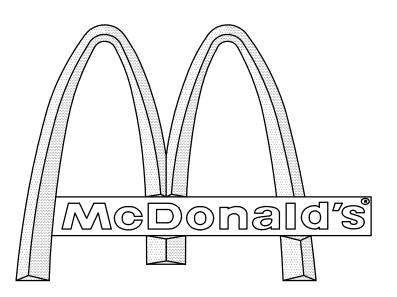
## SITE DEVELOPMENT PLANS

FOR:
PROPOSED

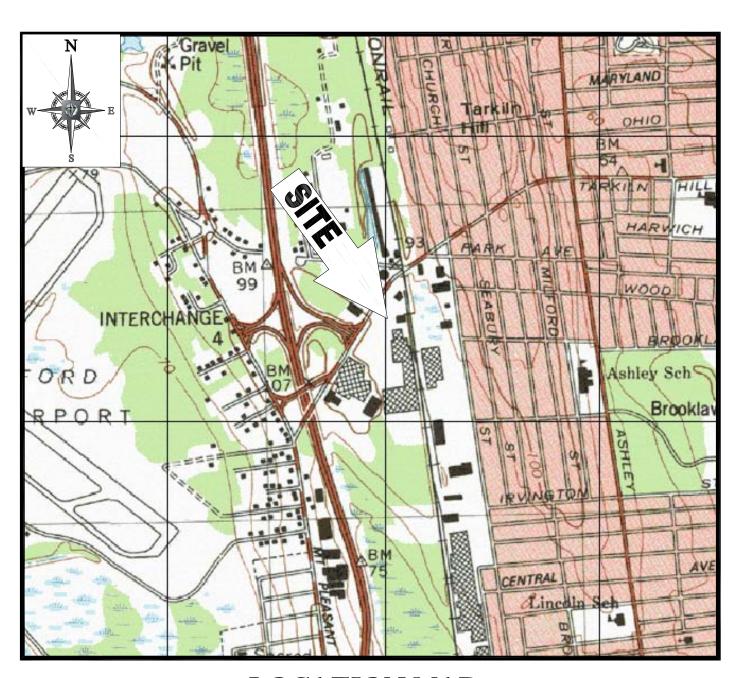


WITH DRIVE-THRU

LOCATION OF SITE:

# 1080 KINGS HIGHWAY, CITY OF NEW BEDFORD BRISTOL COUNTY, MASSACHUSETTS

MAP 125, LOT 29, BK 8820, PG 194



LOCATION MAP

SCALE: 1"=1000'
PLAN REFERENCE: USGS NEW BEDFORD NORTH QUADRANGLE



AREA PLAN

SCALE: 1"=150'

SHEET TITLE	SHEET NUMBER
COVER SHEET	C-1 OF 15
GENERAL NOTES SHEET	C-2 OF 15
DEMOLITION PLAN	C-3 OF 15
OVERALL SITE PLAN	C-4 OF 15
SITE PLAN	C-5 OF 15
GRADING & DRAINAGE PLAN	C-6 OF 15
UTILITY PLAN	C-7 OF 15
SOIL EROSION & SEDIMENT CONTROL PLAN	C-8 OF 15
SOIL EROSION CONTROL NOTES & DETAILS SHEET	C-9 OF 15
LANDSCAPE PLAN	C-10 OF 15
LANDSCAPE NOTES & DETAILS SHEET	C-11 OF 15
LIGHTING PLAN	C-12 OF 15
DETAIL SHEET	C-13 OF 15
DETAIL SHEET	C-14 OF 15
DETAIL SHEET	C-15 OF 15
ALTA/ACSM LAND TITLE SURVEY (BY OTHERS)	1 OF 2
ALTA/ACSM LAND TITLE SURVEY (BY OTHERS)	2 OF 2
BUILDING ELEVATIONS (BY OTHERS)	
BUILDING FLOOR PLAN (BY OTHERS)	

## SHEET INDEX

OWNER:

CEDAR-KINGS, LLC C/O CEDAR REALTY TRUST, INC. 44 SOUTH BAYLES AVENUE, SITE 304 APPLICANT:

McDONALD'S USA, LLC
C/O BOHLER ENGINEERING
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772

CONSTRUCTION CHECK DATE

CONSTRUCTION CHECK DATE

PROJECT No.: W142005

CAD I.D. #:

W142005ss1.dwg

BO ENG	HLE	SOUTHBOI Phone: Fax:	RNPIKE ROAD ROUGH, MA 01772 (508) 480-9900 (508) 480-9080 rEngineering.com
IVIL & CONSULTING ENGINEERS	OFFICES:	♦ WARREN, NJ	◆ BALTIMORE, MD
		UPSTATE NEW YORK	SOUTHERN MARYLAND
SURVEYORS		♦ BOSTON, MA ♦ NEW YORK METRO	<ul><li>NORTHERN VIRGINIA</li><li>WASHINGTON, DC</li></ul>
PROJECT MANAGERS		◆ PHILADELPHIA/SOUTHERN NJ	CENTRAL VIRGINIA
1 ROJECT MINIMOLINO		♦ LEHIGH VALLEY, PA	◆ CHARLOTTE, NC
NVIRONMENTAL CONSULTANTS	•	SOUTHEASTERN, PA	RALEIGH, NC
LANDSCAPE ARCHITECTS		ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR	

GENE	RAL	NOTE	S:	ВУ	В				
BASES, ANCHOR BOLTS, CONDUIT, AND WIRING FOR ALL OTHER SIGNS ARE BY THE GENERAL CONTRACTOR					BPB				
THE GENERAL CONTRACTOR.  2. 3/4" EMPTY CONDUIT TO LOCATIONS SHOWN AT THE LOT PERIMETER FOR LOT LIGHTING IS BY THE GENERAL CONTRACTOR. LIGHTING FIXTURES, BASES, POLES, CONDUIT, AND WIRING ARE BY THE OWNER/OPERATOR.  3. BASES FOR FLAGPOLES ARE BY THE GENERAL CONTRACTOR. ANCHOR BOLTS ARE BY THE FLAGPOLE SUPPLIER.  4. PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE DETERMINED TO ALLOW FOR THE MOST ECONOMICAL INSTALLATION.  5. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY. REFER TO THE BUILDING ELECTRICAL AND PLUMBING DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING.  6. ALL ELEVATIONS SHOWN ARE BASED UPON, NAVD 88 PER SURVEY NOTE #7.  7. ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED TO 6" BELOW TOP OF ALL WALKS AND CURBS. FINISH GRADING, LANDSCAPING, AND SPRINKLER SYSTEMS ARE BY THE OWNER/OPERATOR.  8. LOT LIGHTING CONCRETE FOOTINGS TO CONFORM WITH THE SOILS REPORT RECOMMENDATIONS FOR THIS PARTICULAR SITE. FOUNDATION DESIGN AND CONSTRUCTION IS BY THE GENERAL CONTRACTOR.					REVISIONS PER STAFF COMMENT				
PAVING SPECIFICATION  FLEXIBLE PAVEMENT SECTION:					REV				
1.5" M.04.02- CLASS 2 1.5" M.04.02- CLASS 1 12.0" M.02.06 TYPE C F	BASE COUR PROCESSED	SE	Ē						
RIGID PAVEMENT SECTION: 6.0" 4500 PSI AIR-ENTRAINED CONCRETE 8.0" 4500 PSI AIR-ENTRAINED CONCRETE AT TRASH ENCLOSURE 12.0" M.02.06 TYPE C PROCESSED GRAVEL SUBBASE			DATE	9/15/15					
NOTE: FINAL PAVEMENT SPECIFICATIONS TO BE COORDINATED WITH GEOTECHNICAL REPORT RECOMMENDATIONS. McDONALD'S ENGINEER RESERVES THE RIGHT TO REQUEST A COMPACTION TEST AND/OR A CORE SAMPLE. IF TESTS PROVE CORRECT, PER ABOVE SPECIFICATION, TESTS WILL BE AT THE EXPENSE OF			REV	-					
McDON	IALD'S, OTH	ERWİSE, G.C. WILL	BE CHARGED.		יייי איייייייייייייייייייייייייייייייי		·~	T T	
		ING SU	PPLIED BY		J.A. K	UCI		<b>H</b> 1 ∷	
1085 BUFI	JOHNSON   FALO GROV	DRIVE			PROFESSION				
(800) 544 4848 NOTE: ELECTRICAL CONTRACTOR TO CIRCUIT LOT LIGHTING AS NOTED.					. CONNECTICUT	LICENSE No. 2	96177 9616 .		
			FORMATION		***************************************				
TOTAL 3 F	PROPOSED :		9.0' x 20.0' @ 75° 9.0' x 20.0' @ 90° 8.0'x 20.0' @ 75°	-		z			
UTI	LIT	Y INFO	RMATION			CORPORATION MISSION.			
	SIZE	TYPE	LOCATION			DONALD'S CORPOF TTEN PERMISSION			
SANITARY SEWER WATER	6" & 36" 4" & 10"	PVC & RCP	ON-SITE ON-SITE	_	(00)	DONALD'S TTEN PERI	REGION	STREET	D, MA
STORM SEWER	N/A	N/A	N/A				1		
ELECTRIC GAS	TBD TBD	TBD TBD	ON-SITE ON-SITE		7	ATIONS ARE THE PROPERTY OF MC REPRODUCED WITHOUT THEIR WRI	NORTHEAST	690 CANTON	WESTWOO
SUR	VEY		RMATION			'ROPE  'HOUT	NORT	990 C	WE
PREPARED BY:		. POINT ASSOCIATE PIKE ROAD	ES, INC.		$\bigcirc$	: THE F ED WIT			
SOUTHBOROUGH, MA 01772 JOB #: CM14215						AS ARE			
DATE: NOVEMBER 24, 2014 REVISED: MAY 14, 2015						PLANS AND SPECIFICATIONS ARE THE PROPERTY OF MCI AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRI			
EXISTING	G CO	NDITI(	ONS LEGEND			PECIFI NOT BE			
—— 1. —— 1.	24 —— 25 ——	EXISTING CON	TOUR		$\bigcirc$	LANS AND SPEC AND SHALL NOT			
>	< 123.45	EXISTING SPOT	T ELEVATION			PLANS AND \$			
	wv.	HYDRANT				THESE	兴	RESS	ı
	№ ——	WATER VALVE OVERHEAD WIF	RES			-	OFFICE	ADDRESS	
	——————————————————————————————————————						Ш		
APPROX. LOC. UNDERGROUND TELE. LINE							DATE		
w APPROX. LOC. UNDERGROUND WATER LINE UTILITY POLE									
○─────── UTILITY POLE/LIGHT POLE									
	<	GUY WIRE							
	•	SIGN BOLLARD				PROVALS	     []]		
		AREA LIGHT					ATURE		
$\wedge$	Т	PAY PHONE				PLAN AP	SIGNA		
42	_ <	PAINTED ARRO	DWS			PL/	(0)		

PARKING SPACE COUNT

STATE

MASSACHUSETTS

COVER SHEET

PLAN DESCRIPTION

STATUS

PLAN CHECKED

DRAWN BY:

AS-BUILT

SHEET NO.

DATE BY

8/12/15 EGD

RAILROAD TIE WALL

**NEW BEDFORD** 

020-0128

SITE ID#

STREET ADDRESS

1080 KINGS HIGHWAY

COUNTY

**BRISTOL COUNTY** 

UBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:

CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.

- "ALTA/ACSM LAND TITLE SURVEY", PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED 11/24/14, REVISED THRU 05/14/15.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE. THIS IS CONTRACTOR'S RESPONSIBILITY.
- ALL ACCESSIBLE (A/K/A ADA) PARKING SPACES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 et seg. AND 42 U.S.C. § 4151 et seg.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THE PROJECT IS TO BE CONSTRUCTED. AND ANY AND ALL AMENDMENTS TO BOTH WHICH ARE IN EFFECT WHEN THESE PLANS ARE COMPLETED.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES AND CONFIRMED THAT ALL NECESSARY OR REQUIRED PERMITS HAVE BEEN ORTAINED.
- THE OWNER/CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT.
- THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT. DISCREPANCY OR AMBIGUITY, THE MORE STRINGENT REQUIREMENTS AND/OR RECOMMENDATIONS CONTAINED IN THE PLANS AND THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE ENGINEER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER
- THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND NOTIFY BOHLER ENGINEERING, IN WRITING, IMMEDIATELY IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.
- ALL DIMENSIONS SHOWN ON THE PLANS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR MUST NOTIFY ENGINEER. IN WRITING, IF ANY CONFLICTS, DISCREPANCIES, OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE REDONE OR REPAIRED DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO CONTRACTOR GIVING ENGINEER WRITTEN NOTIFICATION OF SAME AND ENGINEER, THEREAFTER, PROVIDING CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK
- CONTRACTOR MUST REFER TO THE ARCHITECTURAL/BUILDING PLANS "OF RECORD" FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS. AND EXACT BUILDING UTILITY LOCATIONS.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE ENTIRE SITE PLAN AND THE LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES WHICH EXIST.
- . DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL GOVERNMENTAL AUTHORITIES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS
- THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT.
- . THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION. INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC, AND SHALL BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAME. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND TO NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
- ALL CONCRETE MUST BE AIR ENTRAINED AND HAVE THE MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.
- THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS. MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEAN, METHODS TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY. THE ENGINEER OF RECORD HAS NOT BEEN RETAINED TO PERFORM OR BE RESPONSIBLE FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF ENGINEER'S SERVICES AS RELATED TO THE PROJECT. THE ENGINEER OF RECORD IS NOT RESPONSIBLE TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES, AT ANY TIME.
- : ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER ENGINEERING, AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES. AND RELATED ENTITIES. AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSURED AND TO PROVIDE CONTRACTUAL LIABILITY OVERAGE SUFFICIENT TO INSURE THIS HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH BOHLER ENGINEERING WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLIC'S DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR ONE YEAR AFTER THE COMPLETION OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL TO THE FULL EST. EXTENT PERMITTED UNDER THE LAW. INDEMNIFY. DEFEND AND HOLD HARMLESS BOHLER ENGINEERING AND ITS PAST, PRESENT AND FUTURE OWNERS. OFFICERS DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, INJURIES, CLAIMS, ACTIONS, PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY CLAIMS, STATUTORY CAUSES OF ACTION, LOSSES, CAUSES OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE PROJECT. INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. CONTRACTOR MUST NOTIFY ENGINEER IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION, SUSPENSION OR CHANGE OF ITS INSURANCE HEREUNDER.
- BOHLER ENGINEERING WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS AND/OR TECHNIQUES OR PROCEDURES COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME HEREUNDER. BOHLER ENGINEERING'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM MUST NOT INDICATE THAT BOHLER ENGINEERING HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT PROMPTLY AND IMMEDIATELY BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR. BOHLER ENGINEERING WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
- ). NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER ENGINEERING, NOR THE PRESENCE OF BOHLER ENGINEERING AND/OR ITS PAST, PRESENT AND FUTURE OWNERS OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING. BUT NOT LIMITED TO. CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING OVERSEFING SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND COMPLIANCE ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT AND/OR PROPERTY. BOHLER ENGINEERING AND ITS PERSONNEI HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. BOHLER ENGINEERING SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND MUST BE NAMED AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE IN NOTE 19 FOR JOB SITE SAFETY
- I. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER FOR SUCH DEVIATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS. ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND, FURTHER, SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE ENGINEER, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, IN
- ACCORDANCE WITH PARAGRAPH 19 HEREIN, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, PENALTIES AND THE LIKE RELATED TO SAME. . CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE R.O.W. OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE.
- 3. ALL SIGNING AND PAVEMENT STRIPING MUST CONFORM TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR LOCALLY APPROVED SUPPLEMENT.
- 4. ENGINEER IS NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH THE APPROVED PLANS. IF CONTRACTOR AND/OR OWNER FAIL BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS, THEY AGREE TO JOINTLY AND SEVERALLY INDEMNIFY AND HOLD ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS.
- . OWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, IN STRICT ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN AND, FURTHER ENGINEER IS NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES. IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, OWNER AGREES TO INDEMNIFY AND HOLD ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE.
- 3. ALL DIMENSIONS MUST BE TO FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, UNLESS NOTED OTHERWISE.
- . ALL CONSTRUCTION AND MATERIALS MUST COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, ORDINANCES, RULES AND CODES, AND ALL APPLICABLE OSHA REQUIREMENTS.
- 3. CONTRACTOR AND OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF CONTRACTOR AND/OR OWNER FAIL TO DO SO, THEY AGREE TO JOINTLY AND SEVERALLY INDEMNIFY AND HOLD ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE.
- . CONTRACTOR IS RESPONSIBLE TO MAINTAIN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH EPA REQUIREMENTS FOR SITES WHERE ONE (1) ACRE OR MORE (UNLESS THE LOCAL JURISDICTION REQUIRES FEWER) IS DISTURBED BY CONSTRUCTION ACTIVITIES. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL ACTIVITIES, INCLUDING THOSE OF SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED TO LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES. AS APPROPRIATE.
- . AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED APPLICATION DOCUMENTS PREPARED BY THE SIGNATORY PROFESSIONAL ENGINEER, THE USE OF THE WORDS CERTIFY OR CERTIFICATION CONSTITUTES AN EXPRESSION OF "PROFESSIONAL OPINION" REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE UNDERSIGNED PROFESSIONAL KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESSED OR IMPLIED.

