SITE DEVELOPMENT PLANS

FOR

TACO BELL BETWEEN 1167 & 1207 WASHINGTON ST. HANOVER, MA

SEPTEMBER 26, 2022

SHEET INDEX					
SHEET No.	DESCRIPTION	LATEST REVISED DATE	CONSTRUCTION REVISIONS		
1	COVER SHEET	01/16/24			
2	OVERALL LAYOUT PLAN	01/16/24			
3	EXISTING CONDITIONS PLAN	11/27/23			
4	LAYOUT PLAN	01/16/24			
5	GRADING PLAN	01/16/24			
6	SEWER, DRAIN & UTILITY PLAN	01/16/24			
7	DETAIL SHEET	11/27/23			
8	DETAIL SHEET	11/27/23			



LOCATION MAP

OWNER/ APPLICANT:

HANOVER WASHINGTON LIMITED PARTNERSHI 625 MT. AUBURN ST. SUITE 210 CAMBRIDGE, MA 02138

CIVIL ENGINEERS:

KELLY ENGINEERING GROUP, INC.

0 CAMPANELLI DRIVE

BRAINTREE, MA 02184

ARCHITECTS:

GLMV ARCHITECTURE 1525 E. DOUGLAS AVENUE WICHITA, KS 67211

Brandon Li Brandon 2: 2024.01.1 9 07:40:21 -05'00'



SCALE NA	JOB # F: \P\2021-0
DATE 09/26/2022	DRAWN BY AJV
SHEET 1 of 8	CHKD BY BGL
FILE #	APPD BY

BETWEEN 1167 & 1207 WASHINGTON ST.
HANOVER, MA

SHEET NO.



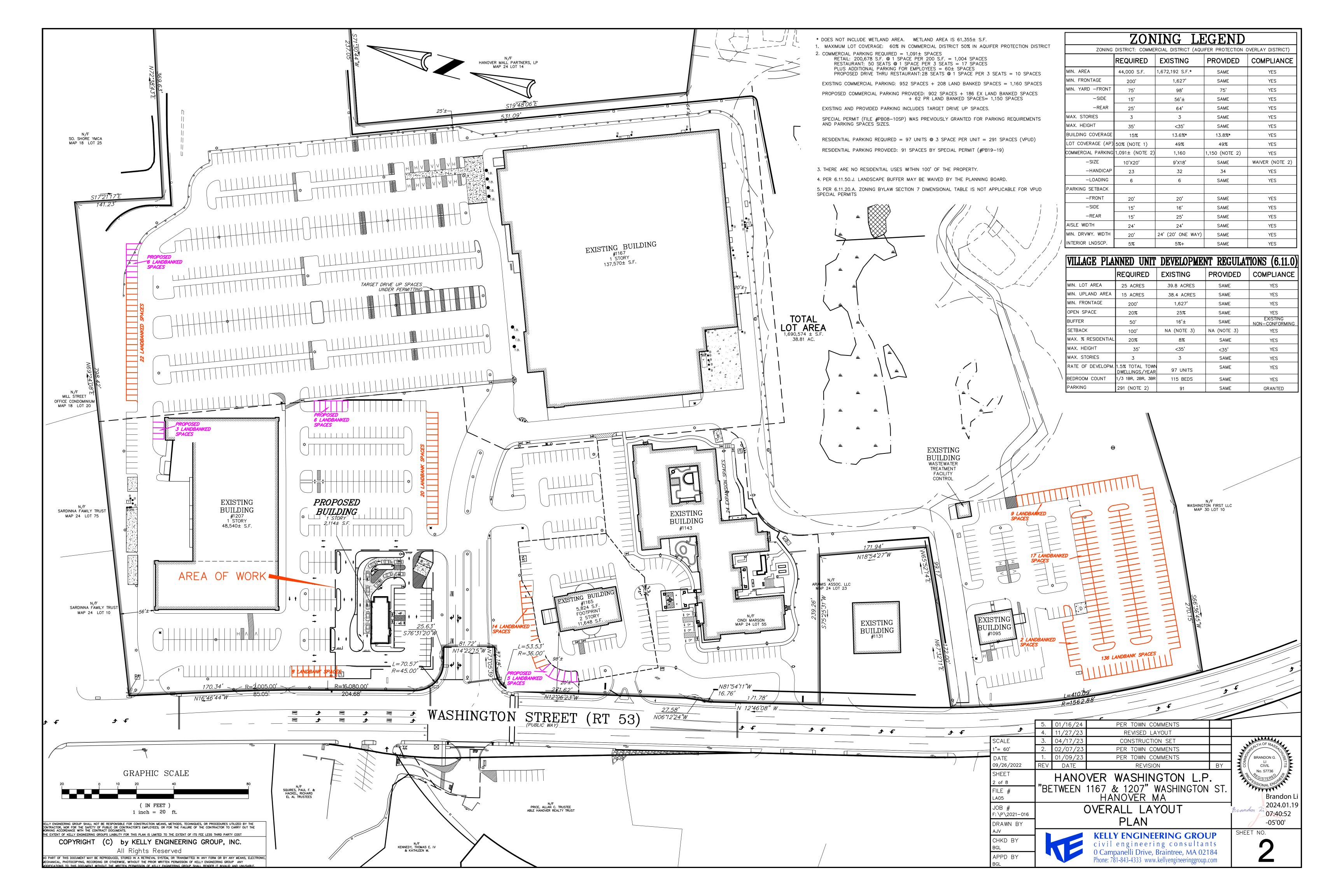
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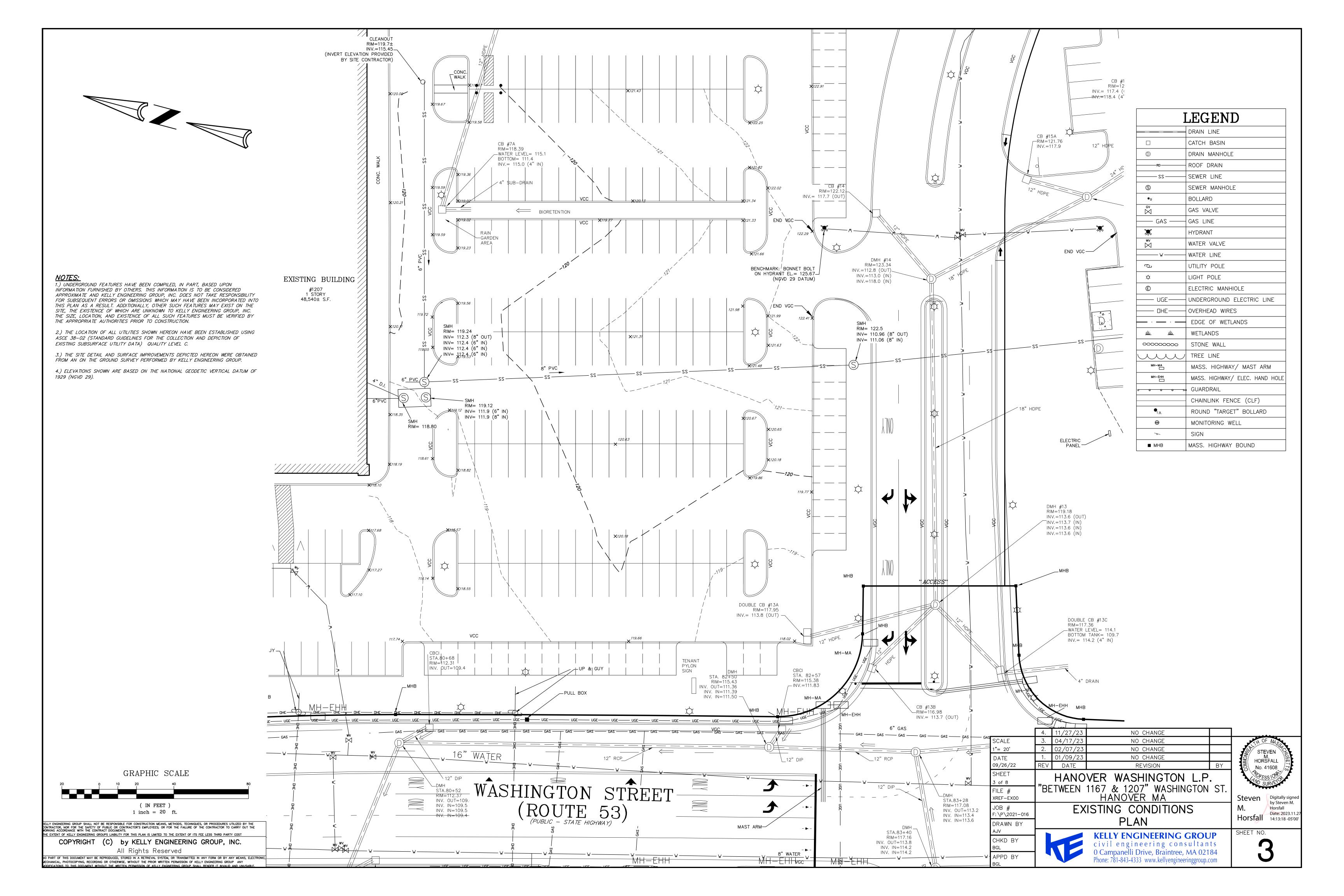
ELLY ENGINEERING GROUP SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES; OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE CORKING ACCORDANCE WITH THE CONTRACT DOCUMENTS.

