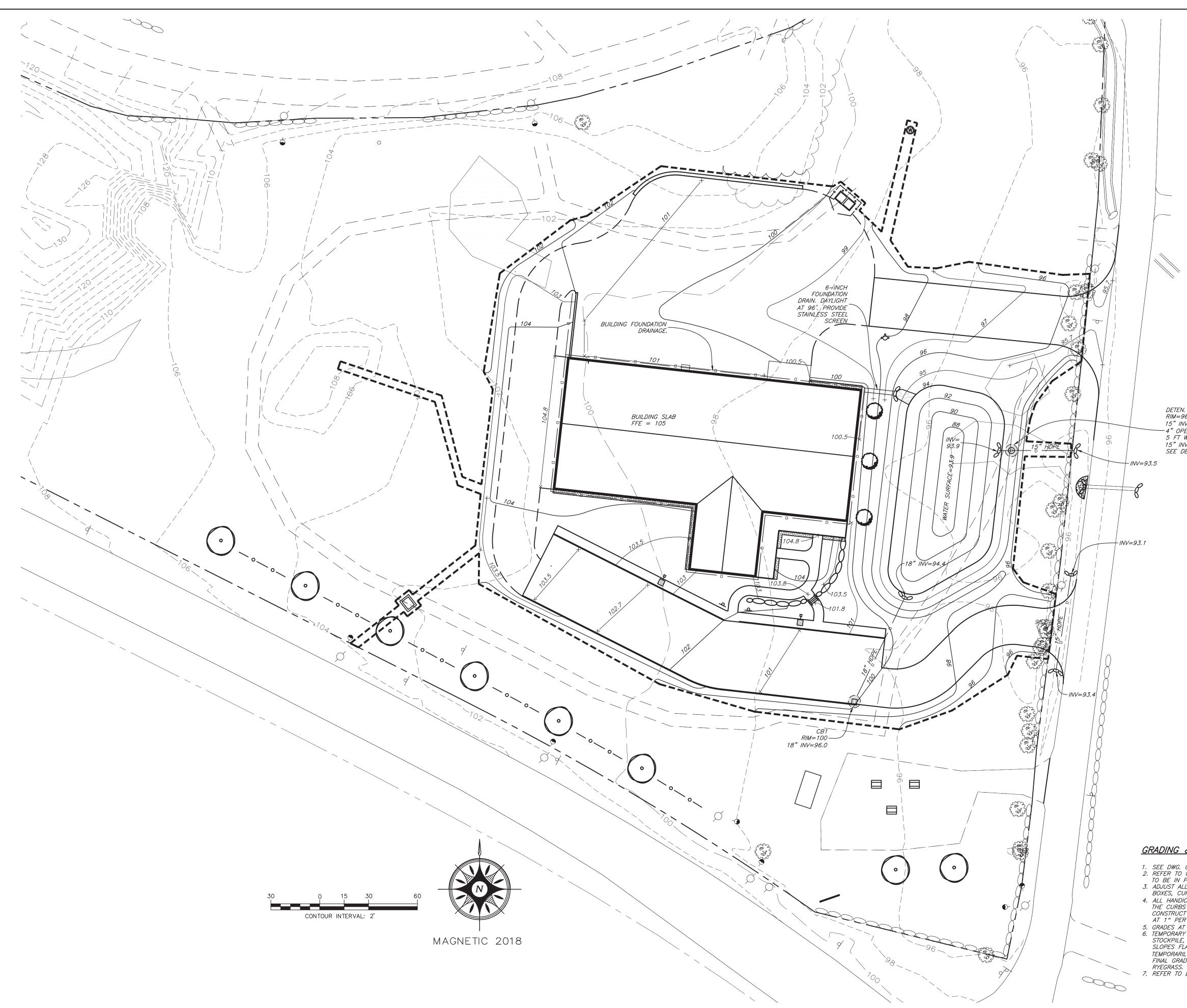


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	ROBERT K STEVENS No. 8812 Comstoned
CONTRACTOR TO PREVENT MIGRATION OF SEDIMENT BEYOND LIMITS OF DISTURBANCE. PROVIDE TEMPORARY STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL	PURPOSE OF DRAWING: JUNE 9, 2020 PERMITTING
BUILD AND INSTALL POND AND DETEN. STRUCTURE FIRST. STAGE EXCAVATION WITH USE OF MATERIALS ——SILT FENCE, TYP.	
CULVERT INLET PROTECTION. SEE DETAIL AND RE-USE STONE, TYP TOR TO PREVENT MIGRATION OF T BEYOND LIMITS OF ANCE. PROVIDE TEMPORARY ED CONSTRUCTION ENTRANCE, 4/L	BEN'S SUGAR SHACK WEBSTER HIGHWAY TEMPLE, NH PREPARED FOR: BEN'S MAPLE PRODUCTS LLC 83 WEBSTER HIGHWAY TEMPLE, NH
PREP PLAN GENERAL NOTES:	DATE: REVISION:
E DWG, C-3 FOR LEGEND. E OWG, C-3 FOR LEGEND. E CONTRACTOR SHALL ENSURE THAT ALL LOCAL AND STATE PERMITS HAVE BEEN TAINED PRIOR TO CONSTRUCTION. E CONTRACTOR SHALL ENSURE THAT ALL LOCAL AND STATE PERMITS HAVE BEEN TAINED PRIOR TO CONSTRUCTION. E CONTRACTOR SHALL ENSURE THAT ALL LOCAL AND OPERATIONS TO THE SITE. THE LIMITS OF NSTRUCTION SHALL BE CONSIDERED TO BE THE PROPERTY LINES UNLESS OTHERWISE TED. E CONTRACTOR SHALL BE CONSIDERED TO BE THE PROPERTY LINES UNLESS OTHERWISE IEO. TRANCE PRIOR TO THE START OF ANY CONSTRUCTION. THE EROSION CONTROL MEASURES INSTRUCTION OF THE PLANS SHALL BE CONSIDERED A MINIMUM AND SHALL BE REVISED AS NSTRUCTION CONDITIONS WARRANT. E CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES AND TREE PROTECTION R THE DURATION OF THE PROJECT. REMOVAL OF ANY EROSION CONTROL MEASURES OR THE ENDRER. CONTRACTOR STRIP TOPSOIL. REMOVE TREES, STUMPS, VEGETATION, ROTS, OR THE CONTRECT. AR GRUB AND STRIP TOPSOIL. REMOVE TREES, STUMPS, VEGETATION, ROTS, OR THE OBJECTIONABLE MATERAL. TOPSOIL TO BE STOCKPILED WHERE SHOWN ON PLANS. BUILZE DISTURBED AREAS THAT ARE FINISHED OR WILL NOT BE WORKED FOR 21 DAYS LONGER. MATERIALS TO BE REMOVED SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH I JOCAL, STATE AND FEDERAL REGULATIONS. WITRACTOR TO REMOVE AND PROPERLY DISPOSE OF ALL EXISTING WALKS, CURBS, DRIVES, RVING & MISC. DEBRIS, UNLESS OTHERWISE NOTED. WATER FROM DEWATENING OPERATIONS SHALL PASS THROUGH THE SEDIMENT TRAP IOR TO DISCHARCE. NO SEDIMENT LADEN WATER FROM DEWATERING OPERATIONS WILL ALLOWED TO LEAVE THE SITE. EXER CONSTRUCTION GENERAL NOTES: NITRACTOR SHALL STORE SNOW ON PERIMETER OF WORK AREA. NO SNOW MAY BE RVED IN DIVERSION SWALES OR THE SEDIMENT TRAP. ALL DRAINAGE STRUCTURES MUST KEPT OPEN AND FREE OF SNOW AND ICE DAMS. LICH USED FOR TEMPORARY STABILIZATION MUST BE APPLIED AT DOUBLE THE STANDARD THE, OR AMINIMUM OF 3 INCHES WITH AN 80–90% COVER. EROSION CONTROL BLANKET YE LUSED INSTEAD OF MULCH. ENSURE DONG THE STABILIZED AT THE END OF EACH WORK WILL	SITE PREP DES. BY HRH DWN. BY EEF CHKD. BY JP SCALE AS SHOWN DATE 06/09/2020 PROJECT NUM: 20-024 DWG. NO. C-2 SHEET 3 OF 8