## GENERAL GRADING & UTILITY PLAN NOTES

- LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE INDEPENDENTLY CONFIRMED WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION, SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE INDEPENDENTLY CONFIRMED BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES MUST IMMEDIATELY BE REPORTED. IN WRITING, TO THE ENGINEER, CONSTRUCTION MUST COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO
- CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE FIBER OPTIC CABLE. ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE. WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION, AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY BETWEEN THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE OR APPLICABLE CODES, REGULATIONS, LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD, IN WRITING, OF SAID CONFLICT AND/OR DISCREPANCY PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR'S FAILURE TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CONTRACTOR'S FULL AND COMPLETE ACCEPTANCE OF ALL RESPONSIBILITY TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, STATUTES, ORDINANCES AND CODES AND, FURTHER, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SAME.
- 4. THE CONTRACTOR MUST LOCATE AND CLEARLY AND UNAMBIGUOUSLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. 5 THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE AND INACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY
- THE CONTRACTOR MUST FAMILIARIZE ITSELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
- THE CONTRACTOR MUST INSTALL ALL STORM SEWER AND SANITARY SEWER COMPONENTS WHICH FUNCTION BY GRAVITY PRIOR TO THE INSTALLATION OF ALL OTHER UTILITIES
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES. TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS WITH JURISDICTION AND/OR CONTROL OF THE SITE, AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE SITE PLANS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER. IN WRITING, AND PRIOR TO CONSTRUCTION, RESOLVE SAME
- WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE MUST INCLUDE ALL FEES, COSTS AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE FULL AND COMPLETE WORKING SERVICE. CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT PRIOR TO COMMENCING CONSTRUCTION
- ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES MUST BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.
- SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS MUST BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. VERIFYING THAT ALL FILLED AREAS AND SURGRADE AREAS WITHIN THE BLUEDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS. SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS RULES STATUTES LAWS ORDINANCES AND CODES. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPER'S REPRESENTATIVE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS. RULES. STATUTES. LAWS. ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.
- ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND MUST BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS, WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST, AT A MINIMUM. COMPLY WITH THE STATE DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL. COMPACTION AND BACKFILL. FURTHER, CONTRACTOR IS FULLY RESPONSIBLE FOR EARTHWORK BALANCE.
- THE CONTRACTOR MUST COMPLY, TO THE FULLEST EXTENT, WITH THE LATEST OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES AND CONSULTANT SHALL HAVE NO RESPONSIBILITY FOR OR AS RELATED FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES
- PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, MUST EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
- THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES,
- 15. DURING THE INSTALLATION OF SANITARY SEWER, STORM SEWER, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE FROM THE INFORMATION CONTAINED IN THE UTILITY PLAN. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER AT THE COMPLETION OF
- WHEN THE SITE IMPROVEMENT PLANS INVOLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE, THE CONTRACTOR MUST EXTEND ALL LINES, INCLUDING BUT NOT LIMITED TO STORM SEWER, SANITARY SEWER, UTILITIES, AND IRRIGATION LINE, TO A POINT AT LEAST FIVE (5) FEET BEYOND THE PAVED AREAS FOR WHICH THE CONTRACTOR IS RESPONSIBLE, CONTRACTOR MUST CAP ENDS AS APPROPRIATE, MARK LOCATIONS WITH A 2X4, AND MUST NOTE THE LOCATION OF ALL OF THE ABOVE ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST 12. PROMPTLY PROVIDE TO THE OWNER UPON COMPLETION OF THE WORK.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. CONTRACTOR MUST CONFIRM AND ENSURE 0.75% MINIMUM SLOPE AGAINST ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT (EXCEPT WHERE ADA REQUIREMENTS OR EXISTING TOPOGRAPHY LIMIT GRADES), TO PREVENT PONDING. CONTRACTOR MUST IMMEDIATELY IDENTIFY. IN WRITING TO THE ENGINEER. ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER NOTIFICATION, MUST BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE DESIGN ENGINEER FOR ANY DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM SAME.
- 18. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF .075% GUTTER GRADE ALONG CURB FACE. IT IS CONTRACTOR'S OBLIGATION TO ENSURE THAT DESIGN ENGINEER APPROVES FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION OF SAME.
- REFER TO THIS SHEET FOR ADDITIONAL NOTES
- IN THE EVENT OF DISCREPANCIES AND/OR CONFLICTS BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE AND CONTROL, CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER IN WRITING OF ANY DISCREPANCIES AND/OR CONFLICTS.
- I. CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK ANY WORK.

WHERE RETAINING WALLS (WHETHER OR NOT THEY MEET THE JURISDICTIONAL DEFINITION) ARE IDENTIFIED ON PLANS, ELEVATIONS IDENTIFIED ARE FOR THE EXPOSED PORTION OF THE WALL. WALL

FOOTINGS/FOUNDATION ELEVATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR BASED ON FINAL STRUCTURAL DESIGN SHOP DRAWINGS PREPARED BY THE

- APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS. STORM DRAINAGE PIPE: UNLESS INDICATED OTHERWISE, ALL STORM SEWER PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT TIGHT JOINTS. WHEN HIGH-DENSITY POLYETHYLENE
- PIPE (HDPE) IS CALLED FOR ON THE PLANS. IT MUST CONFORM TO AASHTO M294 AND TYPE S (SMOOTH INTERIOR WITH ANGULÁR CORRUGATIONS) WITH GASKET FOR SILT TIGHT JOINT. PVC PIPE FOR ROOF DRAIN CONNECTION MUST BE SDR 26 OR SCHEDULE 40 UNLESS INDICATED OTHERWISE.
- 24. SANITARY SEWER PIPE MUST BE POLYVINYL CHLORIDE (PVC) SDR 35 EXCEPT WHERE INDICATED OTHERWISE. SANITARY LATERAL MUST BE PVC SCHEDULE 40 OR PVC SDR 26 UNLESS INDICATED, IN WRITING, OTHERWISE
- 25. STORM AND SANITARY SEWER PIPE LENGTHS INDICATED ARE NOMINAL AND MEASURED CENTER OF INLET AND/OR MANHOLES STRUCTURE TO CENTER OF STRUCTURE.
- 26. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON PRELIMINARY ARCHITECTURAL PLANS, CONTRACTOR IS RESPONSIBLE TO AND FOR VERIFYING LOCATIONS OF SAME BASED ON FINAL ARCHITECTURAL PLANS.
- SEWERS CROSSING STREAMS AND/OR LOCATION WITHIN 10 FEET OF THE STREAM EMBANKMENT, OR WHERE SITE CONDITIONS SO INDICATE, MUST BE CONSTRUCTED OF STEEL, REINFORCED CONCRETE, DUCTILE IRON OR OTHER SUITABLE MATERIAL.
- SEWERS CONVEYING SANITARY FLOW COMBINED SANITARY AND STORMWATER FLOW OR INDUSTRIAL FLOW MUST BE SEPARATED FROM WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET HORIZONTALLY. IF SUCH LATERAL SEPARATION IS NOT POSSIBLE, THE PIPES MUST BE IN SEPARATE TRENCHES WITH THE SEWER AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN, OR SUCH OTHER
- WHERE APPROPRIATE SEPARATION FROM A WATER MAIN IS NOT POSSIBLE. THE SEWER MUST BE ENCASED IN CONCRETE, OR CONSTRUCTED OF DUCTILE IRON PIPE USING MECHANICAL OR SLIP-ON. JOINTS FOR A DISTANCE OF AT LEAST 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE WATER LINE AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER MUST BE PROVIDED
- 28. WATER MAIN PIPING MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE LOCAL WATER PURVEYOR, IN THE ABSENCE OF SUCH REQUIREMENTS, WATER MAIN PIPING MUST BE CEMENT-LINED DUCTILE IRON (DIP) MINIMUM CLASS 52 THICKNESS. ALL PIPE AND APPURTENANCES MUST COMPLY WITH THE APPLICABLE AWWA STANDARDS IN EFFECT AT THE TIME OF

WHERE BASEMENTS ARE TO BE PROVIDED FOR PROPOSED DWELLING UNITS, THE DEVELOPER SHALL, BY BORING OR BY TEST PIT, DETERMINE THE DEPTH TO GROUNDWATER AT THE LOCATION OF THE

- CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SEWER, WATER AND STORM SYSTEMS, MUST BE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND/OR DOT DETAILS AS APPLICABLE. CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION
- PROPOSED DWELLINGS. WHERE GROUNDWATER IS ENCOUNTERED IN THE BASEMENT AREA, BASEMENTS WILL NOT BE INSTALLED UNLESS SPECIAL CONSTRUCTION METHODS ARE UTILIZED. TO BE REVIEWED AND APPROVED BY THE MUNICIPAL CONSTRUCTION CODE OFFICIAL, IF AND WHERE SUMP PUMPS ARE INSTALLED, ALL DISCHARGES MUST BE CONNECTED TO THE STORM SEWER, A CLEANOUT MUST BE PROVIDED PRIOR TO THE CONNECTION TO THE STORM DRAIN IN ORDER THAT BLOCKAGES CAN BE ADDRESSED.
- 31. FOR SINGLE AND TWO-FAMILY RESIDENTIAL PROJECTS, WHERE THE PROPOSED DWELLING AND ADJACENT SPOT ELEVATION(S) ARE SCHEMATIC FOR GENERIC BUILDING FOOTPRINT, GRADES MUST BE ADJUSTED BASED ON FINAL ARCHITECTURAL PLANS TO PROVIDE A MINIMUM OF SIX (6) INCHES BELOW TOP OF BLOCK AND /OR SIX (6) INCHES BELOW SIDING, WHICHEVER IS LOWEST, AND MUST PROVIDE POSITIVE DRAINAGE (2% MIN.) AWAY FROM DWELLING. ALL CONSTRUCTION, INCLUDING GRADING, MUST COMPLY WITH THE LATEST LOCAL AND STATE BUILDING CODE AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
- 32. LOCATION OF PROPOSED UTILITY POLE RELOCATION IS AT THE SOLE DISCRETION OF UTILITY COMPANY.

Call before you dig.

CONSULTANT IS NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, SHALL HAVE NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY.

OFFICES: WARREN. NJ **♦ UPSTATE NEW YORK** BOSTON, MA NEW YORK METRO PHILADELPHIA/SOUTHERN NJ LEHIGH VALLEY, PA SOUTHEASTERN, PA

GENERAL DEMOLITION NOTES

BOHLER ENGINEERING HAS NO CONTRACTUAL, LEGAL, OR OTHER RESPONSIBILITY FOR JOB SITE SAFETY OR JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME

OTHER SITE PLAN DRAWINGS AND INCLUDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS

OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.

D. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARKOUT, IN ADVANCE OF ANY EXCAVATION.

THE FIRM OR ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE

AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT NEW IMPROVEMENTS AND PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE IN THE GEOTECHNICAL

REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES, AND MUST BE DONE SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES

EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND

PROGRAM AND/OR ANY DEMOLITION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS OF

CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL

CONTRACTOR MUST CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT

14. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT WRITTEN PERMISSION OF THE OWNER AND ALL GOVERNMENTAL

THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL STATE, AND/OR LOCA

CONTRACTOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS A

17. CONTRACTOR IS RESPONSIBLE FOR SITE JOB SAFETY, WHICH MUST INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING AND OTHER

18. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION AS TO THE MEANS.

METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED TO ACCOMPLISH THAT WORK. ALL MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED

MUST BE IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL OSHA AND OTHER SAFETY

DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH ALL MUNICIPAL, COUNTY, STATE

20. CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS UPON WHICH IS INDICATED THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED. ABANDONED IN PLACE, OR RELOCATED DUI

CONTRACTORS MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ADA (HANDICAP) ACCESSIBLE COMPONENTS AND ACCESS ROUTES FOR THE SITE. THESE

ARCHITECTURAL ACCESS BOARD STANDARDS AND REGULATIONS' BARRIER FREE ACCESS AND ANY MODIFICATIONS. REVISIONS OR UPDATES TO SAME. FINISHED SURFACES ALONG THE

ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACE, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT.

LANDINGS - MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.

PATH OF TRAVEL ALONG ACCESSIBLE ROUTE - MUST PROVIDE A 36-INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS CANNOT REDUCE THIS

MINIMUM WIDTH). THE SLOPE MUST BE NO GREATER THAN 1:20 (5.0%) IN THE DIRECTION OF TRAVEL, AND MUST NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN CROSS SLOPE.

WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:20 (5.0%), ADA RAMP MUST BE ADHERED TO. A MAXIMUM SLOPE OF 1:12 (8.3%), FOR A MAXIMUM RISE OF 2.5 FEET, MUST BE

PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE CROSS SLOPED NO MORE THAN 1:50 IN ANY DIRECTION (1/4" PER FOOT OR

DOORWAYS - MUST HAVE A "LEVEL" LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (1/4" PER FOOT OR NOMINALLY

2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE

WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OF EXTENSION OF OR TO ADA COMPONENTS FROM EXISTING DOORWAYS OR

SURFACES, CONTRACTOR MUST VERIFY EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE

DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES AND/OR

FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS. IN WRITING, BEFORE COMMENCEMENT OF WORK. CONSTRUCTED

THE CONTRACTOR MUST VERIFY THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-CONFORMANCE IS OBSERVED OR EXISTS, CONTRACTOR MUST

IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE, CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND REPLACE NON-CONFORMING

IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

COMPONENTS, AS CONSTRUCTED, MUST COMPLY WITH ALL APPLICABLE STATE AND LOCAL ACCESSIBILITY LAWS AND REGULATIONS AND THE CURRENT ADA AND/OR STATE

MUST COMPLY WITH THESE ADA AND/OR ARCHITECTURAL ACCESS BOARD CODE REQUIREMENTS. THESE INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ADA REQUIREMENTS.

AND FEDERAL LAWS AND APPLICABLE CODES. THE CONTRACTOR MUST MAINTAIN RECORDS TO DEMONSTRATE PROPER DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE

TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER, AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION

TANDARDS. AFTER THE DEMOLITION IS COMPLETE, CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS CAUSED BY THI

FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR

DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY.

DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION.

APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITY.

ADA INSTRUCTIONS TO CONTRACTOR:

PARKING SPACES AND PARKING AISLES - SLOPE SHALL NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.

DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2003 AND OTHER REFERENCED INCORPORATED BY CODE.)

EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL. STATE, AND LOCAL GOVERNMENTS MUST BE IN PLACE PRIOR TO CONTRACTOR STARTING AN EXPLOSIVE

B. NOTIFYING, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION DISTRICT, 72 HOURS PRIOR TO THE START OF WORK.

F. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ALL DEMOLITION ACTIVITIES

MUST IMMEDIATELY CEASE ALL WORK AND IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF THE DISCOVERY OF SUCH MATERIALS.

OR THE SAFETY OF THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT, WITH BOHLER ENGINEERING, IN WRITING, AND RESPONDED TO BY BOHLER, IN

THIS PLAN REFERENCES DOCUMENTS AND INFORMATION B

PREPARED BY:CONTROL POINT ASSOCIATES, INC.

ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.

OF THE PROJECT, SITE WORK, AND DEMOLITION WORK,

PRIOR TO STARTING ANY DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR/TO:

NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES.

SHALL PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.

STRUCTURAL OR GEOTECHNICAL ENGINEER

ALL LOCAL STRUCTURES.

OWNER UPON REQUEST.

NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.

MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE.

DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.

PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE.

• CURB RAMPS - SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET

C. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.

TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.

REQUIRED TO BE DONE "OFF-PEAK" IS TO BE DONE AT NO ADDITIONAL COST TO THE OWNER.

MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY.

ALTA/ACSM LAND TITLE SURVEY

11/24/14, REVISED THRU 05/14/15

1080 KING'S HIGHWAY

SOUTHBOROUGH, MA

NEW BEDFORD, MA

JOB#:CM14215

 SOUTHERN MARYLAND NORTHERN VIRGINIA WASHINGTON, DC CENTRAL VIRGINIA CHARLOTTE, NC RALEIGH, NC E INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE WITHOUT PRIOR WRITTE

(508) 480-9080

**352 TURNPIKE ROAD** 

**SOUTHBOROUGH, MA 01772** 

Phone: (508) 480-9900

www.BohlerEngineering.com

UTHORIZATION FROM BOHLER ENGINEERING. ONLY APPROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES c 2008 BOHL

CONSTRUCTION CHECK DATE CONSTRUCTION CHECK DATE PROJECT No. W142005 CAD I.D. #: W142005ss1.dwg

SITE ID#

**ABBREVIATIONS** DESCRIPTION KEY BOTTOM CURB PROP. PROPOSED TO BE REMOVED TBR/R TOP CURB AND REPLACED BACK OF CURB TBR TO BE REMOVED CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 et seq.), AS AMENDED AND TPF TREE PROTECTION FENCE BOTTOM OF WALL GRADE TOP OF WALL BLDG. BUILDING THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION, ONLY, REGARDING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR MUST ALSO REVIEW THE **EXISTING** SQUARE FEET SF CONTRACTOR MUST RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS, CONCERNS REGARDING THE APPLICABLE SAFETY STANDARDS BENCHMARK SEWER MANHOLE WRITING, PRIOR TO THE INITIATION OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS EDGE OF PAVEMENT DMH DRAIN MANHOLE CENTERLINE STM. STORM FINISHED FLOOR SAN. SANITARY A. OBTAINING ALL REQUIRED PERMITS AND MAINTAINING THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION VERIFY IN FIELD CONC. CONCRETE GENERAL CONTRACTOR ARCH. ARCHITECTURAL DEP. HIGH POINT DEPRESSED LOW POINT H'CAP. HANDICAP E, LOCATING AND PROTECTING ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPT TYPICAL MIN. MINIMUM CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY INTERSECTION MAXIMUM POINT OF CURVATURE No./# NUMBER 3. ARRANGING FOR AND COORDINATING WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT POINT OF TANGENCY WIDE PLANS AND SPECIFICATIONS. THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEI POINT OF INTERSECTION DEC. DECORATIVE POINT OF VERTICAL H, COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT ON THE AFFECTED PARTIES. WORLD ELEV. ELEVATION INTERSECTION STATION UNG. UNDERGROUND I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS, THE CONTRACTOR GRATE R.O.W. RIGHT OF WAY LINEAR FOOT INVERT DUCTILE IRON PIPE LOD LIMIT OF DISTURBANCI THE CONTRACTOR MUST PROVIDE ALL "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHE IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO REMAIN. CONTRACTOR MUST USE PVC POLYVINYL CHLORIDE PIPE LOW LIMIT OF WORK NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIR MUST INCLUDE THE RESTORATION OF ANY ITEMS REPAIRED TO THE PRE-DEMOLITION CONDITION. OR BETTER. CONTRACTO HIGH DENSITY L.S.A. LANDSCAPED AREA POLYETHYLENE PIPE REINFORCED THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF PLUS OR MINUS CONCRETE PIPE DISTURBANCE UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, AND/OR UNDER THE WRITTEN DIRECTION OF THE OWNER'S SLOPE DEGREE MEET EXISTING Ø / DIA. DIAMETER CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS

TYPICAL

### RADIUS TYPICAL LEGEND **EXISTING PROPOSED** PROPERTY LINE SETBACK EASEMENT CURB STORM MANHOLE SEWER MANHOLE CATCH BASIN WETLAND FLAG WF#5 WETLAND LINE SPOT ELEVATION × 54.83 × TC 54.58 TOP & BOTTOM OF CURB G 53.78 — — *53* — — CONTOUR FLOW ARROW PAINTED ARROW RIDGE LINE TELEPHONE LINE ELECTRIC LINE OVERHEAD WIRE STORM PIPE SANITARYLINE PARKING COUNT SIGN \_

PROFESSIONAL ENGINEER

MASSACHUSETTS LICENSE No. 41530

. CONNECTICUT LICENSE No. 26177 .RHODE ISLAND LICENSE No. 9616

MAINE LICENSE No. 12553

0

REFER TO SITE PLAN FOR ZONING ANALYSIS TABLE AND LAND USE/ ZONING INFORMATION & NOTES

REFER TO SOIL EROSION CONTROL NOTES & DETAILS SHEET FOR TYPICAL EROSION NOTES AND DETAILS

STREET ADDRESS 1080 KINGS HIGHWAY CITY STATE STATUS DATE **NEW BEDFORD** MASSACHUSETTS DRAWN BY: 8/12/15 | EGI COUNTY PLAN CHECKED **BRISTOL COUNTY** AS-BUILT PLAN DESCRIPTION SHEET NO. GENERAL 020-0128

REFER TO LANDSCAPE NOTES & DETAILS FOR TYPICAL LANDSCAPE NOTES AND DETAILS CIVIL & CONSULTING ENGINEERS SURVEYORS REFER TO LIGHTING PLAN PLAN FOR TYPICAL PROJECT MANAGERS LIGHTING NOTES AND TABLES