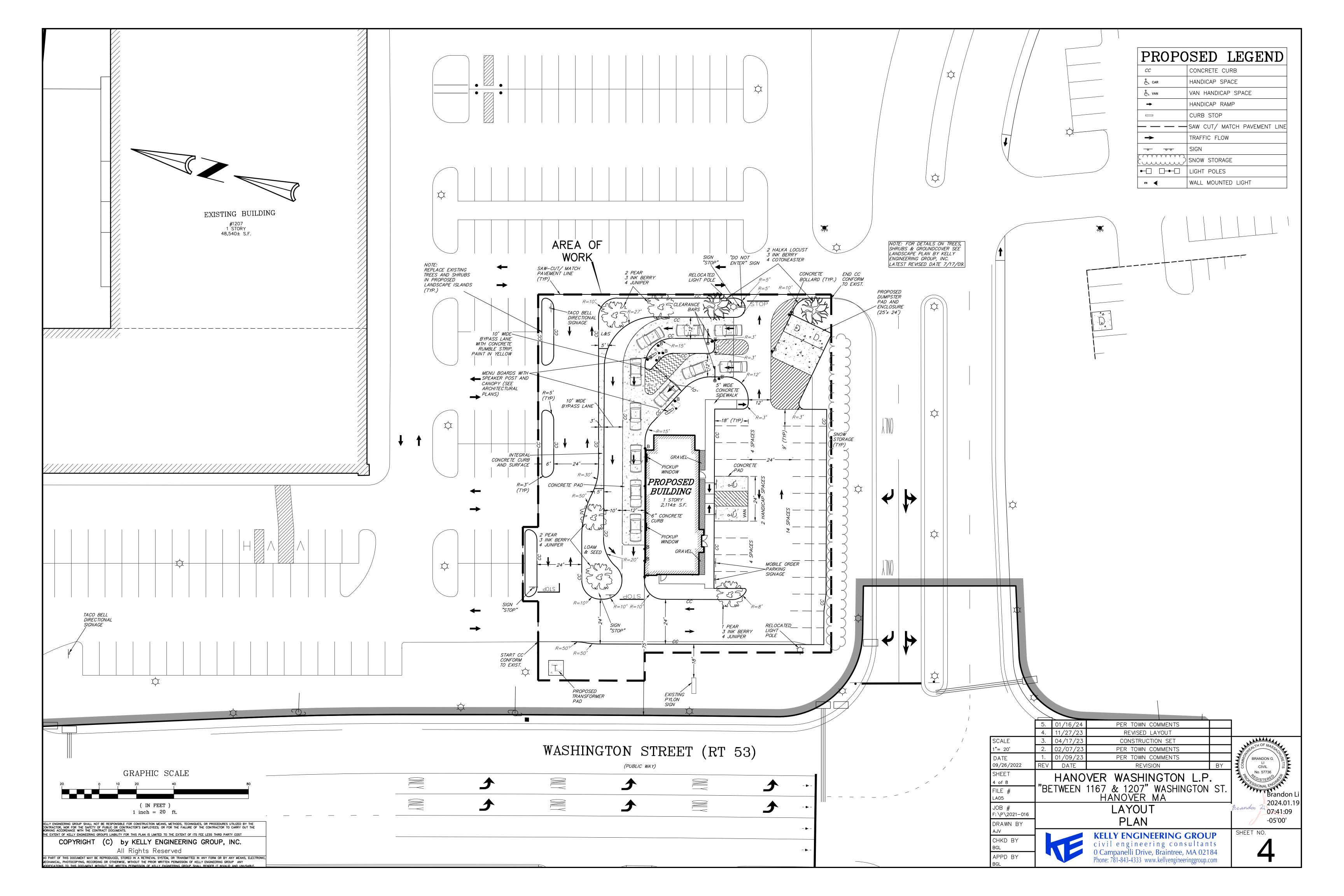
HE EXTENT OF KELLY ENGINEERING GROUPS LIABILITY FOR THIS PLAN IS LIMITED TO THE EXTENT OF ITS FEE LESS THIRD PARTY COST