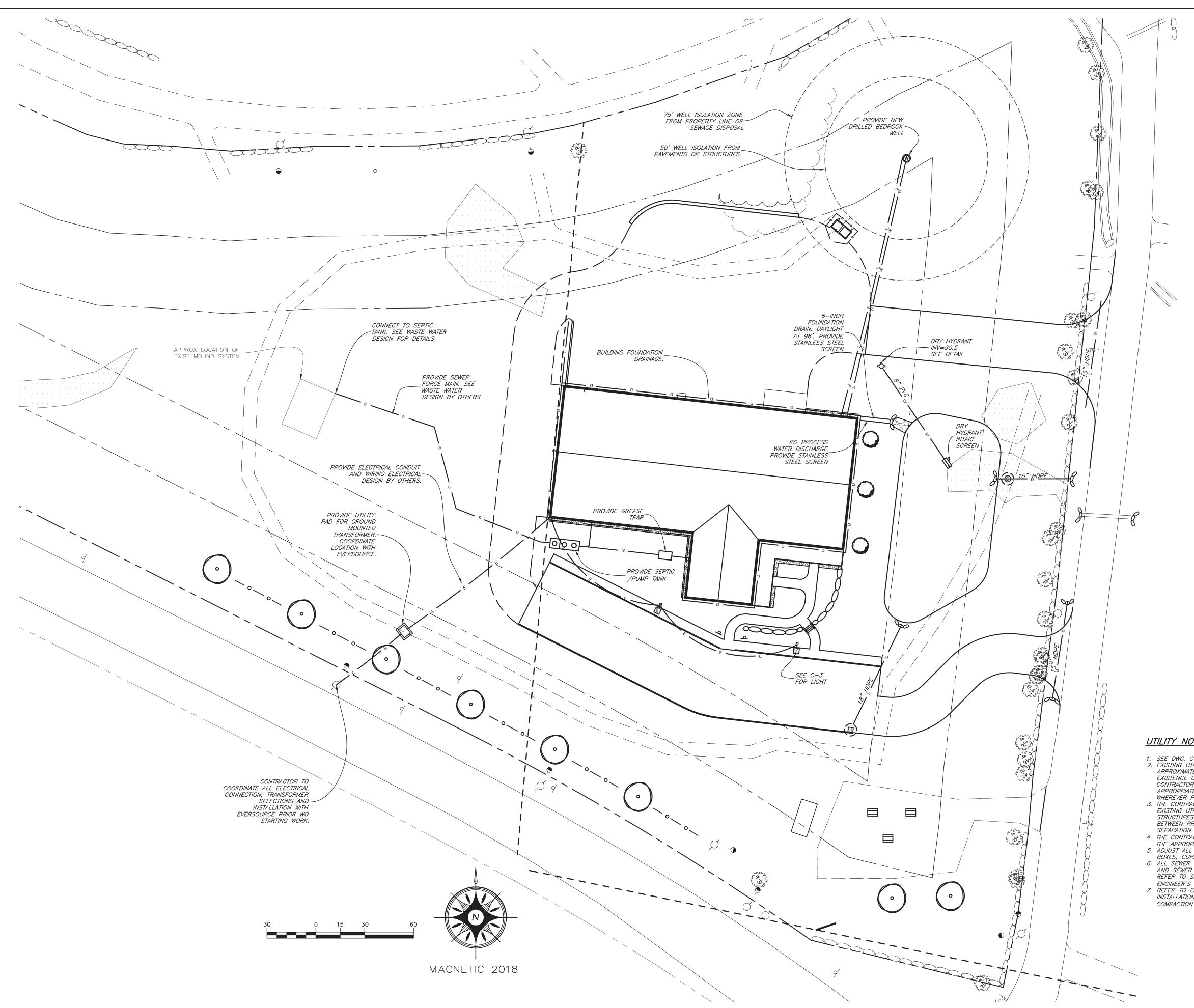


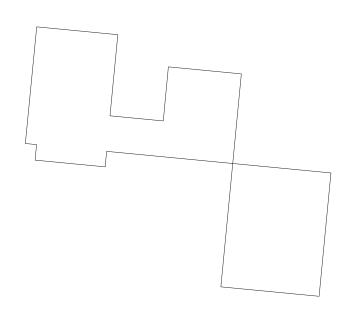
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PROVIDE POLE MOUNTED LED STREET LIGHT LAMP TO EXISTING POLE PROVIDE 30' PAVED TRUCK ENTRANCE WITH 20' RADIUS APRON	PURPOSE OF DRAWING: JUNE 9, 2020
NEW STORMWATER AND RO WATER POND	
PROVIDE POLE MOUNTED LED STREET LIGHT LAMP TO EXISTING POLE	BEN'S SUGAR SHACK WEBSTER HIGHWAY TEMPLE, NH PREPARED FOR: BEN'S MAPLE PRODUCTS LLC 83 WEBSTER HIGHWAY TEMPLE, NH
PROVIDE 24' CAR ENTRANCE WITH 20' RADIUS APRON ENTRANCE TO BE ABANDONED AND REMOVE 12" GRAVEL AND REPLACE WITH COMMON FILL, 4" LOAM, AND SEED	DATE: REVISION:
 LAYOUT NOTES: ALL CURBS TO BE ASPHALT WITH 6" REVEAL UNLESS NOTED. (SEE DETAIL). CURB REVEAL AT HANDICAP RAMPS SHALL BE AS SHOWN ON THE HANDICAP CURB DETAIL, INCLUDING TACTILE WARNING STRIP (DETECTABLE WARNING SURFACE). TACTILE WARNING STRIP SHALL BE A SURFACE APPLIED PRODUCT. ALL WALKS ARE 6' WIDE ASPHALT UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR MAY PROVIDE CONCRETE WALKS. (SEE SIDEWALK DETAIL OR TYPICAL PAVEMENT & CURB DETAIL, AS REQUIRED). SEE PLAN FOR VARYING WALK WIDTHS. POLE MOUNTED LIGHTS ARE MOUNTED AT 15'. POLE HEIGHT SHALL BE MEASURED FROM FINISH GRADE TO THE FIXTURE. ADJUST POLE, AS REQUIRED FIXTURES STALL BE A SHIELDED 100 WATT LED LIGHT. REFER TO SITE IMPROVEMENTS SPECIFICATION. POLE BASE SHALL HAVE 4" REVEAL UNLESS OTHERWISE NOTED. (SEE ARCH. PLANS FOR WALL MOUNTED LIGHT). REFER TO ELECTRICAL AND ARCHITECTURAL PLANS FOR WALL MOUNTED LIGHT. PROVIDE BUILDING MOUNTED LIGHTS AT EGRESS POINTS. PROVIDE BUILDING MOUNTED LIGHTS AT EGRESS POINTS. RROVIDE BUILDING MOUNTED LIGHTS AT EGRESS POINTS. RROVIDE PAVEMENT MARKINGS FOR PARKING STALLS, HANDICAP PARKING, ACCESSIBLE ROUTES AND NO PARKING. ALL PAVEMENT MARKINGS AND SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNFORM TRAFFIC CONTROL DEVES. THE CONTRACTOR SHALL CONTRACT WITH A REGISTERED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR TO PROVIDE CONSTRUCTION STAKING FUNITIES AND BUILDING LAYOUT. 	LAYOUT PLAN DES. BY HRH DWN. BY EEF CHKD. BY JP SCALE AS SHOWN DATE 06/09/2020 PROJECT NUM: 20-024 DWG. NO. C-3 SHEET 4 OF 8



DETEN, STRUCT REM-96.3 15° RW N = 93.0 15° RW OUT = 93.0 SEE DETAL BE PREPAR SEE DETAL REMOVE AUTOMOSFIES DETENT REMOVE TO STRUCT CONSTRUCTION REMOVE AUTOMOSFIES INTO AUTO STORE AUTOMOSF AUTO AUTO STRUCT THE AUXIMUM TO STRUCTURE THE AUTOMOSF AUTO AUTOMOSFIES STRUCT THE AUXIMUM TO STRUCTURE THE AUTOMOSF AUTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES STRUCT THE AUTOMOSFIES INTO AUTO AUTOMOSFIES TO ENSIGN AUTOMOSFIES THE AUTOMOSFIES AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES THAT NEED CONSTRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES STRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES AUTOMOSFIES STRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES AUTOMOSFIES STRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTOMOSFIES AUTOMOSFIES AUTOMOSFIES STRUCT AUTOMOSFIES INTO AUTOMOSFIES INTO AUTO AUTOMOSFIES AUTOMOSFI		B Land U Site Plannin 185 Winches Phone: (603 SMART I 95 M BH PH 80 W