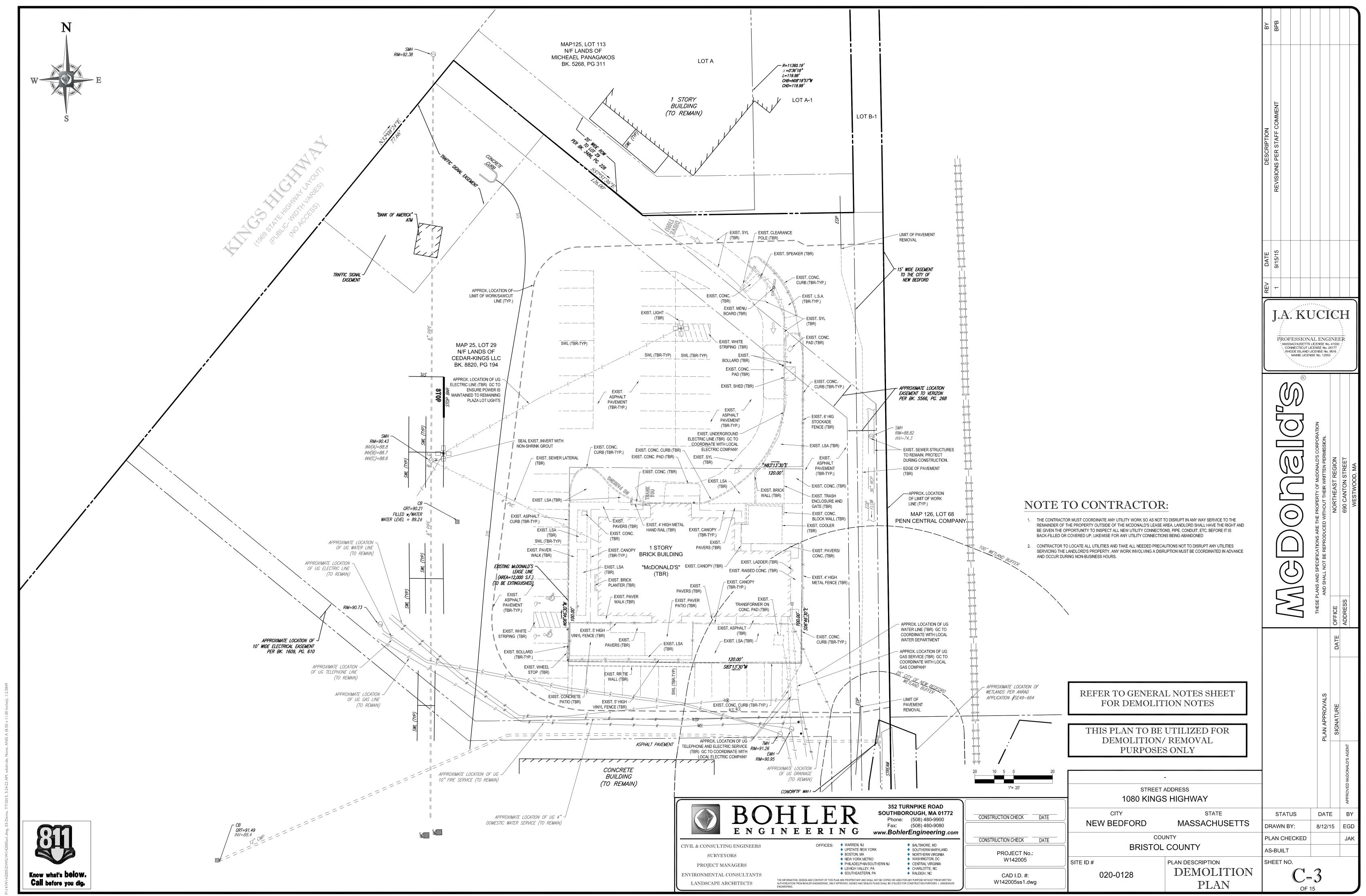
NVIRONMENTAL CONSULTANTS

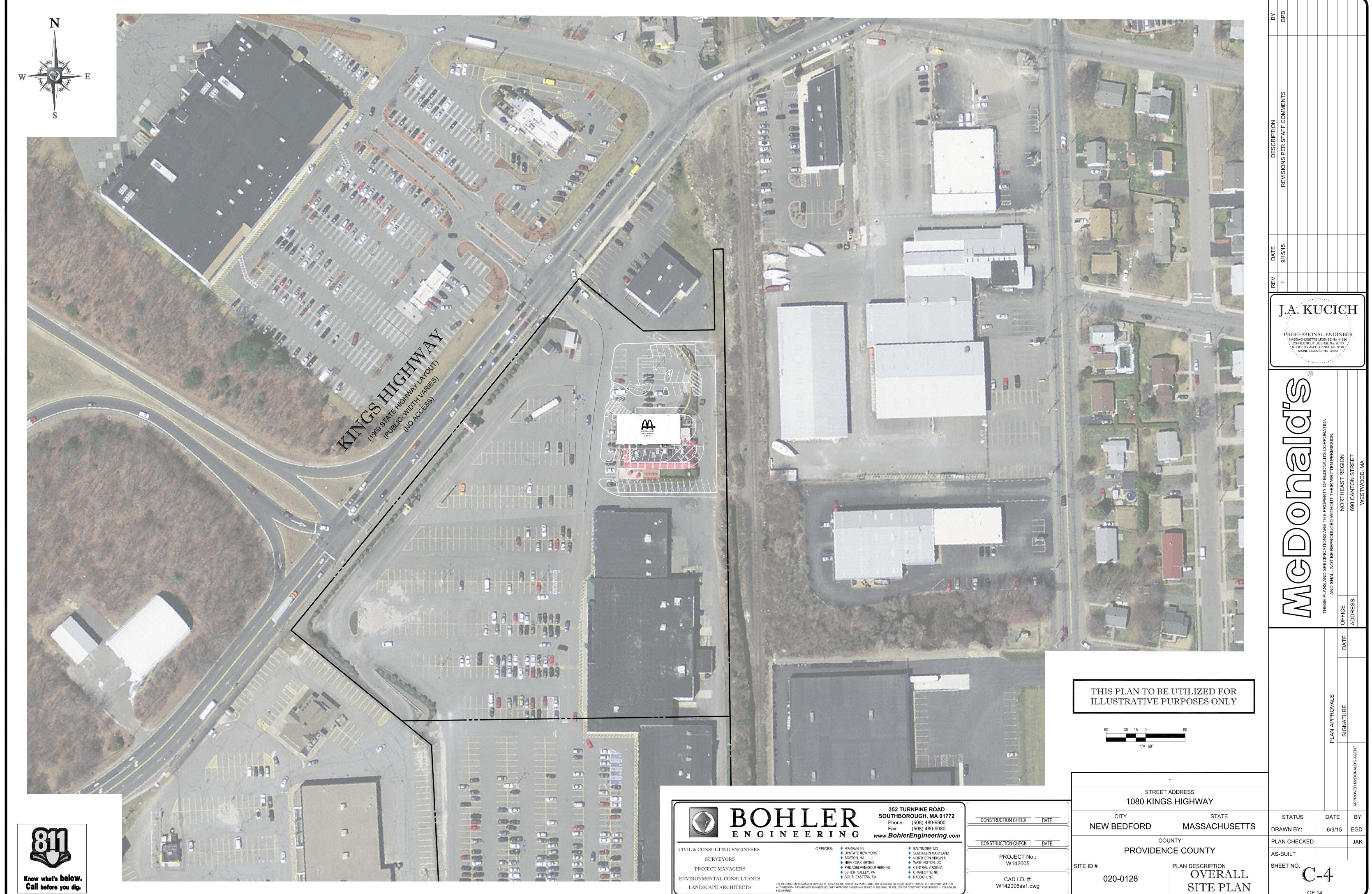
LANDSCAPE ARCHITECTS

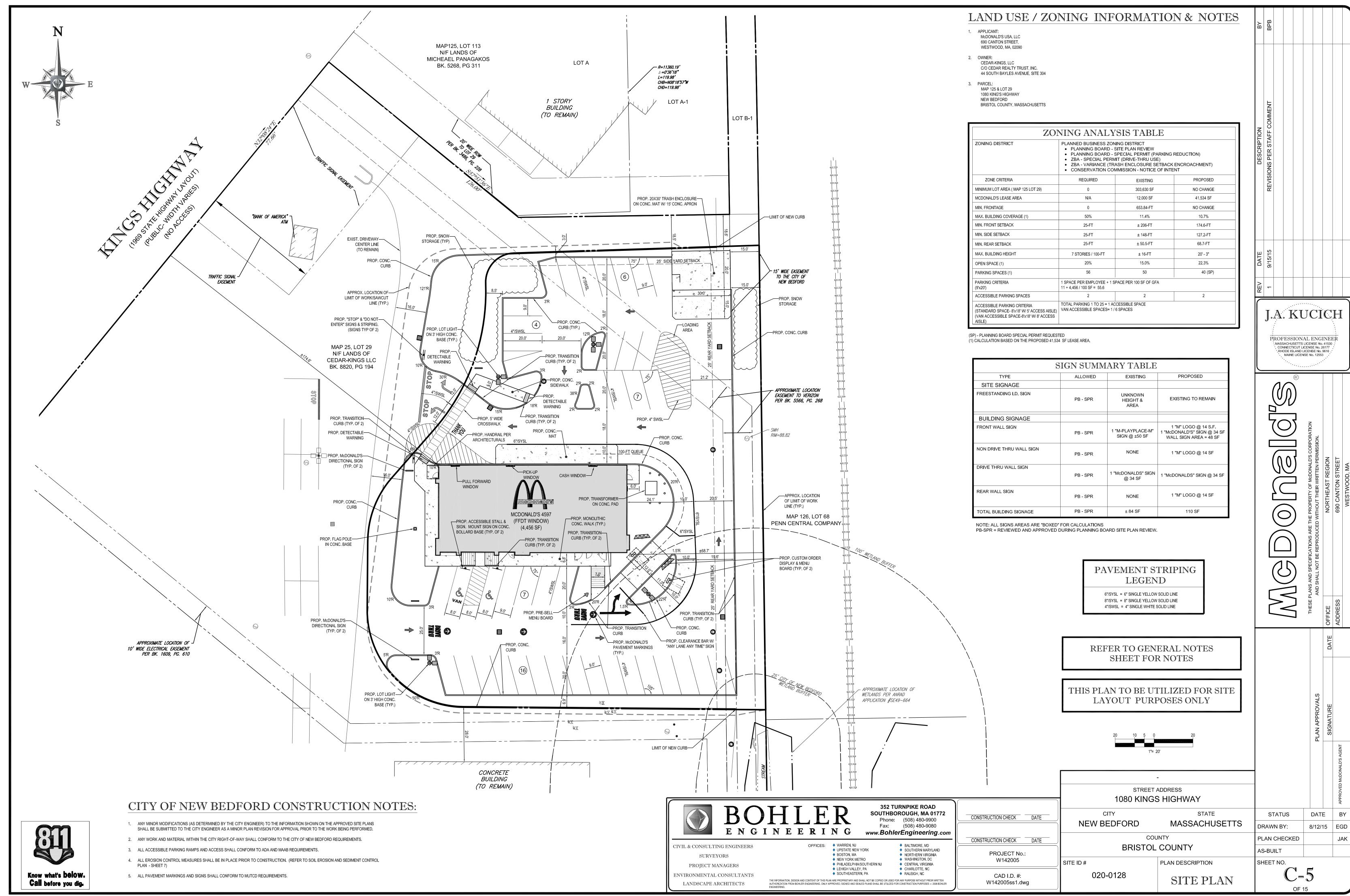
= = = = = = LIGHT POLE GUIDE RAIL

UTILITY POLE

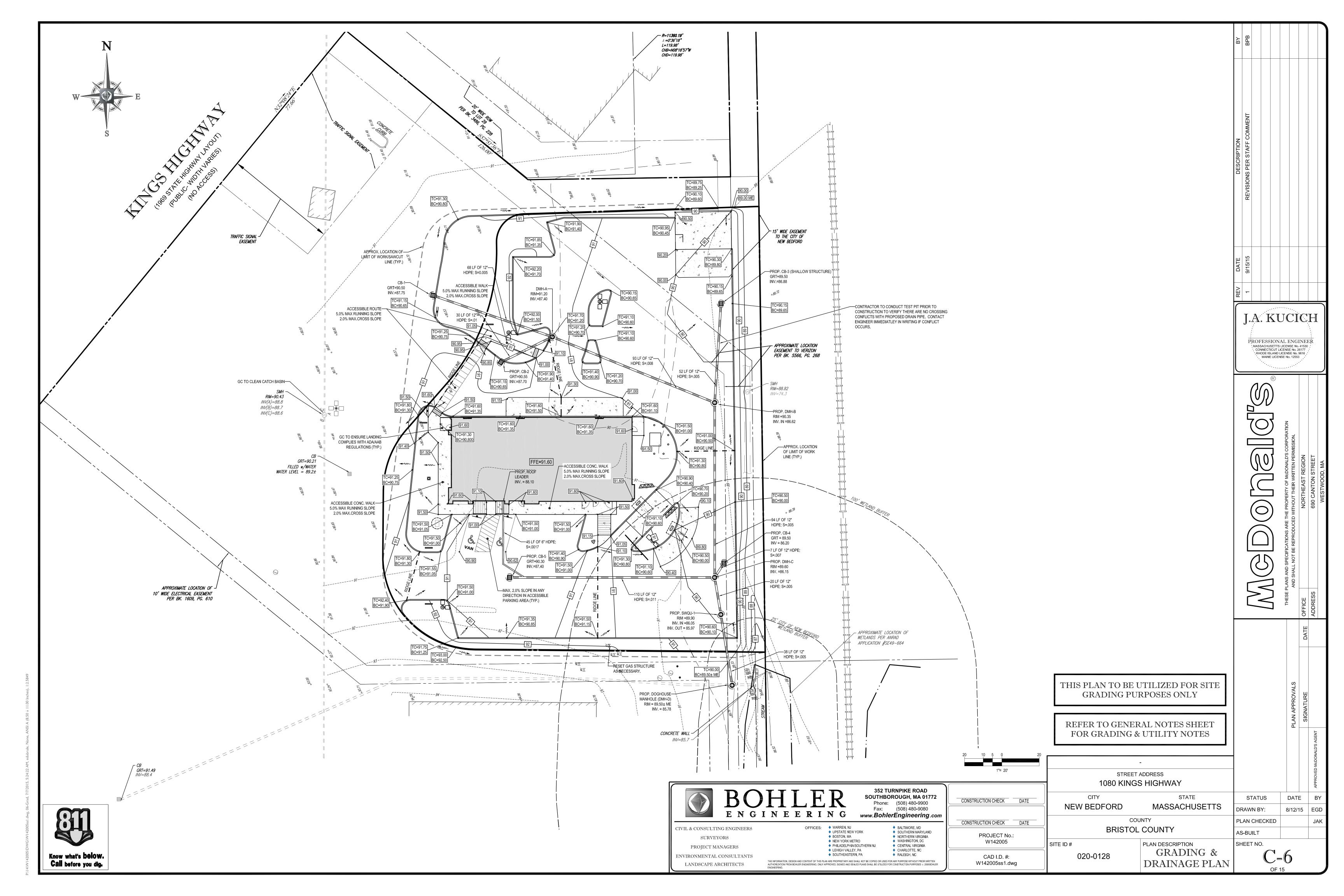
NOTES SHEET

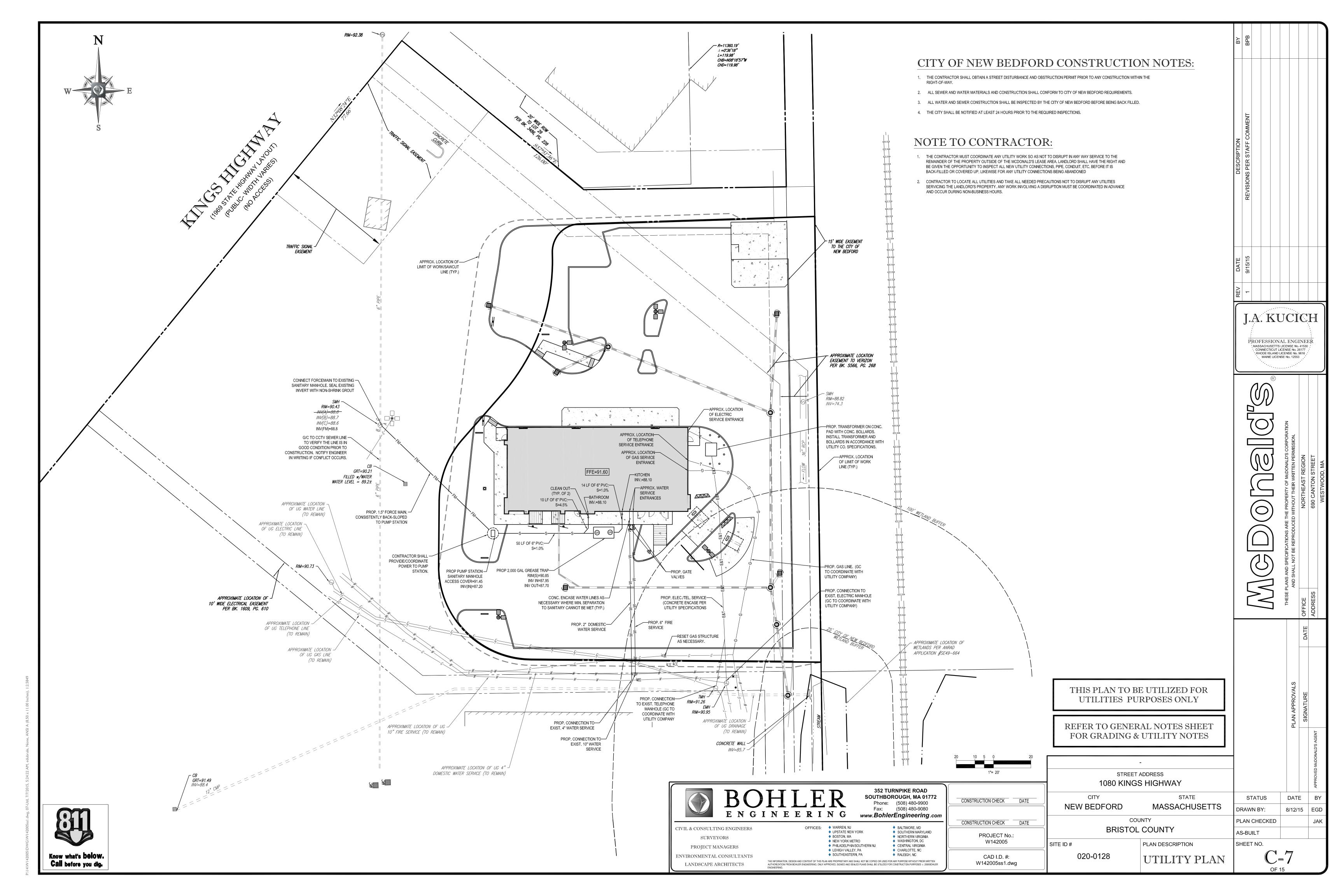


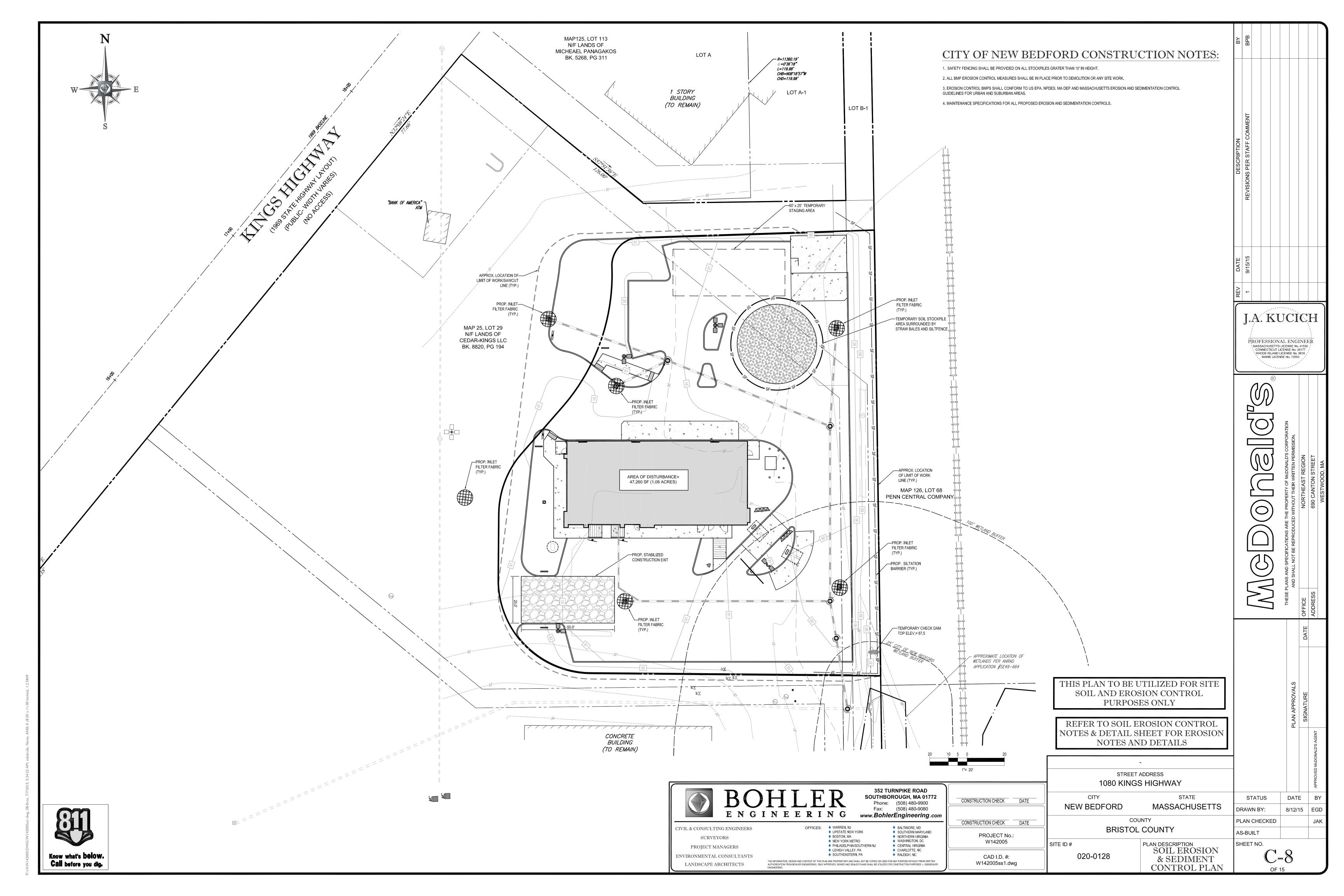




P:\14\W142005\DWG\WI42005sDWG\W142005ss1.dwg, 05-Site, 7/7/2015, 5:24:22 AM, edubrule, None, ANSI A (8.50 × 11.0







- 2. THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL. IF THE DISTURBANCE IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY STORM EVENT (THIS WOULD INCLUDE
- 3. SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH
- SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%. INSTALL SILT FENCE AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILT FENCE DETAIL FOR PROPER INSTALLATION.
- ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSURE, SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER, SEDIMENT CONTROL DEVICES
- 6. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1).

SILT FENCE WILL REMAIN IN PLACE PER NOTE #5.

THE NEXT RECOMMENDED SEEDING PERIOD.

- 7. IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL
- TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO
- THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN
- 10. REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL
- DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS
- 10.1. SIX INCHES OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE.
- 10.2. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING 10-20-20 OR EQUIVALENT. APPLY GROUND LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB PER1,000 SF).
- 10.3. FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A MIXTURE OF 47% CREEPING RED FESCUE, 5% REDTOP, AND 48% TALL FESCUE, THE LAWN AREAS WILL BE SEEDED TO A PREMIUM TURF MIXTURE OF 44% KENTUCKY BLUE-GRASS, 44% CREEPING RED FESCUE, AND 12% PERENNIAL RYEGRASS: SEEDING RATE IS 1.03 LBS PER 1,000 SF LAWN QUALITY SOD MAY BE SUBSTITUTED FOR SEED.
- 10.4. HAY MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON HAY MULCH FOR WIND CONTROL.
- 11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.
- 12. WETLANDS WILL BE PROTECTED W/STRAW BALES AND/OR SILT FENCE INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.
- 13. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN
- 14. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORKED.

RATE (1000 SF) PROTECT AREA SHREDDED OR CHOPPED CORNSTALKS 185-275 POUNDS WINDY AREA STRAW (ANCHORED)\* 100 POUNDS MODERATE TO HIGH JUTE MESH OR EXCELSIOR MAT AS REQUIRED VELOCITY AREAS OR STEEP SLOPES

GREATER THAN 3:

**GREATER THAN 3:1** (REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT)

\* A HYDRO-APPLICATION OF WOOD, OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON HAY MULCH FOR WIND CONTROL.

MULCH ANCHORING ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 LBS/ACRE); CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL AREAS AND ROAD DITCHES MAY BE PERMITTED.

## EROSION CONTROL NOTES DURING WINTER CONSTRUCTION

- 1. WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.
- WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
- 3. EXPOSED AREA SHOULD BE LIMITED TO THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.
- CONTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
- 5. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AT A RATE OF 100 LB, PER 1.000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDED, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE.
- BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED. FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 - 300% HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF HAY OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.
- 7. MULCHING REQUIREMENTS:
- 7.1. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING OR WOOD CELLULOSE FIBER.
- 7.2. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPE EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%.
- 7.3. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
- 9. DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING
- 10. STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION
- 11. EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED.

## CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

-INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE/EXIT (AS SHOWN)

-INSTALLATION OF EROSION CONTROL BARRIER (STRAW BALES AND SILT FENCE) (AS SHOWN)

-INSTALLATION OF INLET PROTECTION IN STREET (AS SHOWN)

-DEMOLITION OF EXISTING SITE STRUCTURES (SEE DEMOLITION PLAN)

-DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES (SEE DEMOLITION PLAN)

-INSTALLATION OF TEMPORARY SWALES AND SEDIMENT BASINS

-EARTHWORK AND EXCAVATION/FILLING AS NECESSARY

-CLEARING AND GRUBBING

-CONSTRUCTION OF UTILITIES

-STABILIZE PERMANENT LAWN AREAS AND SLOPES WITH TEMPORARY SEEDING

-INSTALLATION OF INLET PROTECTION ON ON-SITE UTILITIES (AS SHOWN)

-CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISLANDS AS INDICATED ON THE PLANS

-SPREAD TOPSOIL ON SLOPED AREAS AND SEED AND MULCH

-FINAL GRADING OF ALL SLOPED AREAS

-PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED MIXTURE TO BE

-REMOVAL OF THE TEMPORARY SEDIMENT BASINS

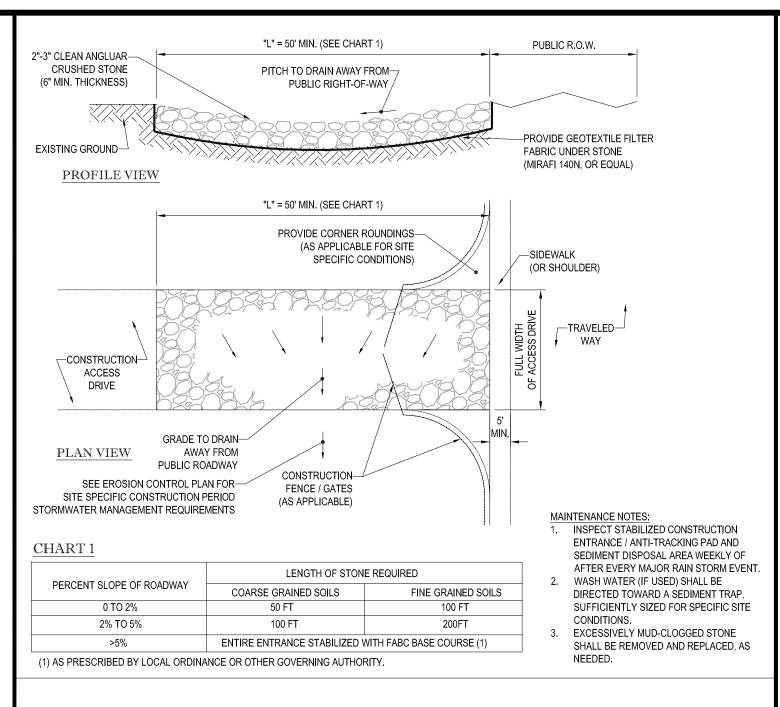
-PAVE PARKING LOT

-LANDSCAPING PER LANDSCAPING PLAN

-REMOVE EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 70% STABLIZATION OR GREATER.

. EXCAVATE A 6"x 6" TRENCH ALONG THE LINE OF EROSION CONTROL OF THE SITE.

TOE-IN METHODS



STABILIZED CONSTRUCTION ENTRANCE N.T.S.

LOOPS SIZED FOR 1"

REBAR. LIFT FILTER

BAG FROM INLET

USING REBAR FOR

OVERFLOW HOLES -

GEOTEXTILE BAG -

1/4" BRIGHTLY COLORED -

NYLON ROPE EXPANSION

LOOPS SIZED FOR 1"

REBAR. USE REBAR FOR

A HANDLE TO EMPTY

SEDIMENT COLLECTION

FILTER SACK AT A

HANDLES.

RESTRAINT

LOCATION.

GRADE -

2"X2"X3/4" RUBBER

1/4" BRIGHTLY COLORED

NYLON ROPE EXPANSIO

BLOCK (TYP)

RESTRAINT

2 RE-BAR, STEEL PICKETS OR 2"X2" STAKES 1 1/2" TO 2' IN GROUND, DRIVE STAKES FLUSH WITH ANGLE FIRST STAKE TOWARD PREVIOUSLY LAID BALE' -BOUND BALES PLACED ON CONTOUR DRAINAGE AREA NO MORE THAN 1/4 AC. PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 25% 1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.

2. EACH BALE SHALL BE PLACED SO THE BINDINGS ARE HORIZONTAL.

3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN

THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH

4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE PROMPTLY AS NEEDED 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DETAIL

PROPERTIES

PUNCTURE

MULLEN BURST

TRAPEZOID TEAR

UV RESISTANCE

GRAB TENSILE STRENGTH

APPARENT OPENING SIZE

GRAB TENSILE ELONGATION

I.A. KUCICH PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 41530

TEST METHOD UNITS 20 % . CONNECTICUT LICENSE No. 26177 .RHODE ISLAND LICENSE No. 9616 120 LBS MAINE LICENSE No. 12553 800 PSI 120 LBS 40 US SIEVE

N.T.S.

40 GAL/MIN/SQ F FLOW RATE ASTM D-4491 PERMITTIVITY 0.55 SEC -1 ASTM D-4491 MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE PROPERTIES GRAB TENSILE STRENGTH ASTM D-4632 GRAB TENSILE ELONGATION ASTM D-4632 ASTM D-4833 PUNCTURE 420 PSI ASTM D-3786 MULLEN BURST 45 LBS TRAPEZOID TEAF ASTM D-4533 UV RESISTANCE ASTM D-4355 90 % APPARENT OPENING SIZE 20 US SIEVE ASTM D-4751 FLOW RATE ASTM D-4491 200 GAL/MIN/SQ FT PERMITTIVITY ASTM D-4491 1.5 SEC -1

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE

ASTM D-4632

ASTM D-4632

ASTM D-4833

ASTM D-3786

ASTM D-4533

ASTM D-4355

ASTM D-4751

1. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER 2. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE

FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE. 3. PLACE AN OIL ADSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN. 4 INSPECT PER REGULATORY REQUIREMENTS 5. THE WIDTH, "W", OF THE FILTER SACK SHALL

MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES. 7. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED

DO NOT USE IN PAVED AREAS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

FILTER SACKS (GRATED INLETS)

UNDER SURROUNDING SURFACE.

SECTION VIEW
PROFILE VIEW OF INSTALLED

TO BE USED IN EXISTING RIGHT OF WAY

1:3 MAXIMUM SLOPE -CONSTRUCT SILT FENCE AND STRAW BALES AROUND PERIMETER OF STOCKPILE —

CIVIL & CONSULTING ENGINEERS

SURVEYORS

PROJECT MANAGERS

ENVIRONMENTAL CONSULTANTS

LANDSCAPE ARCHITECTS

www.BohlerEngineering.com OFFICES: • WARREN, NJ UPSTATE NEW YORK BOSTON, MA NEW YORK METRO PHILADELPHIA/SOUTHERN N. LEHIGH VALLEY, PA

SOUTHEASTERN, PA

E INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR LISED FOR ANY PURPOSE WITHOUT PRIOR WRITTE

 SOUTHERN MARYLAND NORTHERN VIRGINIA WASHINGTON, DC CENTRAL VIRGINIA CHARLOTTE, NC RALEIGH, NC

**352 TURNPIKE ROAD** 

**SOUTHBOROUGH, MA 01772** 

Phone: (508) 480-9900

(508) 480-9080

CONSTRUCTION CHECK DATE CONSTRUCTION CHECK DATE PROJECT No.: W142005 CAD I.D. #:

W142005ss1.dwg

STREET ADDRESS 1080 KINGS HIGHWAY CITY COUNTY BRISTOL COUNTY

STATE DATE BY STATUS **NEW BEDFORD** MASSACHUSETTS DRAWN BY: 8/12/15 | EGI PLAN CHECKED AS-BUILT SITE ID# PLAN DESCRIPTION SHEET NO. SOIL EROSION 020-0128 CONTROL NOTES

& DETAILS

Know what's below. Call before you dig.

SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF. -CONSTRUCTION OF BUILDINGS AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY DORMANT SEEDING OR MULCH AND ANCHORING ON ALL BARE EARTH

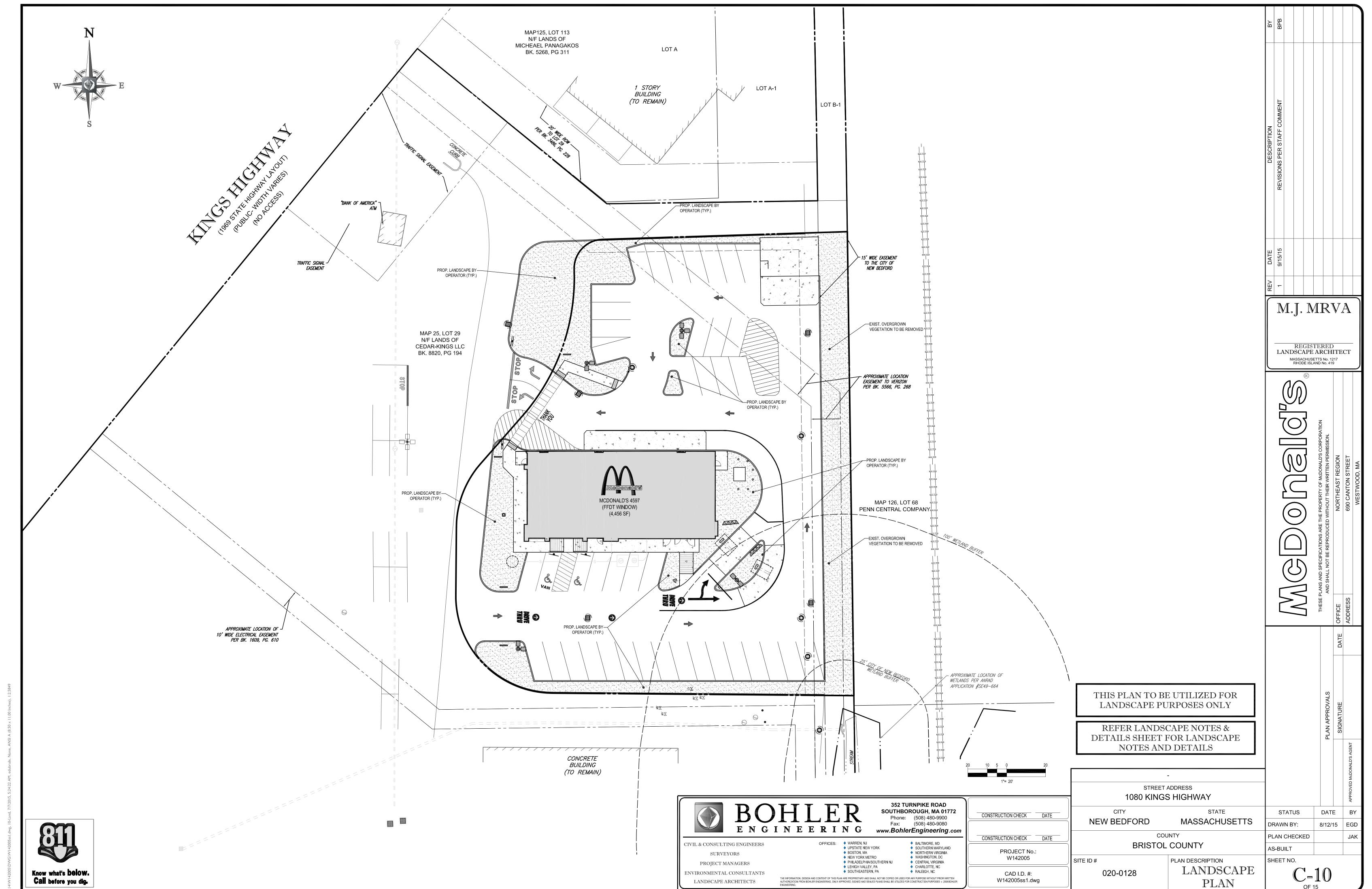
2. UNROLL SILTATION FENCE AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM FLOW DIRECTION). DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS LAYING ACROSS THE TRENCH BOTTOM. 4. LAY THE TOE-IN FLAP OF THE FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING FABRIC FLAP ON UNDISTURBED GROUND AND PILING & TAMP- ING FILL AT THE BASE. WOOD OR PLASTIC SLAT STAPLED THROUGH FABRIC TO DETAIL OF POST ATTACHMENT (PRE-ASSEMBLED PRIOR TO INSTALLATION) — SILT FENCE (3' WIDE) FABRIC - FILTER FABRIC

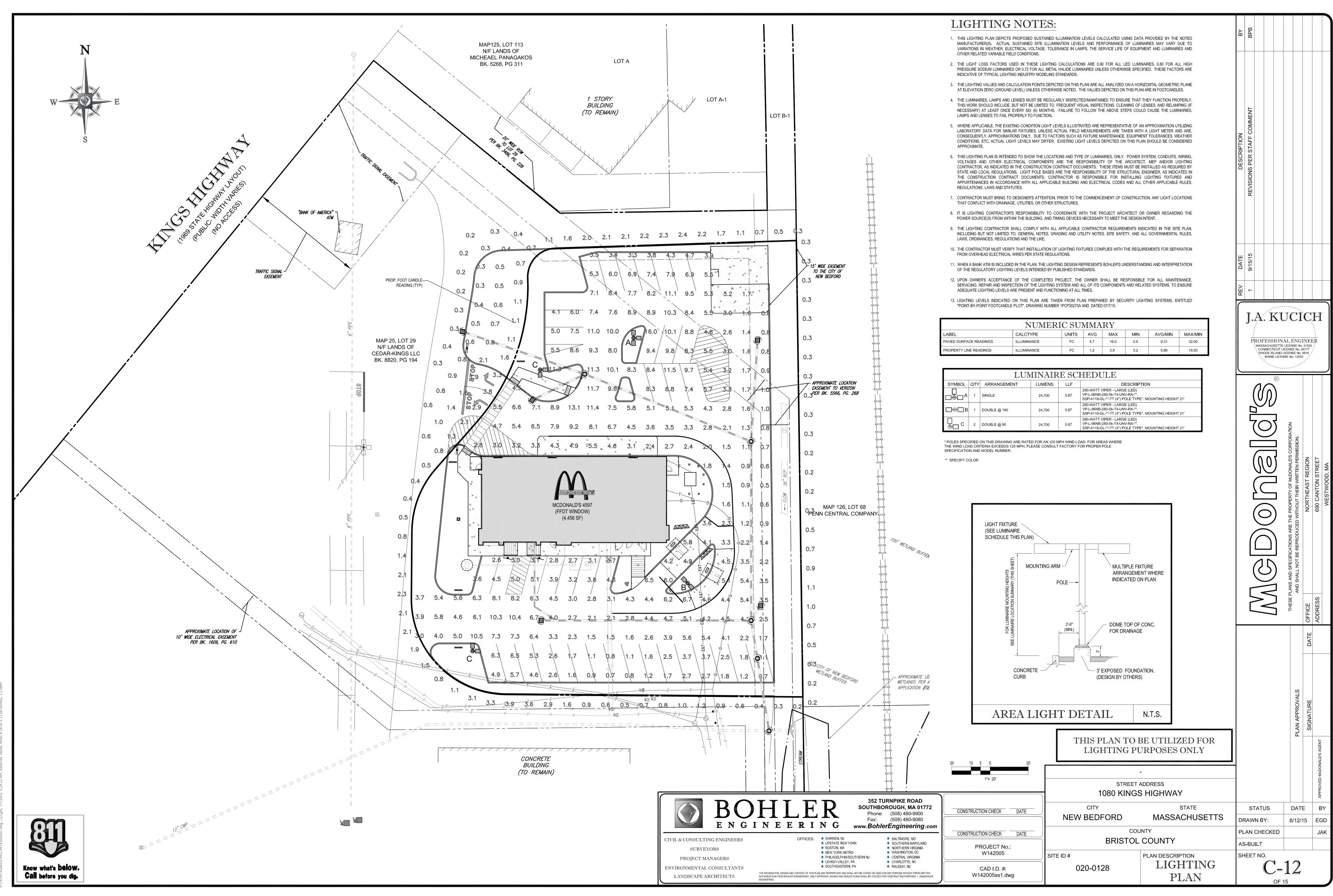
PERSPECTIVE OF FENCE

N.T.S.