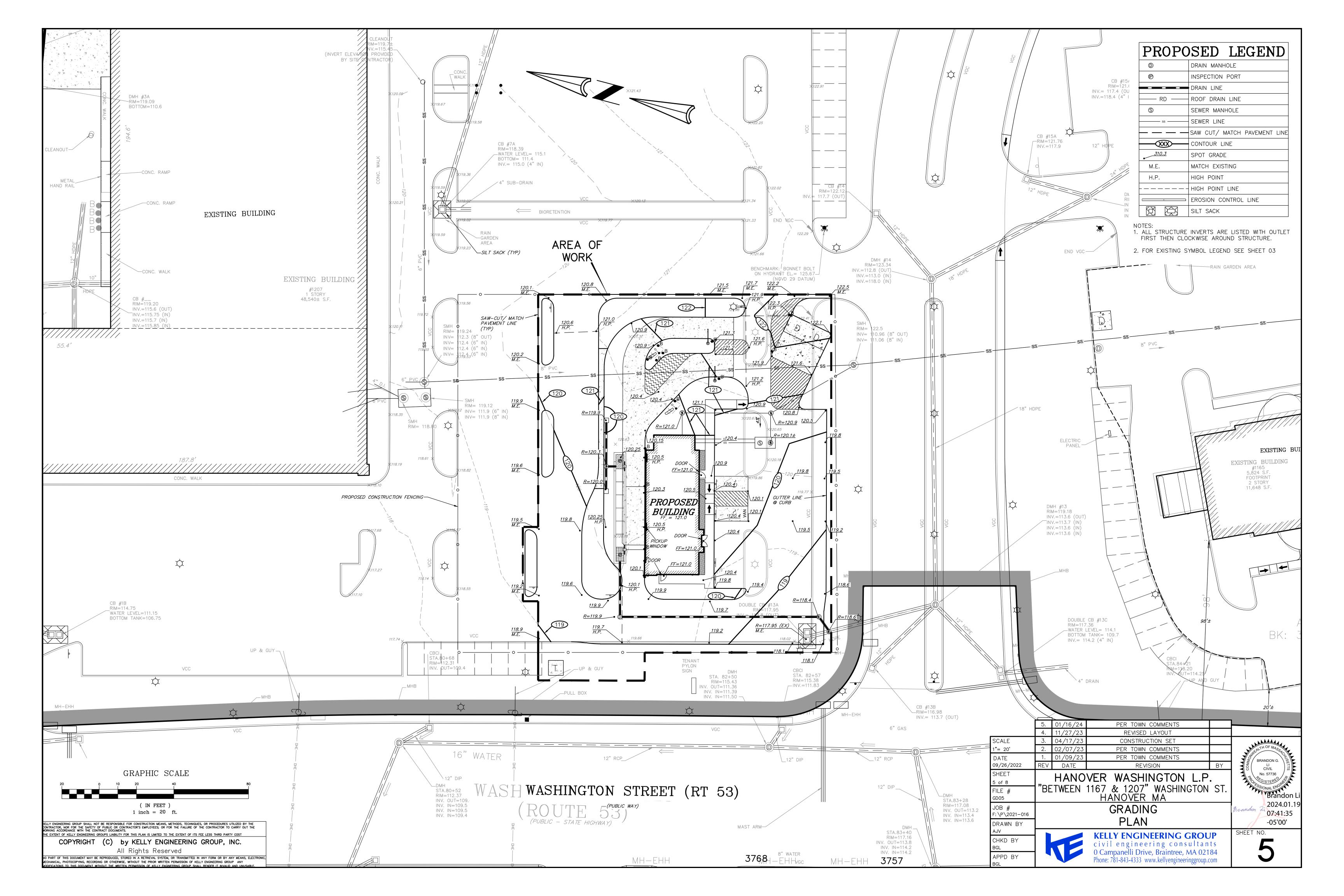
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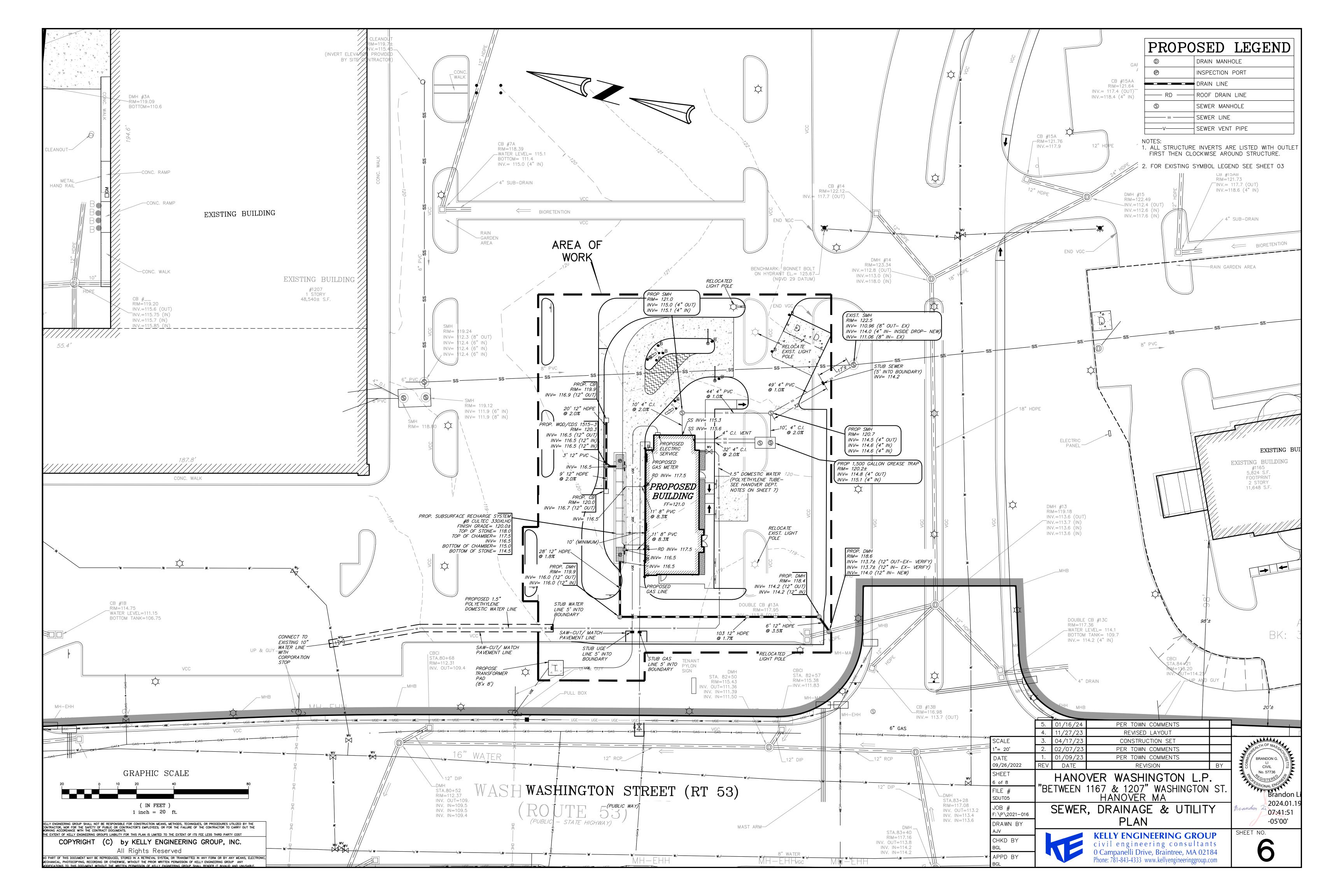
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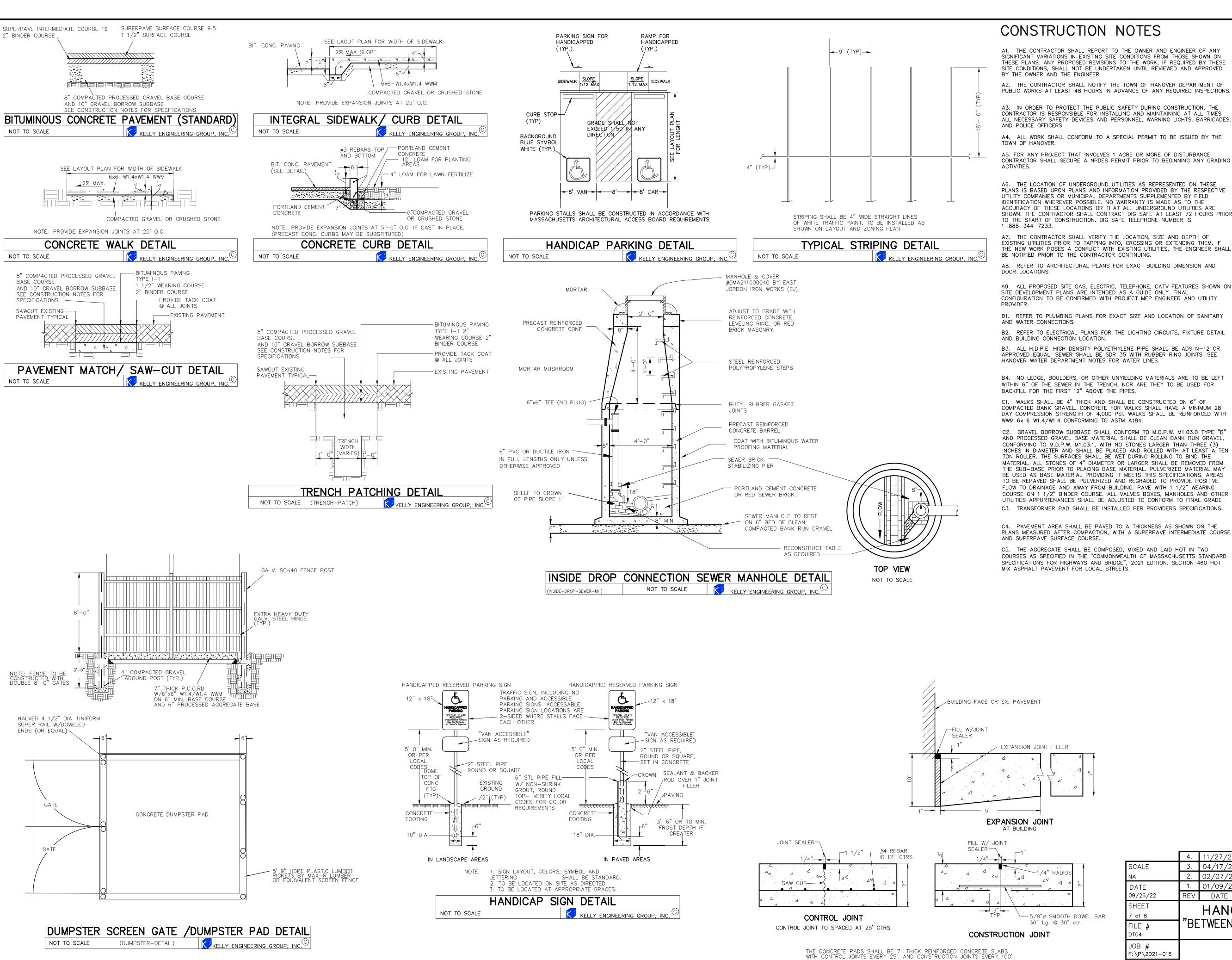