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ING & DRAINAGE NOTES: DWG. C-3 FOR LEGEND IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED IF TO C-2 - STEP PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NOLLOWS IF TO COT, SEE DETAIL. "PER FOOT, SEE DETAIL. "PER FOOT, SEE DETAIL. "PROFOT, SEE DETAIL. "PROFOT TO T	RIM=96.3 15" INV IN =93.9 4" OPENING INV = 94.0 5 FT WEIR INV = 95.0 15" INV OUT =93.9	BE
UNG & DRAINAGE NOTES: DWG. C-3 FOR LEGEND TR TO C-2 - SITE PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED TR TO C-2 - SITE PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED TE IN PLACE PRIOR TO START OF CONSTRUCTION. IST ALL CATCH BASIN AND AREA DRAIN RIMS TO FINISH GRADE. ADJUST ALL GATE ES, CURBSTOPS, AND CLEANOUT COVERS TO FINISH GRADE. HANDICAP CURB CUTS ARE SHOWN 0.1' ABOVE ADJACENT PAVEMENT TO ENSURE THAT CURBS ARE HIGH, GIVEN CONSTRUCTIBLE PAVEMENT TOLERANCES. CONTRACTOR SHALL DATE "" PER FOOT, SEE DETAIL. DES AT DOORS TO BE FLUSH AT THRESHOLD AND TO SLOPE AWAY AT 1/4" PER FOOT. YORARY SEEDING AND MULCHING: TEMPORARILY MULCH DISTURBED AREAS, INCLUDING CHRPLE, WHICH WILL NOT BE WORKED FOR 7 TO 21 DAYS WITH USE CHOPPED HAY ON DES AT DOORS TO BE FLUSH AT THRESHOLD AREAS THAT WILL NOT BE BROUGHT TO CORRARY SEEDING AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORRARILY SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORACTIVE SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORACTIVE SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORACTIVE SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORACTIVE SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO CORACTIVE SEED AND MULCH/ECB DISTU		PREPAR E Pf 83 DATE: REVISION
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	TR TO C-2 - SITE PREPARATION PLAN FOR EROSION CONTROL MEASURES THAT NEED THE IN PLACE PRIOR TO START OF CONSTRUCTION. IST ALL CATCH BASIN AND AREA DRAIN RIMS TO FINISH GRADE. ADJUST ALL GATE ES, CURBSTOPS, AND CLEANOUT COVERS TO FINISH GRADE. HANDICAP CURB CUTS ARE SHOWN 0.1' ABOVE ADJACENT PAVEMENT TO ENSURE THAT CURBS ARE HIGH, GIVEN CONSTRUCTIBLE PAVEMENT TOLERANCES. CONTRACTOR SHALL STRUCT THE PAVEMENT FLUSH WITH THE CURB BY CHAMFERING THE PAVEMENT " PER FOOT, SEE DETAIL. DES AT DOORS TO BE FLUSH AT THRESHOLD AND TO SLOPE AWAY AT 1/4" PER FOOT. " PORARY SEEDING AND MULCHING: TEMPORARILY MULCH DISTURBED AREAS, INCLUDING CKPILE, WHICH WILL NOT BE WORKED FOR 7 TO 21 DAYS WITH USE CHOPPED HAY ON PES FLATTER THAN 3:1 OR EROSION CONTROL BLANKET ON SLOPES EXCEEDING 3:1. " ORARILY SEED AND MULCH/ECB DISTURBED AREAS THAT WILL NOT BE BROUGHT TO L GRADE FOR MORE THAN 21 DAYS. USE A MIX OF ANNUAL RYEGRASS AND PERENNIAL " PARS".	