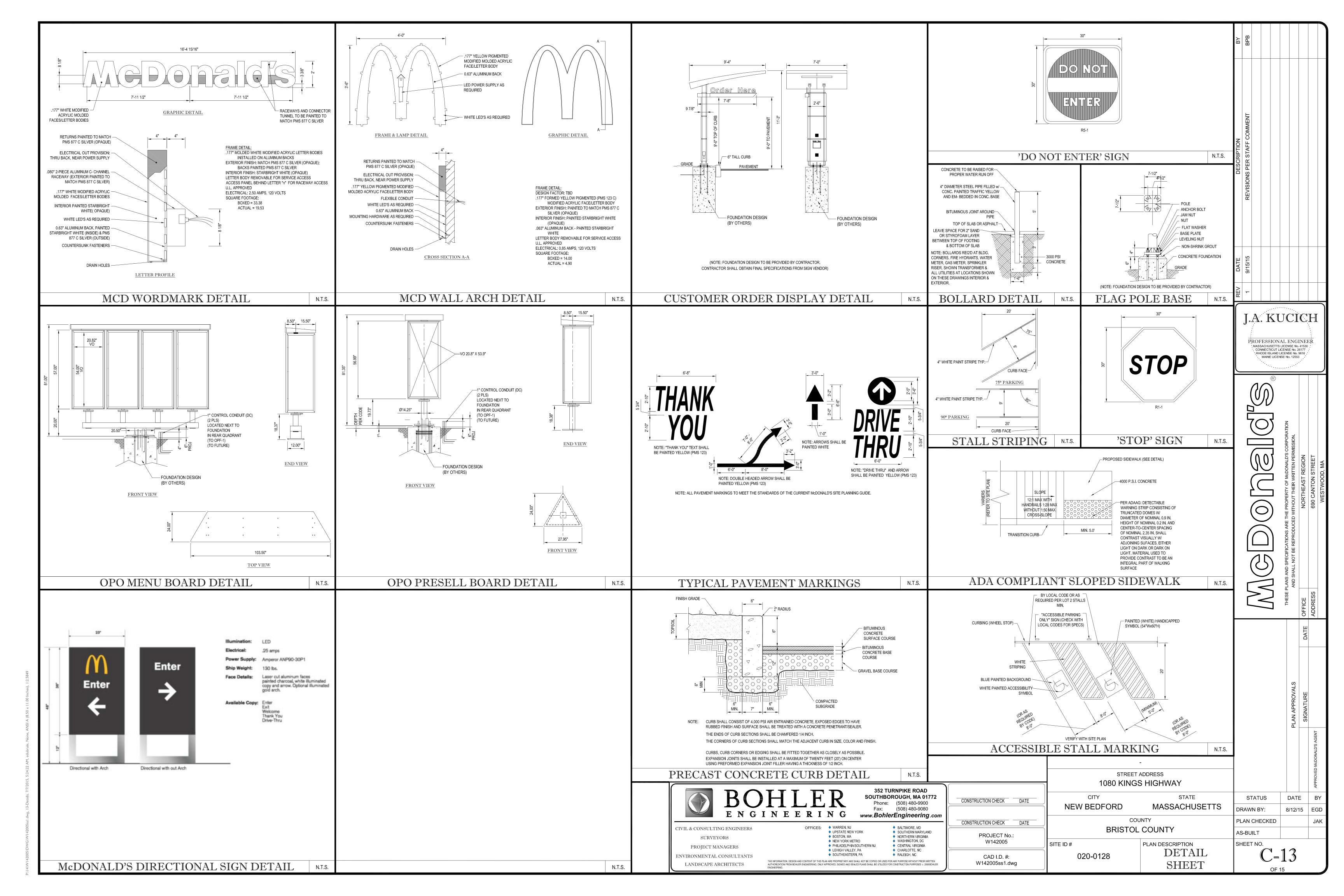
TYP. SILTATION FENCE DETAIL

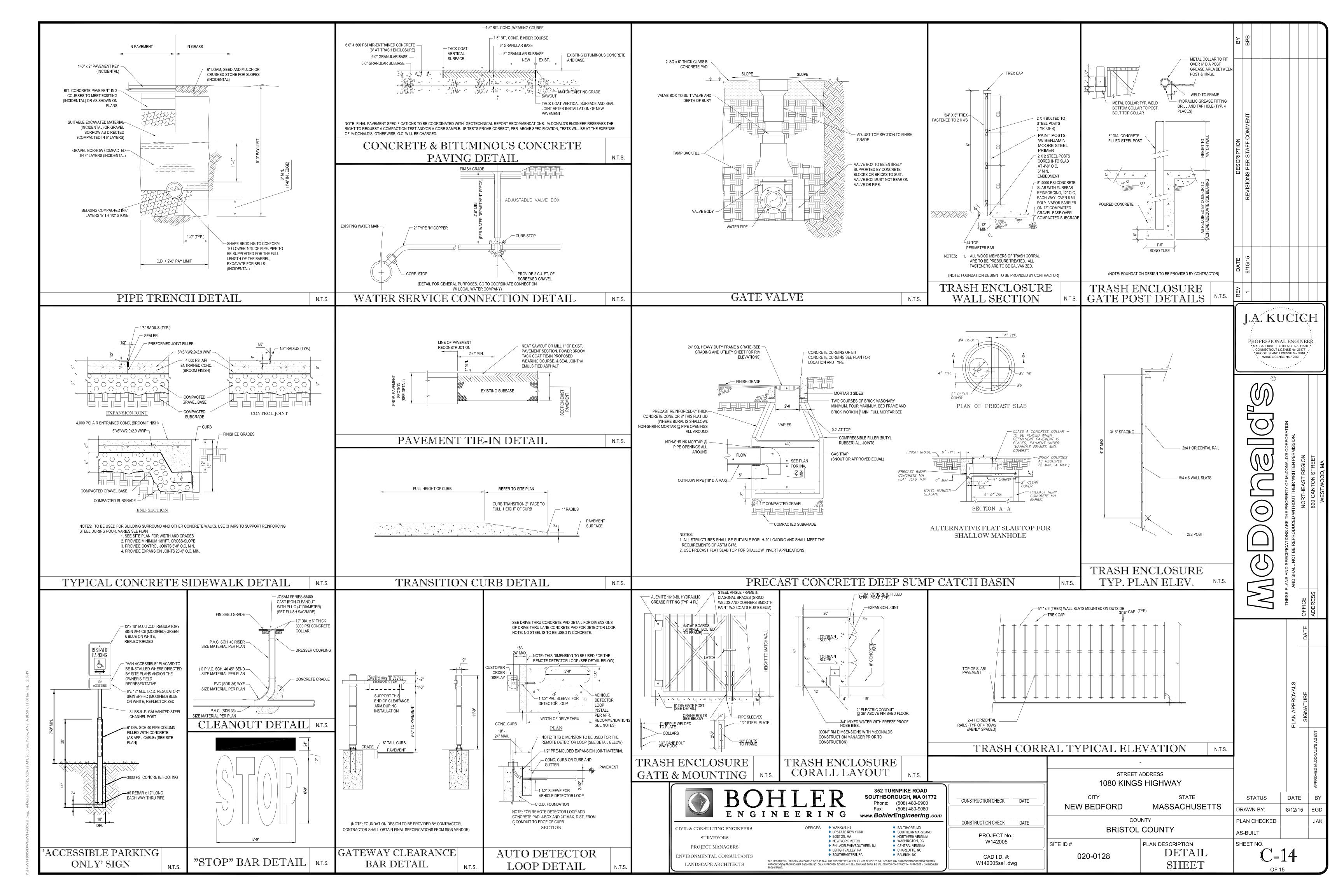
TEMPORARY STOCKPILE DETAIL

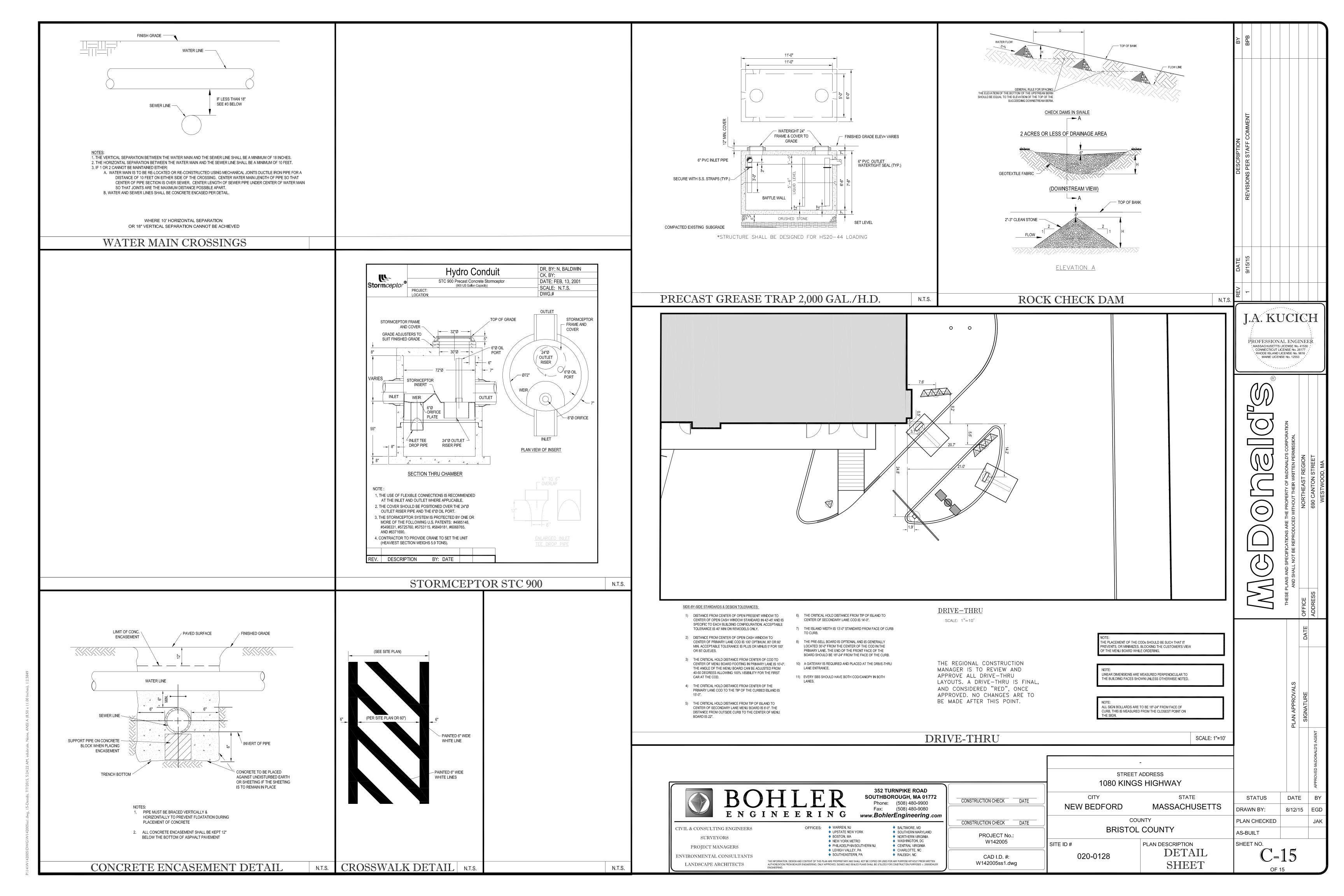


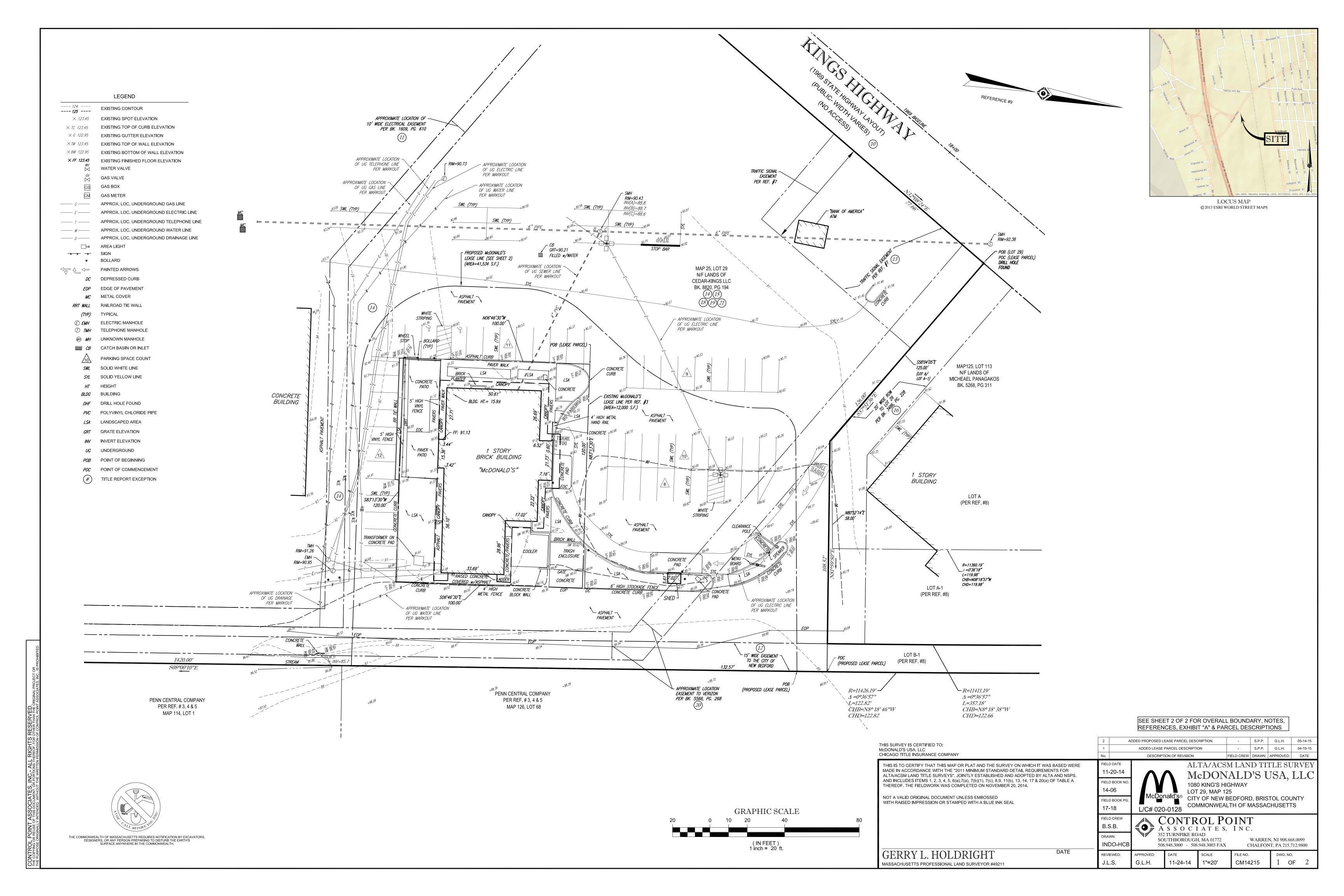


P:\|4\W|42005\DWG\W|42005ss|.dwg, |2-Lght, 7/7/2015, 5:24:22 AM, edubrule, None, ANSI A (8.50 ×









#### SHOPPING CENTER PARCEL:

CERTAIN PARCELS OF UNREGISTERED LAND SITUATED IN THE CITY OF NEW BEDFORD, COUNTY OF BRISTOL AND COMMONWEALTH OF MASSACHUSETTS, DESCRIBED AS FOLLOWS:

THAT CERTAIN TRACT OR PARCEL OF LAND WITH ALL BUILDINGS AND IMPROVEMENTS SHOWN AS LOT B ON A PLAN DATED NOVEMBER 22, 1971 RECORDED WITH BRISTOL SOUTH REGISTRY OF DEEDS IN PLAN BOOK 86, PLAN NO. 69, THEREON SITUATED ON THE EASTERLY SIDE OF KING'S HIGHWAY (STATE ROUTE 140) IN THE CITY OF NEW BEDFORD, BRISTOL COUNTY, MASSACHUSETTS, IS HEREIN BOUNDED AND DESCRIBED:

BEGINNING AT THE MOST NORTHWESTERLY CORNER OF THE HEREIN DESCRIBED PARCEL SAID CORNER BEING LOCATED S32 °08'24"W TWO HUNDRED THIRTY FOUR AND 00/100 (234.00') FROM THE INTERSECTION OF THE EASTERLY HIGHWAY LINE OF KING'S HIGHWAY WITH THE WESTERLY LINE OF LAND NOW OR FORMERLY OF THE PENN CENTRAL RAILROAD;

THENCE PROCEEDING S58°04'05"E A DISTANCE OF ONE HUNDRED TWENTY FIVE AND 00/100 (58.00') FEET TO A

THENCE PROCEEDING N80°52'14"E A DISTANCE OF FIFTY-EIGHT AND 00/100 (58.00') FEET TO A POINT;

THENCE PROCEEDING ALONG THE CHORD OF AN ARC N08°18'57"W A DISTANCE OF ONE HUNDRED NINETEEN AND 98/100 (119.98') FEET TO A POINT, SAID ARC HAVING A RADIUS ELEVEN THOUSAND, THREE HUNDRED SIXTY AND 19/100 (11,360.19') FEET AND AN ARC LENGTH OF ONE HUNDRED NINETEEN AND 98/100 (119.98'), THE LAST THREE COURSES BOUNDED NORTHERLY, AND WESTERLY BY LAND NOW OR FORMERLY OF THE SHELL OIL COMPANY;

THENCE PROCEEDING N81°22'53"E A DISTANCE OF SIXTY-SIX AND 00/100 (66.00') FEET TO A POINT;

THENCE PROCEEDING ALONG THE CHORD OF AN ARC \$08°18'46"E A DISTANCE OF ONE HUNDRED TWENTY TWO AND 82/100 (122.82') FEET TO A POINT, SAID ARC HAVING A RADIUS OF ELEVEN THOUSAND FOUR HUNDRED TWENTY SIX AND 19/100 (11,426.19') FEET AND AN ARCH LENGTH OF ONE HUNDRED TWENTY-TWO AND 82/100 (122.82');

THENCE PROCEEDING S08°00'10"E A DISTANCE OF ONE THOUSAND FOUR HUNDRED TWENTY AND 00/100(1.420.00') FEET TO A POINT, THE LAST THREE COURSES BOUNDED NORTHERLY AND EASTERLY BY LAND NOW OR FORMERLY OF THE PENN CENTRAL RAILROAD;

THENCE PROCEEDING S81°59'50"W A DISTANCE OF FOUR HUNDRED TWELVE AND 00/100 (412.00') FEET TO A POINT;

THENCE PROCEEDING N08°00'10"W A DISTANCE OF FOUR HUNDRED ELEVEN AND 29/100 (411.29') FEET TO A POINT;

THENCE PROCEEDING N10°08'29"W A DISTANCE OF THREE HUNDRED SIXTY AND 00/100 (360.00') FEET TO A POINT;

THENCE PROCEEDING N58°32'07"W A DISTANCE OF THIRTY SEVEN AND 59/100 (37.59') FEET TO A POINT;

THENCE PROCEEDING N57°56'23"W A DISTANCE OF TWO HUNDRED SEVENTY-SIX AND 00/100 (276.00') TO A POINT ON THE EASTERLY SIDE OF KING'S HIGHWAY SO CALLED, THE LAST FIVE COURSES BOUNDED SOUTHERLY, WESTERLY, SOUTHERLY, WESTERLY, AND SOUTHERLY BY LAND NOW OR FORMERLY OF FIRST BRISTOL CORPORATION, TRUSTEE OF FIELDSTONE REALTY TRUST:

THENCE PROCEEDING N32°08'24"E ALONG THE EASTERLY HIGHWAY LINE OF KING'S HIGHWAY SO-CALLED A DISTANCE OF THIRTY SEVEN AND 72/100 (37.72') FEET TO A MASSACHUSETTS HIGHWAY BOUND FOUND;

THENCE CONTINUING N32°08'24"E ALONG THE SAID HIGHWAY LINE A DISTANCE OF FIVE HUNDRED SEVENTY SIX AND 18/100 (576.18') FEET TO A MASSACHUSETTS HIGHWAY BOUND FOUND, THIRTY THREE AND 00/100 (33.00') FEET RIGHT OF STATION +75.009;

THENCE CONTINUING N32°08'24"E ALONG SAID HIGHWAY LINE A DISTANCE OF SEVENTY SEVEN AND 66/100 (77.66') FEET TO THE POINT AND PLACE OF BEGINNING.