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CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES; OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORKING ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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HE EXTENT OF KELLY ENGINEERING GROUPS LIABILITY FOR THIS PLAN IS LIMITED TO THE EXTENT OF ITS FEE LESS THIRD PARTY COST

SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS FROM THOSE SHOWN ON THESE PLANS. ANY PROPOSED REVISIONS TO THE WORK, IF REQUIRED BY THESE SITE CONDITIONS, SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED

A2. THE CONTRACTOR SHALL NOTIFY THE TOWN OF HANOVER DEPARTMENT OF

A3. IN ORDER TO PROTECT THE PUBLIC SAFETY DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING AT ALL TIMES ALL NECESSARY SAFETY DEVICES AND PERSONNEL, WARNING LIGHTS, BARRICADES,

A4. ALL WORK SHALL CONFORM TO A SPECIAL PERMIT TO BE ISSUED BY THE

A5. FOR ANY PROJECT THAT INVOLVES 1 ACRE OR MORE OF DISTURBANCE CONTRACTOR SHALL SECURE A NPDES PERMIT PRIOR TO BEGINNING ANY GRADING

A6. THE LOCATION OF UNDERGROUND UTILITIES AS REPRESENTED ON THESE PLANS IS BASED UPON PLANS AND INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES OR MUNICIPAL DEPARTMENTS SUPPLEMENTED BY FIELD IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTRACT DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS

A7. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO TAPPING INTO, CROSSING OR EXTENDING THEM. IF THE NEW WORK POSES A CONFLICT WITH EXISTING UTILITIES, THE ENGINEER SHALL BE NOTIFIED PRIOR TO THE CONTRACTOR CONTINUING.

A8. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSION AND

A9. ALL PROPOSED SITE GAS, ELECTRIC, TELEPHONE, CATV FEATURES SHOWN ON SITE DEVELOPMENT PLANS ARE INTENDED AS A GUIDE ONLY. FINAL CONFIGURATION TO BE CONFIRMED WITH PROJECT MEP ENGINEER AND UTILITY

B1. REFER TO PLUMBING PLANS FOR EXACT SIZE AND LOCATION OF SANITARY

B2. REFER TO ELECTRICAL PLANS FOR THE LIGHTING CIRCUITS, FIXTURE DETAIL

B3. ALL H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE SHALL BE ADS N-12 OR APPROVED EQUAL. SEWER SHALL BE SDR 35 WITH RUBBER RING JOINTS. SEE

B4. NO LEDGE, BOULDERS, OR OTHER UNYIELDING MATERIALS ARE TO BE LEFT WITHIN 6" OF THE SEWER IN THE TRENCH, NOR ARE THEY TO BE USED FOR

C1. WALKS SHALL BE 4" THICK AND SHALL BE CONSTRUCTED ON 6" OF COMPACTED BANK GRAVEL. CONCRETE FOR WALKS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH OF 4,000 PSI. WALKS SHALL BE REINFORCED WITH

C2. GRAVEL BORROW SUBBASE SHALL CONFORM TO M.D.P.W. M1.03.0 TYPE "B" AND PROCESSED GRAVEL BASE MATERIAL SHALL BE CLEAN BANK RUN GRAVEL, CONFORMING TO M.D.P.W. M1.03.1, WITH NO STONES LARGER THAN THREE (3) INCHES IN DIAMETER AND SHALL BE PLACED AND ROLLED WITH AT LEAST A TEN TON ROLLER. THE SURFACES SHALL BE WET DURING ROLLING TO BIND THE MATERIAL. ALL STONES OF 4" DIAMETER OR LARGER SHALL BE REMOVED FROM THE SUB-BASE PRIOR TO PLACING BASE MATERIAL. PULVERIZED MATERIAL MAY BE USED AS BASE MATERIAL PROVIDING IT MEETS THIS SPECIFICATIONS. AREAS TO BE REPAVED SHALL BE PULVERIZED AND REGRADED TO PROVIDE POSITIVE FLOW TO DRAINAGE AND AWAY FROM BUILDING. PAVE WITH 1 1/2" WEARING COURSE ON 1 1/2" BINDER COURSE. ALL VALVES BOXES, MANHOLES AND OTHER UTILITIES APPURTENANCES SHALL BE ADJUSTED TO CONFORM TO FINAL GRADE