Drickstone Land Use Consult Site Planning, Permitting and Development	ants, LLC
185 Winchester Street, Keene, NH Phone: (603) 357-0116	03431
STEVENS ASSOCIAT SMART DESIGN FOR LIVABLE C 95 MAIN ST PO B BRATTLEBORO VT PH 802-257-9329 F 800 WWW STEVENS-ASSO	ES, PC OMMUNITIES OX 1586 05302 2-258-3892
ROBERT K STEVENS No. 8812 CEINS 10 NO. 8812 CEINS 10 NO. 8812 CEINS 10 NO. 8812 CEINS 10 NO. 8812 CEINS 10 NO. 8812	
PURPOSE OF DR/ JUNE 9, 202 PERMITTING	
BEN'S SU SHACK	
WEBSTER HIGH TEMPLE, NH	
PREPARED FOR: BEN'S MA PRODUCTS 83 WEBSTER HIG TEMPLE, N	LLC GHWAY
DATE: REVISION:	
GRADING DRAINAGE	
DES. BY DWN. BY	HRH
CHKD. BY	JP
SCALE DATE	AS SHOWN 06/09/2020
PROJECT NUM:	20-024
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SHEET 5 OF 8	





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C-3 FOR LEGEND.
UTILITIES HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION AND ARE
ATE ONLY. THE CONTRACTOR, IN ALL OPERATIONS, SHALL ANTICIPATE THE OF UTILITIES THAT ARE CONSISTENT WITH LOCAL USAGE REQUIREMENTS. THE
OR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE
ATE UTILITY COMPANY OR AUTHORITY. THE CONTRACTOR SHALL DIG TEST PITS
PROPOSED UNDERGROUND UTILITIES WILL CROSS EXISTING UTILITIES.
RACTOR SHALL FIELD VERIFY LOCATION, SIZE, MATERIAL, AND DEPTH OF ALL
UTILITIES PRIOR TO CONSTRUCTION AND PRIOR TO THE MANUFACTURE OF PRECAST
ES. CONSTRUCT UTILITIES AS REQUIRED TO PROVIDE 18" MINIMUM SEPARATION PROPOSED STORM DRAINAGE AND EXISTING WATER. PROVIDE 12" MINIMUM
N BETWEEN STORM DRAINAGE AND EXISTING WATER. TROVIDE 12 MINNMOM
RACTOR SHALL COORDINATE/REVIEW LOCATION OF ALL PROPOSED UTILITIES WITH
OPRIATE UTILITY COMPANY OR AUTHORITY.
L CATCH BASIN AND AREA DRAIN RIMS TO FINISH GRADE. ADJUST ALL GATE
URBSTOPS, AND CLEANOUT COVERS TO FINISH GRADE.
R MAINS AND STRUCTURES TO BE LEAKAGE TESTED, SEE SPECIFICATION SECTION TR DETAILS DRAWING. THE ENGINEER <u>MUST</u> BE PRESENT FOR ALL TESTING.
SPECIFICATIONS AND DETAIL SHEET FOR SPECIFIC REQUIREMENTS REGARDING
S INSPECTION AND CONTRACTOR CERTIFICATION REQUIREMENTS.
ELECTRICAL PLANS FOR THE LOCATION OF UNDERGROUND UTILITIES AND
ON DETAILS. SITE CONTRACTOR SHALL PROVIDE EXCAVATION, BACKFILL,
ON AND BLANKET/BEDDING MATERIAL FOR ALL UNDERGROUND UTILITIES.

Brickstone Land Use Consultants, LLC Site Planning, Permitting and Development Consulting 185 Winchester Street, Keene, NH 03431 Phone: (603) 357-0116
ASSOCIATES, PC SMART DESIGN FOR LIVABLE COMMUNITIES 95 MAIN ST PO BOX 1586 BRATTLEBORO VT 05302 PH 802-257-9329 F 802-258-3892 WWW STEVENS-ASSOC COM
ROBERT K STEVENS No. 8812 Constant Robert K STEVENS No. 8812 Constant Robert K STEVENS No. 8812 Constant Robert
PURPOSE OF DRAWING: JUNE 9, 2020 PERMITTING
BEN'S SUGAR SHACK WEBSTER HIGHWAY TEMPLE, NH
PREPARED FOR: BEN'S MAPLE PRODUCTS LLC 83 WEBSTER HIGHWAY TEMPLE, NH
DATE: REVISION:
UTILITIES PLAN
DES. BY HRH DWN. BY EEF CHKD. BY JP SCALE AS SHOWN DATE 06/09/2020
PROJECT NUM: 20-024 DWG. NO. C-5 SHEET 6 OF 8

GENERAL NOTES:

- EXISTING UTILITIES HAVE BEEN SHOWN FROM THE BEST AVAILABLE DATA AND ARE APPROXIMATE ONLY. THE CONTRACTOR IN ALL OPERATIONS SHALL ANTICIPATE THE EXISTENCE OF UTILITIES THAT ARE NORMALLY LOCATED IN THE PUBLIC RIGHT-OF-WAY, BUT NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE APPROPRIATE UTILITY COMPANY OR AUTHORITY. CONTRACTOR SHALL DIG TEST PITS WHEREVER PROPOSED UNDERGROUND UTILITIES CROSS-EXISTING UTILITIES.
- EXISTING FENCES, POLES, SIGNS, MAILBOXES, CURBS, SHRUBS, PAVEMENT, LAWN AREAS AND OTHER SITE FEATURES SHALL BE REMOVED AND REPLACED OR REMOVED AND RESTORED IN KIND BY THE CONTRACTOR AS REQUIRED DURING THE CONSTRUCTION WORK. ALL YARD WORK SHALL BE COORDINATED WITH SITE WORK PROVIDED FOR IN CONTRACT DOCUMENTS.
- CONTRACTOR TO COORDINATE/REVIEW LOCATION OF ALL PROPOSED UTILITIES WITH THE APPROPRIATE UTILITY COMPANY OR AUTHORITY.
- MAINTAIN SERVICE OF ALL UTILITIES DURING CONSTRUCTION. WHERE NECESSARY TO TEMPORARILY INTERRUPT SERVICE, NOTIFY THE UTILITY TO TEMPORARILY INTERRUPT SERVICE, AND NOTIFY THE UTILITY AND ALL AFFECTED PERSONS PRIOR TO INTERRUPTION.
- MAINTAIN THROUGH TRAFFIC IN PUBLIC WAYS AT ALL TIMES.
- DO NOT OBSTRUCT ACCESS TO PRIVATE DRIVEWAYS.
- PROVIDE ALL BARRICADES, FENCES, WARNING LIGHTS, SIGNS AND UNIFORMED TRAFFIC CONTROL PERSONNEL NECESSARY TO PROTECT THE PUBLIC DURING CONSTRUCTION
- THE CONTRACTOR SHALL CONFINE CONSTRUCTION OPERATIONS AND ACTIVITIES TO THE SITE AS SHOWN ON THE DRAWINGS. STORAGE AND PROTECTION OF MATERIALS AND STRUCTURES OFF THE SITE WILL BE BY OTHER ARRANGEMENTS OF THE CONTRACTOR.
- EXAMINE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF PROJECT REQUIREMENTS NOT SHOWN ON THE SITE DRAWINGS.
- D. CONTRACTOR TO ENSURE THAT ALL LOCAL PERMITS, STATE PERMITS AND CONSTRUCTION EASEMENTS FROM NEIGHBORING PROPERTY OWNERS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION.
- . THE CONTRACTOR SHALL VERIFY ALL LOCATIONS AND DIMENSIONS AND SHALL STAKE OUT THE WORK PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER TO REVIEW GRADES PRIOR TO **REPLACEMENT OF GRAVEL & PAVEMENT.**
- . PROVIDE TEMPORARY OR PERMANENT SUPPORTS, WHETHER SHORING, SHEETING OR BRACING SO THAT NO HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT OCCURS TO EXISTING STRUCTURES. STREETS OR UTILITIES ADJACENT TO THE PROJECT SITE.
- 3. PROVIDE HAY BALE DIKES, SILT FENCES AND OTHER EROSION CONTROL AS REQUIRED TO CONTROL EROSION AND DUST.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE IN DETERMINING ANNUAL AND SEASONAL VARIATIONS IN GROUND WATER LEVEL WHICH MAY EFFECT THE WORK. GROUND WATER SHALL UNDER NO CONDITIONS CONSTITUTE GROUNDS FOR REVISION IN CONTRACT PRICE OR COMPLETION DATE
- 5. FABRICATION AND CERTAIN PORTIONS OF THE WORK SHALL NOT BE STARTED UNTIL CHECKED SHOP DRAWINGS COVERING THE WORK HAVE BEEN SUBMITTED BY THE CONTRACTOR AND REVIEWED BY THE ENGINEER.

MAINTENANCE OF EROSION CONTROL STRUCTURES:

- SILT FENCES ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS. WHEN SEDIMENT ACCUMULATION REACHES A DEPTH OF 12" BEHIND THE SILT FENCE, THE SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF. OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO REMOVAL
- STONE CHECK DAMS SHALL BE REPLACED WHEN THEY BECOME CLOGGED WITH SOIL PARTICLES OR AS DIRECTED BY THE ENGINEER. CLEAN SILT AND SOIL FROM UPSTREAM FACE OF STONE CHECK DAMS WHEN ACCUMULATION IS NOTICEABLE.
- <u>KEEP ALL DRAINAGE ENTRANCES FREE OF DEBRIS</u> DURING CONSTRUCTION. SWEEP ROADS AS REQUIRED OR DIRECTED BY THE ENGINEER.
- CLEAN SEDIMENT TRAPS AND TEMPORARY DIVERSION DITCHES WHEN THEY BECOME FULL TO 50% OF THEIR ORIGINAL VOLUME OR AS DIRECTED BY THE ENGINEER
- REINFORCE NETTING, MATTING, AND BLANKETS WITH ADDITIONAL STAPLES IF THEY HAVE MOVED. REPAIR DAMAGE CAUSED BY WATER EROSION OR WIND AT THE END OF EACH DAY.
- REPAIR AND REPLACE STONE INLET PROTECTION WHEN STONES BECOME CLOGGED WITH SEDIMENT REPAIR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION ACTIVITIES AT OR BEFORE THE END OF EACH WORKING DAY. DAMAGE TO ANY EROSION CONTROL MEASURE AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IMMEDIATELY.

Maintenance Chart **Erosion Control Devices**

			Frequenc	у
			After	
Control Device*	Action	Weekly	Storm Event**	When Necessary
Vegetation	Visual Inspection	Δ	Δ	
	Reseed an implement weed control			
Dry/Hydraulic Mulch	Visual Inspection		Δ	
	Replace mulch on areas where original mulch has been lost			
	Remove mulch where application is too heavy-seed cannot establish			Δ
Matting, Netting and/or Blankets	Visual Inspection	Δ	Δ	
	Add staples if material has moved. Repair water erosion/wind damage.			
Channel Protection	Visual Inspection	Δ	Δ	
	Add staples if material has moved. Repair water erosion/wind damage.			Δ
Sediment Trap	Visual Inspection	Δ	Δ	
	Remove silt and soil when accumulation is 50% of capacity.			Δ
Silt Fence	Visual Inspection	Δ	Δ	
	Remove any collected sediment when it has reached 1/2 the height of fence or		$\overline{\Delta}$	Δ
	when heavy runoff or siltation is expected			
Stone Check Dam	Visual Inspection	Δ	Δ	
	Remove silt and soil from upstream face after each major storm event or when accumulated sediment reaches 1/2 the height of the check dam. Replace clogged check dam areas or areas showing signs of obvious breakdown. Supplement with additional stone check dams when it becomes obvious that the existing one is inadequate.			Δ
Inlet Protection	Visual Inspection	Δ	Δ	
	Repair and replace rock. Remove sediment. Remove rock.		Δ	Δ
Diversion Swales	Visual Inspection	Δ	Δ	
	Remove blockages		Δ	Δ
Slope Drains	Visual Inspection	Δ	Δ	
	Repair or replace slope drain. Replace riprap. Repair breached section of earthen berm.		Δ	Δ
Curb & Gutter	Visual Inspection	Δ		
Containment	Repair and replace bags			Δ
	Remove sediment		٨	