C4. PAVEMENT AREA SHALL BE PAVED TO A THICKNESS AS SHOWN ON THE PLANS MEASURED AFTER COMPACTION, WITH A SUPERPAVE INTERMEDIATE COURSE

C5. THE AGGREGATE SHALL BE COMPOSED, MIXED AND LAID HOT IN TWO COURSES AS SPECIFIED IN THE "COMMONWEALTH OF MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE", 2021 EDITION. SECTION 460 HOT

CONCRETE FOR PADS SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE

GRAVEL BASE COMPACTED TO 95%

NOT TO SCALE

STRENGTH OF 4000 PSI. THE PADS SHALL BE CONSTRUCTED OVER 12" OF

CONCRETE PAD DETAIL

(CONCRETE-PAD-DETAIL) KELLY ENGINEERING GROUP, INC.

C6. DUMPSTER PAD SHALL BE 78" THICK REINFORCED CONCRETE SLAB WITH CONTROL JOINTS EVERY 10'. THE PAD SHALL BE CONSTRUCTED OVER 6" OF BASE COURSE AND 6" OF PROCESSED AGGREGATE BASE. COMPACT TO 95% REINFORCEMENT SHALL BE WWF 6x6- W1.4 x W1.4 PLACED AT THE CENTER OF THE SLAB. THE FRONT END OF COMPACTOR PAD SHALL HAVE EMBEDDED A 6"x 6"x 3/8" STEEL ANGLE.

C7. ALL EXISTING PAVING TO BE DISTURBED SHALL BE CUT ALONG A STRAIGHT LINE THROUGH ITS ENTIRE THICKNESS. BUTT NEW PAVING INTO THE EXISTING PAVEMENT TO REMAIN AND TACK COAT THE JOINT.

C8. ANY PAVEMENT REMOVED FOR UTILITY TRENCH EXCAVATION OR OTHERWISE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH A PAVEMENT SECTION CONSISTING OF 1 1/2" SUPERPAVE SURFACE COURSE OVERLAYING A 1 1/2" SUPERPAVE INTERMEDIATE COURSE OVERLAYING A 12" COMPACTED GRAVEL BASE

D1. ALL AREAS TO BE PLANTED WITH GRASS SHALL BE TREATED WITH 100 POUNDS OF GROUND LIMESTONE PER 1,000 S.F. OF AREA PLANTED. ALL AREAS TO BE PLANTED WITH GRASS SHALL BE FERTILIZED WITH 10-10-10 AT THE RATE OF 1,000 POUNDS PER ACRE OR AS REQUIRED BY SOIL TEST. 40% OF THE

D2. ALL LANDSCAPED AREAS TO BE LOAMED AND SEEDED SHALL HAVE THE FOLLOWING MIX.

PERENNIAL RYE KENTUCKY BLUE CREEPING RED FESCUE OR PENNLAWN FESCUE SEED AT THE RATE OF 5#/1,000 S.F.

NITROGEN SHALL BE ORGANIC FORM.

D3. ALL DISTURBED AREAS TO BE LOAMED AND SEEDED SHALL HAVE A MINIMUM OF 4 INCHES OF TOPSOIL SPREAD EVENLY THROUGHOUT. PROVIDE EROSION CONTROL MEASURES AS NECESSARY TO PROVIDE SLOPE STABILITY UNTIL VEGETATION IS ESTABLISHED. (NOTE: IF THERE IS A CONFLICT BETWEEN THESE PLANS AND LANDSCAPE PLANS THE LANDSCAPE PLANS SHALL DICTATE.

E1. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEANUP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL DEMOLITION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO A LEGAL DUMP SITE, ALL TRUCKS LEAVING THE SITE SHALL BE

E2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTITUTE EROSION CONTROL MEASURES ON AN AS NECESSARY BASIS. SUCH THAT EXCESSIVE SOIL EROSION DOES NOT OCCUR. MEASURES SHALL INCLUDE SILT SACKS IN DRAINAGE INLETS, MULCHING AND PLANTING OF DISTURBED AREAS.

E3. PRIOR TO THE COMMENCEMENT OF ANY OTHER WORK A SILT SACK SHALL BE INSTALLED IN EACH EXISTING DRAINAGE INLET.

E4. AFTER INSTALLATION OF EACH DRAINAGE INLET A SILT SACK SHALL BE INSTALLED IN EACH INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.

E5. AT THE END OF CONSTRUCTION ALL DRAINAGE STRUCTURES ARE TO BE CLEANED OF SILT, STONES AND OTHER DEBRIS.

E6. DURING CONSTRUCTION THE EROSION CONTROL MEASURES SHALL BE INSPECTED ONCE PER WEEK AND WITHIN 24 HOURS OF ANY STORM EVENT GENERATING MORE THAN 1/2" OF RAINFALL. THE EROSION CONTROL MEASURES SHALL BE CLEANED REGULARLY AND ADJUSTED IF NECESSARY TO ENSURE THAT NO SILT OR DEBRIS LEAVES THE SITE.

E7. STABILIZATION MEASURES (SEEDING OR PLANTING, APPLYING MULCH OR OTHER NON-VEGETATIVE PRODUCT) OF EXPOSED SOILS SHALL BEGIN AS SOON AS PRACTICABLE AND IMMEDIATELY AFTER EARTH-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED. STABILIZATION TO BE COMPLETED WITHIN 14 DAYS.

E8. SILT SOCKS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF ALL STOCK

E9. SPARE EROSION/SEDIMENT CONTROL MATERIALS SHALL BE AVAILABLE ON SITE FOR USE IN CONTINGENCY CONDITIONS.

HANOVER WATER DEPARTMENT

1. AT ALL WATER MAIN AND SEWER CROSSING, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. 2. SEWER MATERIALS SHALL BE WATER WORKS GRADE 150 PSI PRESSURE RATED PIPE MEETING LATEST A WW A STANDARDS AND SHALL BE PRESSURE TESTED TO ENSURE TIGHTNESS.

3. ALL PIPE 3 INCH THROUGH 64 INCH SHALL CONFORM IN DESIGN AND MANUFACTURED TO THE LATEST ISSUE OF A WW A STANDARD C 151, "DUCTILE IRON PIPE, CENTRIFUGALLY CAST, FOR WATER OR OTHER LIQUIDS." PIPE SHALL HAVE A PRESSURE CLASS 0F350.

4. ALL FITTINGS SHALL BE DUCTILE IRON AND CONFORM IN DESIGN AND MANUFACTURED TO THE LATEST ISSUE OF A WW A STANDARD C 110, "DUCTILE IRON AND GRAY-IRON FITTINGS," 3-INCH THROUGH 48-INCH FOR WATER AND OTHER LIQUIDS."