RECORDKEEPING:

- ON-SITE PLAN COORDINATOR RESPONSIBILITIES: THE CONTRACTOR SHALL DESIGNATE AN ON-SITE PLAN COORDINATOR WHO SHALL KEEP A WRITTEN RECORD OF INSPECTIONS AND ANY WATER QUALITY MONITORING DATA AND SHALL NOTE ALL PROBLEM AREAS AND THE MEASURES TAKEN TO CORRECT THOSE PROBLEMS AND PREVENT FUTURE PROBLEMS. THE RECORDS SHALL REFLECT THE STATUS OF THE PROJECT IN TERMS OF CONSISTENCY WITH THE PLANNED CONSTRUCTION SEQUENCE, WHAT AREAS ARE DISTURBED AT THE TIME OF THE INSPECTION. AND WHAT AREAS HAVE BEEN TEMPORARILY OR PERMANENTLY STABILIZED SINCE THE LAST INSPECTION RECORD. EACH INSPECTION RECORD SHALL BE SIGNED BY THE ON-SITE PLAN COORDINATOR.
- PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION & SEDIMENT CONTROL **RESPONSIBILITIES:** WHERE INSPECTIONS ARE ALSO BEING MADE BY A REGISTERED PROFESSIONAL INSPECTION REPORTS SHALL BE SUBMITTED TO THE ON-SITE PLAN COORDINATOR TO BE INCORPORATED INTO THE ON-SITE PLAN COORDINATOR'S RECORDS.

<u>OWNER/PERMITEE RESPONSIBILITIES</u>: THE INSPECTION RECORDS SHALL BE KEPT ON-SITE DURING CONSTRUCTION

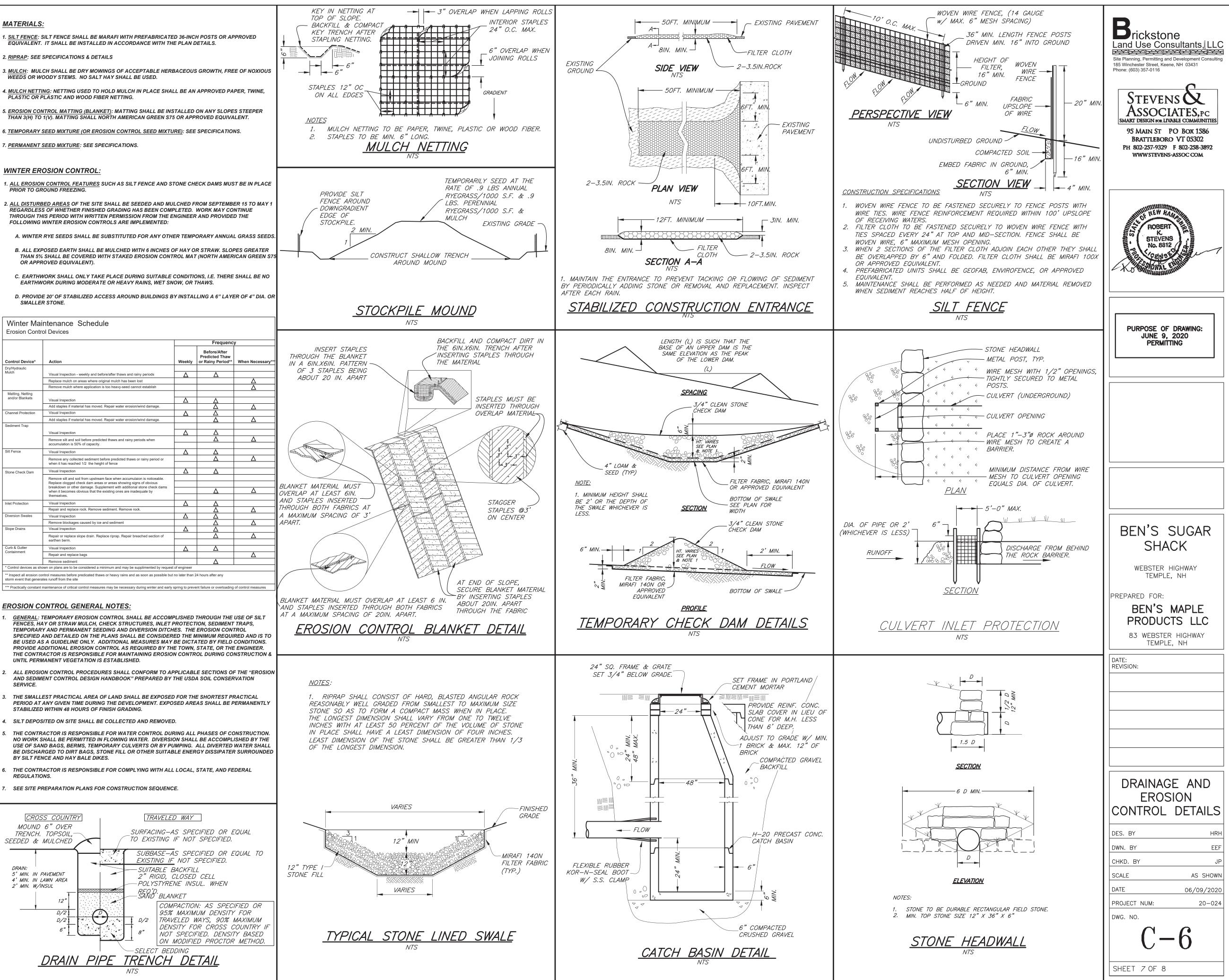
- SILT FENCE: SILT FENCE SHALL BE MARAFI WITH PREFABRICATED 36-INCH POSTS OR APPROVED EQUIVALENT. IT SHALL BE INSTALLED IN ACCORDANCE WITH THE PLAN DETAILS.
- WEEDS OR WOODY STEMS. NO SALT HAY SHALL BE USED.
- . MULCH NETTING: NETTING USED TO HOLD MULCH IN PLACE SHALL BE AN APPROVED PAPER, TWINE, PLASTIC OR PLASTIC AND WOOD FIBER NETTING.
- THAN 3(H) TO 1(V). MATTING SHALL NORTH AMERICAN GREEN S75 OR APPROVED EQUIVALENT.
- . TEMPORARY SEED MIXTURE (OR EROSION CONTROL SEED MIXTURE): SEE SPECIFICATIONS.

WINTER EROSION CONTROL

- PRIOR TO GROUND FREEZING.
- REGARDLESS OF WHETHER FINISHED GRADING HAS BEEN COMPLETED. WORK MAY CONTINUE THROUGH THIS PERIOD WITH WRITTEN PERMISSION FROM THE ENGINEER AND PROVIDED THE
- OR APPROVED EQUIVALENT).
- EARTHWORK DURING MODERATE OR HEAVY RAINS, WET SNOW, OR THAWS.
- SMALLER STONE

			Frequency			
Control Device*	Action	Weekly	Before/After Predicted Thaw or Rainy Period**	When Necessary		
Dry/Hydraulic						
Mulch	Visual Inspection - weekly and before/after thaws and rainy periods	Δ	Δ			
	Replace mulch on areas where original mulch has been lost			Δ		
	Remove mulch where application is too heavy-seed cannot establish			Δ		
Matting, Netting and/or Blankets	Visual Inspection					
	Add staples if material has moved. Repair water erosion/wind damage.		$\overline{\lambda}$	^		
Channel Protection	Visual Inspection		$\overline{\lambda}$			
	Add staples if material has moved. Repair water erosion/wind damage.		$\overline{\Lambda}$	Λ		
Sediment Trap						
	Visual Inspection		Δ			
	Remove silt and soil before predicted thaws and rainy periods when accumulation is 50% of capacity.		Δ	Δ		
Silt Fence	Visual Inspection					
	Remove any collected sediment before predicted thaws or rainy period or when it has reached 1/2 the height of fence		Ā	Δ		
Stone Check Dam	Visual Inspection					
	Remove silt and soil from upstream face when accumulaion is noticeable. Replace clogged check dam areas or areas showing signs of obvious breakdown or other damage. Supplement with additional stone check dams when it becomes obvious that the existing ones are inadequate by themselves.		Δ	Δ		
Inlet Protection	Visual Inspection		Δ			
	Repair and replace rock. Remove sediment. Remove rock.		$\overline{\Delta}$	Δ		
Diversion Swales	Visual Inspection		Δ			
	Remove blockages caused by ice and sediment		Δ	Δ		
Slope Drains	Visual Inspection		Δ			
	Repair or replace slope drain. Replace riprap. Repair breached section of earthen berm.		Δ	Δ		
Curb & Gutter	Visual Inspection		Δ			
Containment	Repair and replace bags			Δ		
	Remove sediment		Δ			
	hown on plans are to be considered a minimum and may be supplimented by reques	t of ongine or				

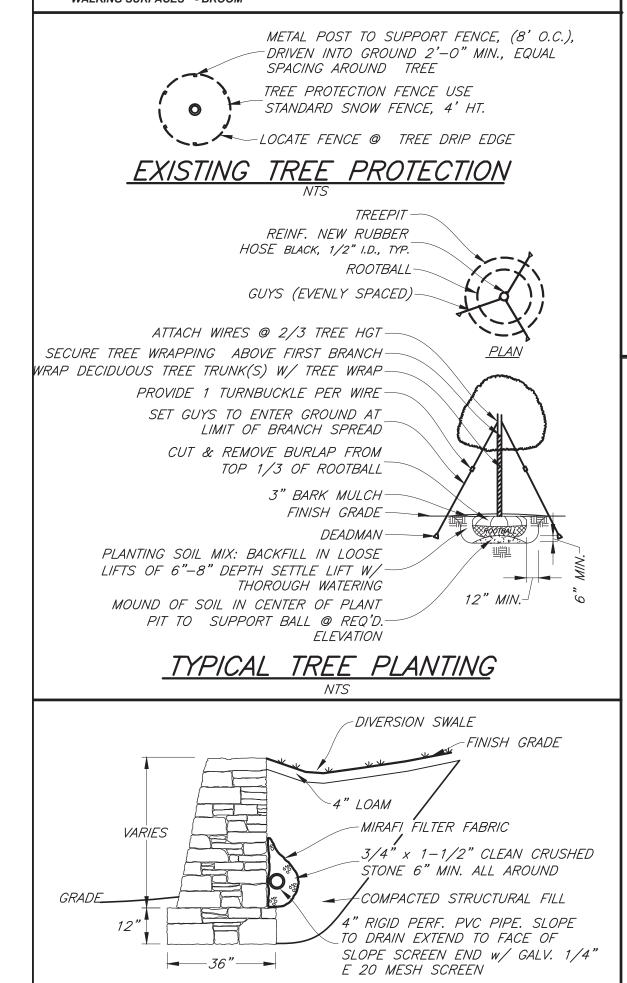
- FENCES. HAY OR STRAW MULCH. CHECK STRUCTURES. INLET PROTECTION. SEDIMENT TRAPS. TEMPORARY AND PERMANENT SEEDING AND DIVERSION DITCHES. THE EROSION CONTROL BE USED AS A GUIDELINE ONLY. ADDITIONAL MEASURES MAY BE DICTATED BY FIELD CONDITIONS. PROVIDE ADDITIONAL EROSION CONTROL AS REQUIRED BY THE TOWN, STATE, OR THE ENGINEER. UNTIL PERMANENT VEGETATION IS ESTABLISHED
- AND SEDIMENT CONTROL DESIGN HANDBOOK" PREPARED BY THE USDA SOIL CONSERVATION SERVICE.
- STABILIZED WITHIN 48 HOURS OF FINISH GRADING.
- BY SILT FENCE AND HAY BALE DIKES.