5. ALL PIPE AND FITTINGS SHALL HAVE A CEMENT-MORTAR LINING INSIDE AND A BITUMINOUS SEAL COAT APPLIED BOTH INSIDE AND OUTSIDE TO CONFORM WITH LATEST ISSUE OF AWWA

C104, CEMENT-MORTAR LINING FOR DUCTILE-IRON PIPE AND FITTINGS FOR WATER." 6. PUSH-ON AND MECHANICAL JOINTS ARE PERMITTED AND SHALL CONFORM IN DESIGN AND MANUFACTURED TO THE LATEST ISSUE OF A WW A STANDARD C ILL, "RUBBER-GASKET JOINTS FOR DUCTILE-IRON PRESSURE PIPE AND FITTINGS."

7. ALL VALVES SHALL CONFORM IN DESIGN AND MANUFACTURED TO THE LATEST ISSUE OF A WWA STANDARD C509. "RESILIENT-SEATED GATE VALVES FOR WATER SUPPLY SERVICE." ALL VALVES SHALL HAVE A TWO-INCH OPERATING NUT AND OPEN IN A COUNTER-CLOCKWISE DIRECTION. THE TOWN RECOMMENDS USING MUELLER VALVES (A2362 FULL-BODY).

8. ALL HYDRANTS SHALL CONFORM IN DESIGN AND MANUFACTURE TO THE LATEST ISSUE OF A WW A STANDARD C502, "DRY BARREL FIRE HYDRANTS" AND MEET ANY REQUIREMENTS OF THE HANOVER FIRE DEPARTMENT. ALL HYDRANTS SHALL HAVE A MAIN VALVE OPENING OF 5.25 INCHES AND SHALL OPEN IN A COUNTERCLOCKWISE DIRECTION. THE TOWN RECOMMENDS USING MUELLER HYDRANTS (A423/5.25").

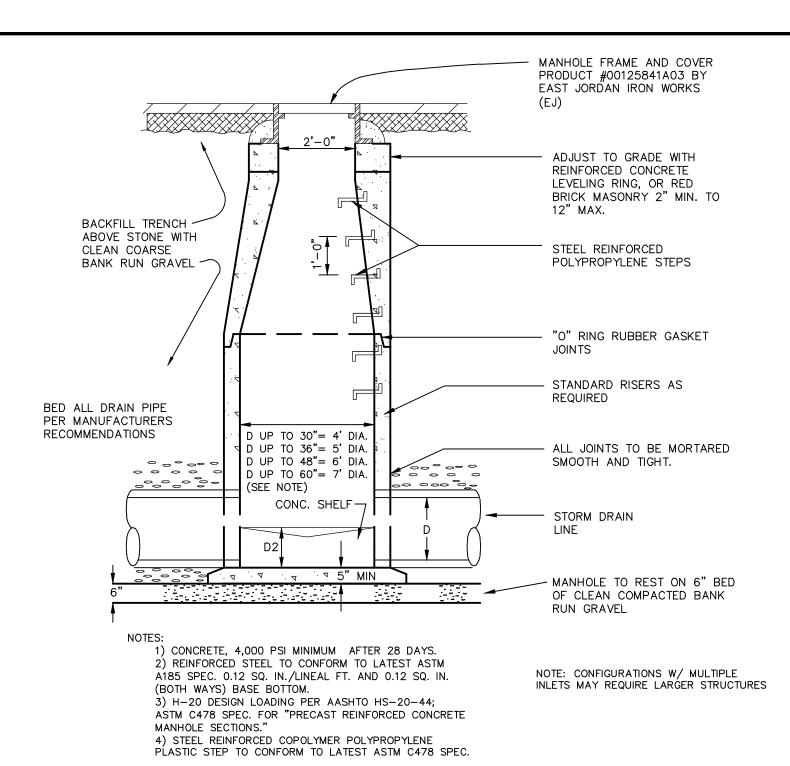
9. WATER METERS (CONSUMPTION) SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL MEET THE SPECIFICATIONS OF THE TOWN OF HANOVER.

10. DOMESTIC WATER LINE SHALL BE POLYETHYLENE (PE) TUBE, COPPER TUBE SIZE (CTS), 200 PSI TEST CONFORMING TO THE LATEST EDITION OF AWWA STANDARD C901 AND SHALL BE A CONTINUOUS RUN WITH NO JOINTS.

11. PROVIDE BACKFLOW DEVICE FOR DOMESTIC WATER LINE AND SUBMIT TO WATER DEPT. PRIOR TO INSTALLATION.

12. ALL IRRIGATION SPRINKLERS TO BE CONNECTED TO IRRIGATION WELL.





TYPICAL SUBSURFACE RECHARGE AREA (CULTEC 330XLHD) PLAN VIEW (INFILTRATION TO BE CULTEC OR APPROVED EQU'AL)

*SEE CULTEC RECHARGER 330XLHD STORMWATER MANAGEMENT SYSTEM DESIGN FOR INSTALLATION INSTRUCTIONS PROPRIETARY SHOP DRAWINGS TO BE PROVIDED PRIOR TO INSTALLATION SINGLE LAYER

PRECAST DRAIN MANHOLE DETAIL

KELLY ENGINEERING GROUP, INC.

12" (TYP.)

FILL BENEATH SYSTEM SHALL BE

WITH "FILL MATERIAL" FOR SEWAGE

REMOVED, REPLACE WITH SAND. THAT COMPLIES

DISPOSAL SYSTEMS. SEE 310CMR 15.255 (3)

(H-20 LOAD RATING)COMPAÇTED FILL COMPACTED FILL

TYPICAL END CAP OPENING *18.5" FOR 150XLHD SYSTEM SECTION 1-1 (PARTIAL)

STORMWATER MANAGEMENT SYSTEM CONSTRUCTION OPERATION + MAINTENANCE NOTES:

1. EXTREME CARE SHALL BE TAKEN DURING CONSTRUCTION TO AVOID SILTATION DURING THE CONSTRUCTION PROCESS. SILT CAGES AND HAYBALE DIKES SHALL BE INSPECTED DAILY AND REPLACED IF NECESSARY 2. EXTREME CARE SHALL BE TAKEN TO PREVENT COMPACTION OF UNDISTURBED SOILS BENEATH RECHARGE SYSTEM. 3. THERE SHALL BE NO DISCHARGE OF WATER FOR CONSTRUCTION DEWATERING ACTIVITIES INTO THE STORMWATER

4. THERE SHALL BE NO DISCHARGE OF STORMWATER INTO THE RECHARGE SYSTEM UNTIL THE SITE HAS BEEN STABILIZED.

CONSTRUCTION INSPECTION AND MAINTENANCE SCHEDULE:

NOT TO SCALE

CONSTRUCTION INSPECTION SCHEDULE

MANAGEMENT SYSTEM.

1. WEEKLY INSPECTIONS SHALL BE PERFORMED BY THE APPLICANTS ENGINEER AND A REPRESENTATIVE FROM THE TOWN'S ENGINEERING DEPARTMENT.

2. INSPECTIONS SHALL INCLUDE THE PAVEMENT TO DETERMINE IF ACCUMULATED SEDIMENT IS TO BE REMOVED, OF THE CATCH BASINS TO DETERMINE DEPTH OF SEDIMENTS AND REQUIRED CLEANING, INSPECTION OF THE STORMCEPTOR TO DETERMINE IF CLEANING IS NECESSARY AND INSPECTION OF THE LEACHING SYSTEM SHALL BE CONDUCTED BY THE ENGINEER AND THE TOWN'S ENGINEERING DEPARTMENT.