SITE CONCRETE GENERAL NOTES:

- ALL FOOTINGS SHALL BE CARRIED DOWN TO FIRM UNDISTURBED BEARING SOIL, IRRESPECTIVE OF ANY GRADES OR DIMENSIONS GIVEN ON THE PLANS. SOIL-BEARING CAPACITY ASSUMED TO BE 2 TONS PER SQUARE FOOT MINIMUM.
- NO FOOTING SHALL BE PLACED ON FROZEN SOIL. EXTERIOR FOOTINGS SHALL NOT BE LESS THAN 4'-6" BELOW FINISH GRADE, EXCEPT WHERE FOUNDED ON LEDGE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL CONDUIT, SLOTS, PIPE SLEEVES, ANCHOR BOLTS, ETC., AS REQUIRED FOR THE TRADES BEFORE CONCRETE IS POURED.
- ALL SLABS POURED ON GROUND SHALL BE REINFORCED WITH WELDED WIRE MESH 6X6 W2.9XW2.9 MINIMUM UNLESS SHOWN OTHERWISE. MESH TO BE LAPPED MINIMUM 6" ON SIDES AND 6" ON ENDS. NO ROLLS, SHEET FABRIC ONLY.
- ALL CONCRETE WALLS, FOOTINGS, SLABS ON GROUND AND FRAMED SLABS TO BE FC=4000 PSI @ 28 DAYS AND AIR-ENTRAINED.
- THE CONTRACTOR SHALL VERIFY ALL LOCATIONS AND DIMENSIONS AND SHALL STAKE OUT THE WORK PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY DEPTH TO LEDGE FOR FTG ELEVATION PRIOR TO REINFORCEMENT FABRICATION.
- PROTECT IN-PLACE FOUNDATIONS AND SLABS FROM FROST PENETRATION UNTIL THE PROJECT IS COMPLETED.
- REINFORCEMENT SHALL BE ASTM A615 GRADE 60 (YIELD STRESS 60,000 PSI).
- INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO SCHEDULED CONCRETE PLACEMENT. NOTIFY ARCHITECT OF COMPLETION 24 HOURS PRIOR TO THE SCHEDULED COMPLETION OF THE INSTALLATION OF THE REINFORCEMENT
- CLEAR CONCRETE PROTECTION SHALL BE 3" ON FTGS AND WALLS POURED AGAINST EARTH OR WATER AND 2" WHEN POURED AGAINST FORMS AND WEATHER. REINFORCEMENT IN OPPOSITE SIDE FROM EARTH (INSIDE) SHALL BE 1-1/2" MINIMUM. OTHER CLEARANCES TO MEET JOB CONDITIONS.
- PROVIDE BAR SUPPORTS, SPACERS AND ACCESSORIES RECOMMENDED BY THE ACI DETAILING MANUAL. ALL DETAILING NOT COVERED BY THESE DRAWINGS OR THESE NOTES SHALL BE IN ACCORDANCE WITH THIS SAME MANUAL
- ALL CONTINUOUS REINFORCING BARS SHALL BE LAPPED 30 DIAMETERS AT SPLICES AND AT CORNERS UNLESS OTHERWISE SHOWN. TERMINATE CONTINUOUS BARS AT NON-CONTINUOUS ENDS WITH STANDARD HOOKS. LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND BOTTOM BARS AT SUPPORTS AS REQUIRED.
- 3. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
- 4. EXPOSED FACES OF ALL SITE CONCRETE TO BE "SMOOTH FORMED" AND "SMOOTH RUBBED" FINISHED UNLESS OTHERWISE SHOWN.
- . CONTRACTOR SHALL SUBMIT CHECKED SHOP DRAWINGS AND PLACING PLANS IN TRIPLICATE FOR ALL REINFORCEMENT TO THE ARCHITECT BEFORE FABRICATION.
- . CONCRETE SHALL BE PLACED WITHOUT HORIZONTAL OR VERTICAL CONSTRUCTION JOINTS EXCEPT WHERE SHOWN OR NOTED. CONSTRUCTION JOINTS SHALL BE 60' APART AND KEYED. CONTROL JOINTS SHALL BE A MAX. OF 30' APART.
- ALL SPECIFICATIONS NOT COVERED BY THESE DRAWINGS OR NOTES SHALL BE IN ACCORDANCE WITH ACI 301-89, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- 3. CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO PREVENT FLOTATION OF STRUCTURES DURING CONSTRUCTION, AND SHALL MAINTAIN EXCAVATIONS SUFFICIENTLY FREE OF WATER BY PUMPING DRY TO ALLOW PLACING AND CURING CONCRETE.
- 9. CONTROL SURFACE AND SUBSURFACE WATER DURING CONSTRUCTION SO THAT FOUNDATION WORK IS DONE ON DRY AND UNDISTURBED SUBGRADE MATERIAL
- 20. TRIM AND FINISH BOTTOM OF EXCAVATION WITH HAND SHOVEL.
- 21. BACKFILL AND COMPACT UNDER STRUCTURAL ELEMENTS IN 8" LIFTS.
- 22. MIX AND PLACE CONCRETE ONLY WHEN TESTING AGENCY TECHNICIANS IS PRESENT
- 23. DO NOT TACK WELD REINFORCEMENT
- 4. CONCRETE FINISHES:

TOP OF WALLS - STEEL TROWEL VERTICAL SURFACES - BURLAP RUBBED WALKING SURFACES - BROOM



TYP. STONE RETAINING WALL DETAIL

MATERIALS:

- 1. SEE WATER AND SEWER PLANS BY OTHERS FOR DETAILS AND MATERIALS FOR WATER SUPPLY AND WASTER WATER DISPOSAL

100% PASSING	1-INCH SCREEN
90-100 PASSING	3/4-INCH SCREEN
20-55% PASSING	3/8-INCH SCREEN
0-10% PASSING	#4 SIEVE
4% PASSING	#8 SIEVE

- 1/2-INCH SIEVE AND NOT MORE THAN 15% WILL PASS A #200 SIEVE. BLANKET MAY BE OMITTED FOR 2" IS IN CONTACT WITH THE PIPE.
- MATTER AND CLAY & STONES LARGER THAN 6 INCHES. THE CONTRACTOR SHALL COMPACT THE TRENCH BACKFILL TO 95% MODIFIED PROCTOR MAXIMUM DENSITY.
- 5. PVC POLYVINYL CHLORIDE PIPE; ASTM D1785; SCH 40; SOLVENT WELDED PER MANUFACTURER'S SPECIFICATIONS.
- SPECIFICATIONS.
- CONSTANT GRADE AT THE SLOPES SHOWN ON THE PLAN
- WILL BE ACCEPTABLE. THE CONTRACTOR SHALL SUBMIT SUPPORTING DATA TO THE ENGINEER TO DETERMINE EQUALITY AND WILL BE RESPONSIBLE FOR ALL INCIDENTAL COORDINATION AND/OR FITTING TOGETHER AS REQUIRED.