3. AN INSPECTION OF THE EXCAVATION OF THE LEACHING SYSTEM SHALL BE CONDUCTED BY THE ENGINEER AND A REPRESENTATIVE THE TOWN'S ENGINEERING DEPARTMENT PRIOR TO PLACEMENT OF ANY MATERIAL OR CHAMBERS.

CONSTRUCTION MAINTENANCE SCHEDULE

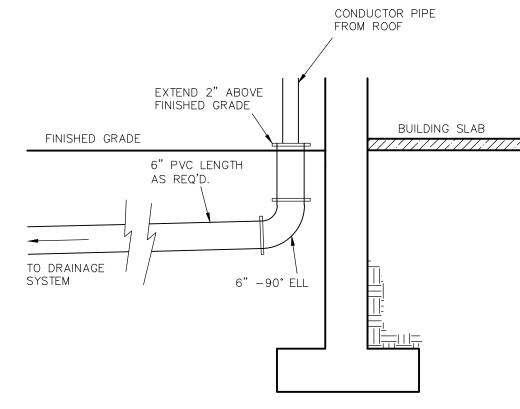
1. WHEN THE BINDER COURSE HAS BEEN INSTALLED THE PAVEMENT SHALL BE KEPT CLEAR OF ACCUMULATED SEDIMENTS. IF ACCUMULATED SEDIMENTS ARE DEPOSITED ON THE PAVEMENT THE SEDIMENT SHALL BE CLEANED IMMEDIATELY. THE PAVEMENT SHALL BE SWEPT AS NECESSARY BASED ON THE WEEKLY INSPECTIONS. THE CONTRACTOR SHALL INSPECT THE PAVEMENT ON A DAILY BASIS AND REMOVE ACCUMULATED SEDIMENTS AS

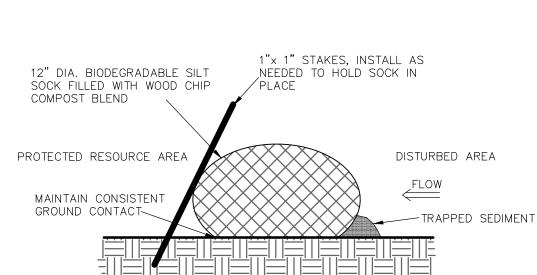
2. "SILT SAKS" SHALL BE INSTALLED AT ALL CATCH BASIN AND DROP INLET LOCATIONS. THE CONTRACTOR SHALL INSPECT THE "SILT SAKS" ON A WEEKLY BASIS AND AFTER HEAVY RAINSTORMS AND EMPTIED BASED ON MANUFACTURERS RECOMMENDATIONS.

3. THE CATCH BASINS SHALL BE INSPECTED ON A WEEKLY BASIS ANDS AFTER HEAVY RAINSTORMS. THE CATCH BASINS SHALL BE CLEANED WHEN 6" OF SEDIMENT HAS ACCUMULATED IN THE SUMP. 4. THE STORMCEPTOR SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER HEAVY RAINSTORMS. THE STORMCEPTOR SHALL BE CLEANED BASED ON THE MANUFACTURERS RECOMMENDATIONS.

5. THE INFILTRATION GALLEYS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER HEAVY RAINSTORMS AND SHALL BE CLEANED WHEN 2" OF SEDIMENT HAS ACCUMULATED IN THE INLET CHAMBER.



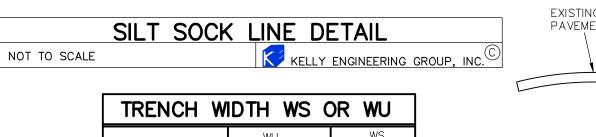


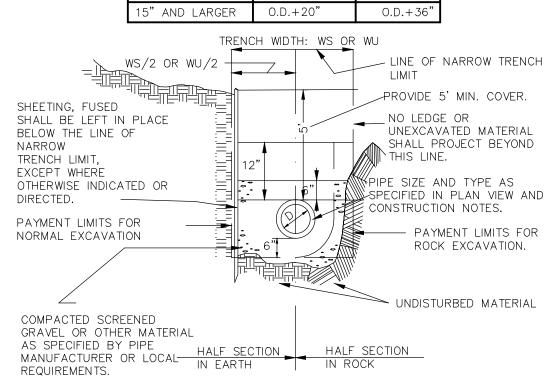


ROOF DRAIN CONNECTION DETAIL

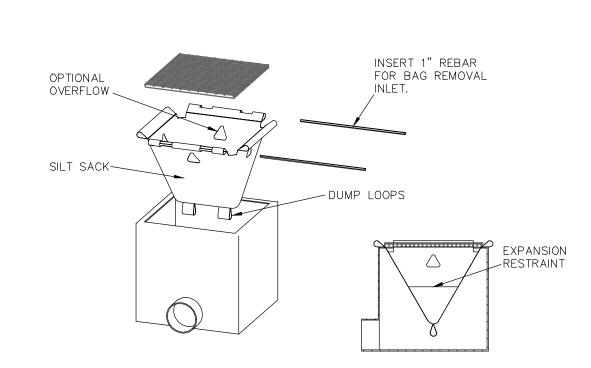
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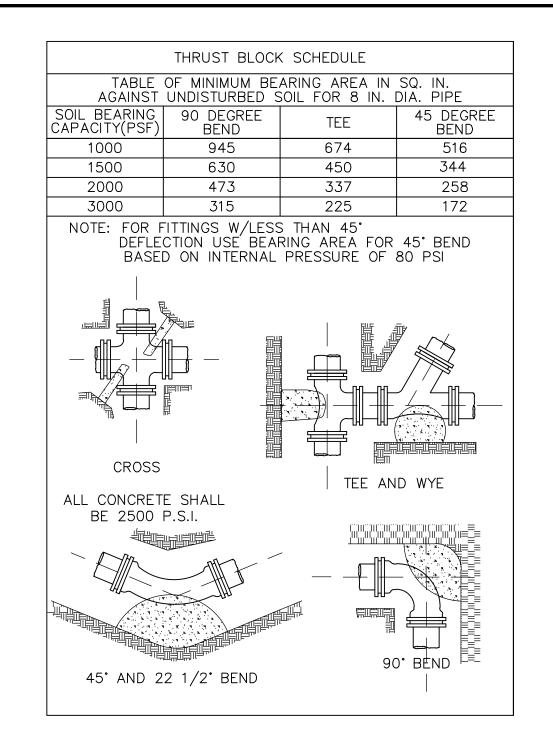


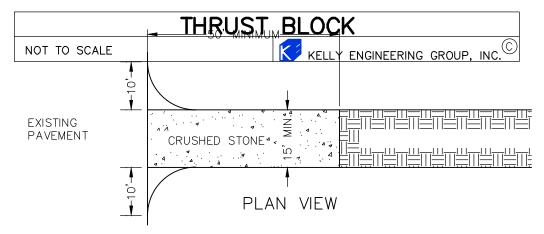


AS SPECIFIED BY PIPE MANUFACTURER OR LOCAL HALF SECTION HALF SECTION IN EARTH IN ROCK
WATER TRENCH SECTION
NOT TO SCALE KELLY ENGINEERING GROUP, INC.



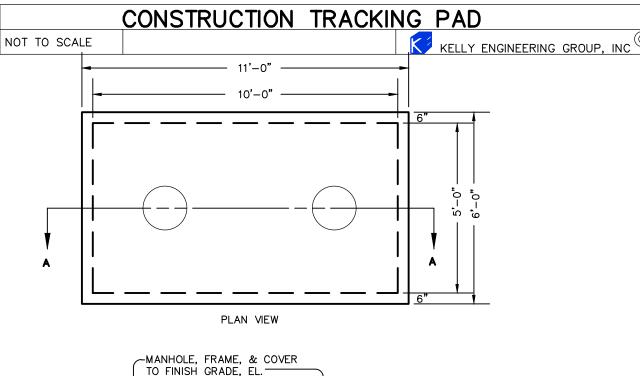
SILT	SACK-	TYPE	ΕΑ	DETAIL	_	
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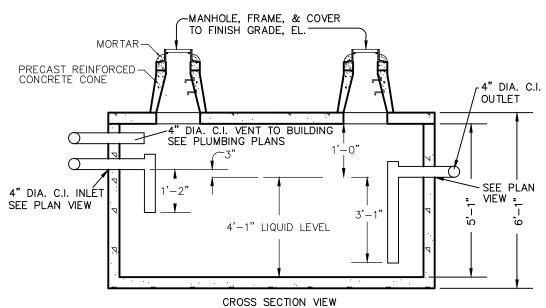




EXISTING PAVEMENT FILTER CLOTH

CROSS SECTION





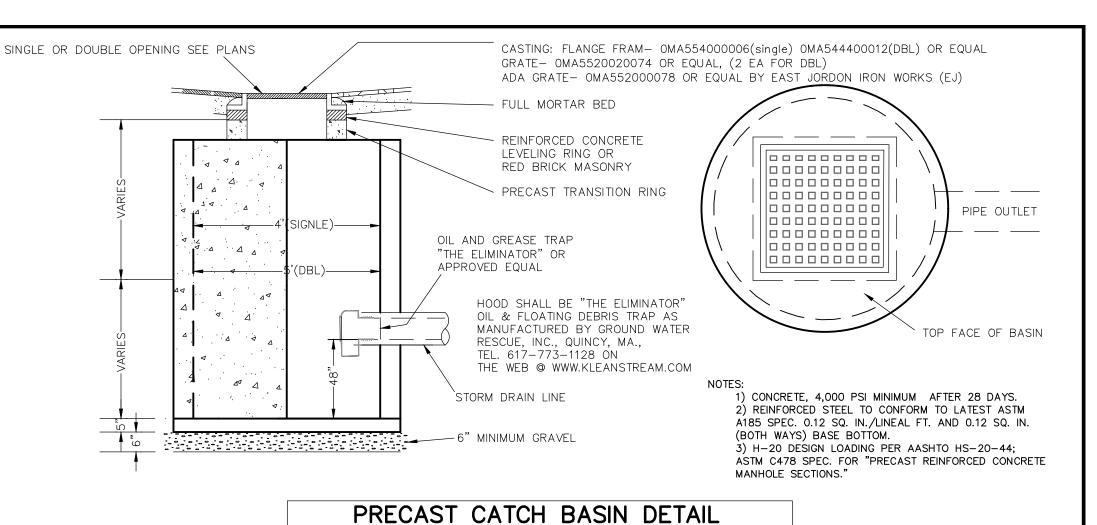
1. VENT SHALL BE PIPED TO THE INSIDE OF THE BUILDING IN COMPIANCE WITH 248 CMR 10.16(5)(E)'. VENT SHALL BE ABOVE WATER LEVEL AND INVERTS.

BE SCHEDULE 40 PVC AND PROPERLY SUPPORTED BY A HANGER, STRAP OR OTHER DEVICE. (310 CMR 15.230(5)) 3. SHALL BE INSTALLED ON A LEVEL STABLE BASE THAT HAS BEEN MECHANICALLY COMPACTED AND ONTO WHICH 6 INCHES OF CRUSHED STONE HAS BEEN PLACED

2. THE INLET TEE SHALL EXTEND TO THE MID DEPTH OF THE TANK. THE OUTLET TEE SHALL EXTEND TO WITHIN 12 INCHES OF THE BOTTOM OF THE TANK. TEES SHALL

TO MINIMIZE UNEVEN SETTLING. 4. THE INLET AND OUTLET SHALL BE LOCATED AT THE CENTER LINE OF THE TANK, AND AT LEAST 12 INCHES ABOVE THE HIGH GROUNDWATER ELEVATION.

1,500 GALLONS PRECAST GREASE TRAP KELLY ENGINEERING GROUP, INC NOT TO SCALE



KELLY E<u>NGINEERING GROUP, INC</u>

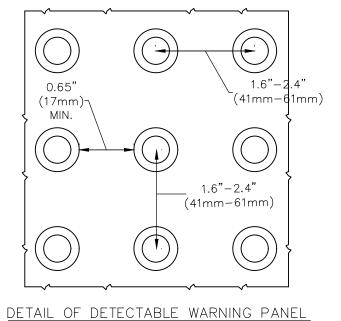
1. STONE SIZE - USE 2" CRUSHED STONE

TRACKING PAD NOTES:

2. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

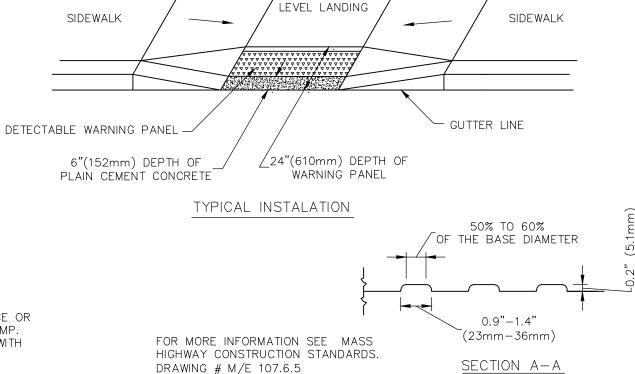
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHOULD BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHOULD BE

4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANING OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.



NOT TO SCALE

NOTE: PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT



DETECTABLE WARNING PANEL FOR WHEELCHAIR RAMPS KELLY ENGINEERING GROUP, INC NOT TO SCALE

	4.	11/27/23	REVISED LAYOUT		
SCALE	3.	04/17/23	3 CONSTRUCTION SET		THOE AV
NA	2.	02/07/23	NO CHANGE		MEALTH OF MASSAC
DATE	1.	1. 01/09/23 NO CHANGE		BRANDON G. LI CIVIL	
09/26/22	REV DATE REVISION BY		SO CIVIL TTS		
SHEET 8 of 8		HANO		No. 57736 REGISTERED RESSIONAL ENGINE	
FILE # DT04] "BE	TWEEN	ST.	Brandon Li	
JOB # F: \P\2021-016	HANOVER MA DETAIL			Brandon 2i 2023.11.27 14:01:17	
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