SAID PARCEL CONTAINS 15.348 ACRES MORE OR LESS.

#### SQUARE FOOTAGE IS NOT INSURED.

TOGETHER WITH AND THE BENEFIT OF GRANT OF DRIVEWAY AND ACCESS EASEMENT AND OF RESTRICTION BETWEEN SHELL OIL COMPANY AND KING'S PLAZA ASSOCIATES LIMITED PARTNERSHIP DATED JUNE 6, 1995 AND RECORDED IN BOOK 3486, PAGE 228.

SURVEYOR'S METES AND BOUNDS DESCRIPTION PROPOSED McDONALD'S LEASE AREA A PORTION OF MAP 125, LOT 29 CITY OF NEW BEDFORD, BRISTOL COUNTY COMMONWEALTH OF MASSACHUSETTS

COMMENCING AT THE SOUTHEASTERLY MOST CORNER OF MAP 125, LOT 113 (N/F LANDS OF MICHAKL W. PANAGAKOS), ALSO BEING THE NORTHEASTERLY MOST CORNER OF MAP 125, LOT 29 (N/F LANDS OF CEDAR-KINGS, LLC), BOTH CORNERS BEING ON THE WESTERLY LINE OF MAP 126, LOT 68 (N/F LANDS OF PENN CENTRAL COMPANY), RUNNING THENCE, SOUTH 8 DEGREES - 00 MINUTES - 10 SECONDS EAST, A DISTANCE OF 16.09 FEET TO THE NORTHEASTERLY MOST CORNER OF THE PROPOSED LEASE AREA DESCRIBED HEREIN, THENCE RUNNING ALONG THE DIVIDING LINE WITH SAID LOT 68:

- 1. SOUTH 8 DEGREES 00 MINUTES 10 SECONDS EAST, A DISTANCE OF 238.77 FEET, RUNNING THENCE, THROUGH SAID LOT 29 THE
- 2. SOUTH 83 DEGREES 17 MINUTES 26 SECONDS WEST, A DISTANCE OF 155.27 FEET TO A POINT OF CURVATURE, THENCE;
- 3. ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 50.00 FEET, A CENTRAL ANGLE OF 90 DEGREES 53 MINUTES 27 SECONDS, AN ARC LENGTH OF 79.32 FEET, ALSO BEARING A CHORD OF NORTH 51 DEGREES - 15 MINUTES - 48 SECONDS WEST WITH A CHORD DISTANCE OF 71.26 FEET TO A POINT OF TANGENCY. THENCE:
- 4. NORTH 6 DEGREES 43 MINUTES 08 SECONDS WEST, A DISTANCE OF 34.22 FEET TO A POINT OF CURVATURE, THENCE;
- 5. ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 50,00 FEET, A CENTRAL ANGLE OF 40 DEGREES 20 MINUTES 16 SECONDS, AN ARC LENGTH OF 35.20 FEET, ALSO BEARING A CHORD OF NORTH 13 DEGREES - 27 MINUTES - 36 SECONDS EAST WITH A CHORD DISTANCE OF 34.48 FEET TO A POINT OF TANGENCY, THENCE:
- 6. NORTH 34 DEGREES 01 MINUTES 16 SECONDS EAST, A DISTANCE OF 33.79 FEET TO A POINT OF CURVATURE, RUNNING THENCE;
- 7. ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 107.97 FEET, A CENTRAL ANGLE OF 42 DEGREES 56 MINUTES 41 SECONDS, AN ARC LENGTH OF 80.93 FEET, ALSO BEARING A CHORD OF NORTH 12 DEGREES - 09 MINUTES - 24 SECONDS EAST WITH A CHORD DISTANCE OF 79.05 FEET TO A POINT OF REVERSE CURVATURE, THENCE;
- 8. ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 15.00 FEET, A CENTRAL ANGLE OF 91 DEGREES 07 MINUTES 59 SECONDS, AN ARC LENGTH OF 23.85 FEET, ALSO BEARING A CHORD OF NORTH 35 DEGREES - 26 MINUTES - 27 SECONDS EAST WITH A CHORD DISTANCE OF 21.42 FEET TO A POINT OF TANGENCY, THENCE,

CONTAINING 41,534 SQUARE FEET OR 0.953 ACRES

9. NORTH 80 DEGREES - 59 MINUTES - 22 SECONDS EAST, A DISTANCE OF 126.11 FEET TO THE POINT AND PLACE OF BEGINNING.

MAP 123, LOT 43

CEDAR-FIELDSTONE, LLC

BK. 7942, PG 192

N10°08'29"W

N/F LANDS OF

SURVEYOR'S METES AND BOUNDS DESCRIPTION EXISTING McDONALD'S LEASE AREA A PORTION OF MAP 125, LOT 29 CITY OF NEW BEDFORD, BRISTOL COUNTY COMMONWEALTH OF MASSACHUSETTS

COMMENCING AT A DRILL HOLE FOUND ON THE NORTHEASTERLY LINE OF KINGS HIGHWAY (1969 STATE HIGHWAY LAYOUT, PUBLIC - WIDTH VARIES) AT A POINT 33.00 FEET RIGHT OF STATION 18+52.67, SAID POINT ALSO BEING THE NORTHERLY MOST CORNER OF MAP 125, LOT 29 (N/F LANDS OF CEDAR-KINGS, LLC) AND FROM SAID POINT OF COMMENCEMENT RUNNING THROUGH SAID LOT 29 SOUTH 23 DEGREES - 05 MINUTES - 20 SECONDS EAST, A DISTANCE OF 217.81 FEET TO THE NORTHWESTERLY MOST CORNER OF THE LEASE AREA DESCRIBED HEREIN, THENCE RUNNING THROUGH SAID LOT 29 THE FOLLOWING FOUR (4) COURSES;

- 1. NORTH 83 DEGREES 13 MINUTES 30 SECONDS EAST, A DISTANCE OF 120.00 FEET TO A POINT, THENCE;
- 2. SOUTH 6 DEGREES 46 MINUTES 30 SECONDS EAST, A DISTANCE OF 100.00 FEET TO A POINT, THENCE;
- 3. SOUTH 83 DEGREES 13 MINUTES 30 SECONDS WEST, A DISTANCE OF 120.00 FEET TO A POINT, THENCE;
- 4. NORTH 6 DEGREES 46 MINUTES 30 SECONDS WEST, A DISTANCE OF 100.00 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 12,000 SQUARE FEET OR 0.275 ACRES

- 1. PROPERTY KNOWN AS LOT 29 ON THE CITY OF NEW BEDFORD, BRISTOL COUNTY, COMMONWEALTH OF MASSACHUSETTS TAX MAP # 125.
- 2. McDONALD'S LEASE AREA = 12,000 SQUARE FEET OR 0.275 ACRES. LOTS 29 & 109 = 662,172 SQUARE FEET OR 15.201 ACRES.
- 3. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY, AVAILABLE AS-BUILT PLANS AND UTILITY MARKOUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES. CONTROL POINT ASSOCIATES, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR
- 4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
- 5. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, COMMITMENT NO. 14-49342, WITH AN EFFECTIVE DATE OF 10/17/14. WHERE THE FOLLOWING SURVEY RELATED EXCEPTIONS APPEAR IN SCHEDULE B, SECTION II:

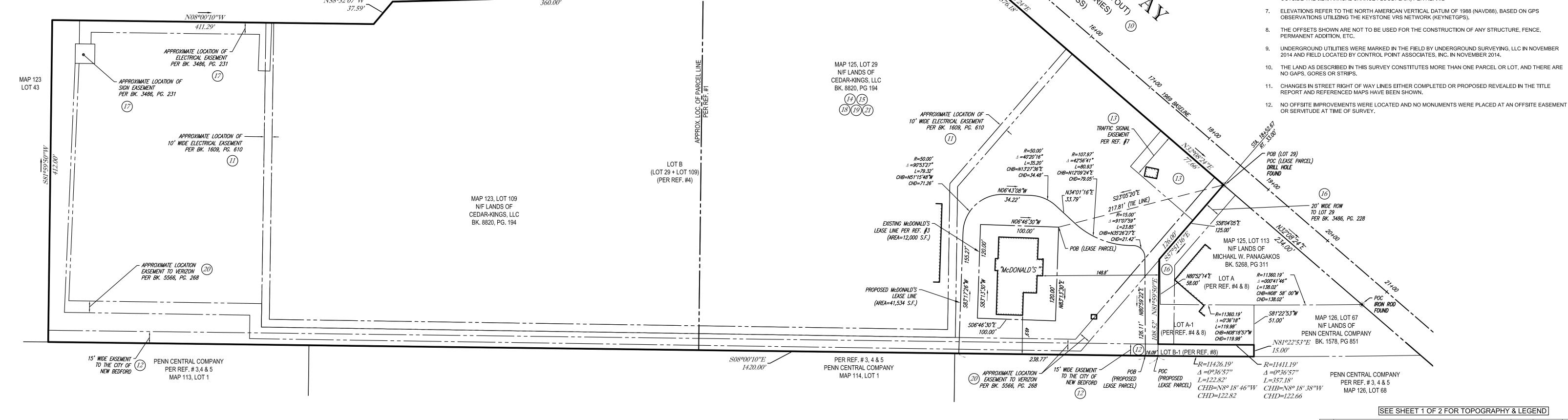
GENERAL EXCEPTIONS 1-9 HAVE NOT BEEN COMMENTED ON AS PART OF THIS SURVEY.

- AFFECTS PROPERTY; TRAFFIC SIGNAL EASEMENT SHOWN ON PLAN.

- NON-ACCESS PROVISIONS OF LAYOUT NO. 5815 AND ORDER OF TAKING DATED AUGUST 14, 1969 AND RECORDED IN BOOK 1588, PAGE 834, - AFFECTS PROPERTY: KING'S HIGHWAY SHOWN ON PLAN.
- EASEMENT TO NEW BEDFORD GAS AND EDISON LIGHT COMPANY DATED OCTOBER 28, 1970 AND RECORDED IN BOOK 1609, PAGE 610. - AFFECTS PROPERTY; APPROXIMATE LOCATION OF GAS AND
- ELECTRICAL EASEMENT SHOWN ON PLAN. TAKING BY THE CITY OF NEW BEDFORD FOR SEWER AND SURFACE DRAINS AND WATER SERVICES DATED DECEMBER 29, 1980 AND RECORDED IN BOOK 1816, PAGE 90. - AFFECTS PROPERTY; 15' WIDE
- EASEMENT SHOWN ON PLAN. CONDITIONAL GRANT OF EASEMENT DATED FEBRUARY 9, 1982 AND RECORDED IN BOOK 1842, PAGE 51.
- EASEMENT FOR SURFACE RIGHT OF WAYS DATED AUGUST 18, 1983 AND RECORDED IN BOOK 1870,
- PAGE 867. AFFECTS PROPERTY; UNABLE TO PLOT, EASEMENT DEFINED BY TRAVELED WAY. EASEMENT TO COMMONWEALTH ELECTRIC COMPANY DATED AUGUST 12, 1988 AND RECORDED IN BOOK
- 2191, PAGE 26. AFFECTS PROPERTY; BLANKET IN NATURE. GRANT OF DRIVEWAY AND ACCESS EASEMENT AND RESTRICTION DATED JUNE 6, 1995 AND RECORDED
- IN BOOK 3486, PAGE 228. AFFECTS PROPERTY; 20' WIDE RIGHT OF WAY SHOWN ON PLAN.
- EASEMENT AGREEMENT DATED JUNE 6, 1995 AND RECORDED IN BOOK 3486, PAGE 231. AFFECTS PROPERTY; ELECTRICAL & SIGN EASEMENT SHOWN ON PLAN.
- EASEMENT TO COMMONWEALTH ELECTRIC COMPANY DATED NOVEMBER 3, 1997 AND RECORDED IN BOOK 3982, PAGE 68. - AFFECTS PROPERTY; ELECTRIC EASEMENT LOCATED ON SOUTHERLY SIDE OF PROPERTY, UNABLE TO PLOT EXACT LOCATION.
- EASEMENT TO COMMONWEALTH ELECTRIC COMPANY DATED JUNE 11, 2002 AND RECORDED IN BOOK 5561, PAGE 208. - AFFECTS PROPERTY; LOCATION OF CELL TOWER UNKNOWN, UNABLE TO PLOT EXACT
- EASEMENT TO VERIZON NEW ENGLAND INC. DATED JUNE 11, 2002 AND RECORDED IN BOOK 5566, PAGE 268. - AFFECTS PROPERTY; APPROXIMATE LOCATION OF EASEMENT TO VERIZON SHOWN ON PLAN.
- LEASE TO NEW YORK, NEW HAVEN AND HARTFORD RAILROAD CO. REFERRED TO IN DEED RECORDED IN BOOK 874, PAGE 164 TO THE EXTENT THE SAME IS NOW IN FORCE. - AFFECTS PROPERTY; EXTENT OF LEASE UNKNOWN, DOCUMENT REFERS TO JULY 15, 1925 LEASE.

ITEMS 22 THRU 29 ARE NOT SURVEY RELATED AND HAVE NOT BEEN COMMENTED ON AS PART OF THIS

- 6. BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER REF. #2
- UNDERGROUND UTILITIES WERE MARKED IN THE FIELD BY UNDERGROUND SURVEYING, LLC IN NOVEMBER



N32°08'24"E

w/ESCUTCHEON PIN

IN LEAD PLUG FOUND

GRAPHIC SCALE (IN FEET) 1 inch = 60' ft.

THIS SURVEY IS CERTIFIED TO: McDONALD'S USA, LLC CHICAGO TITLE INSURANCE COMPANY THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT WAS BASED WERE MADE IN ACCORDANCE WITH THE "2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(a),7(a), 7(b)(1), 7(c), 8,9, 11(b), 13, 14, 17 & 20(a) OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON NOVEMBER 20, 2014. NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED

11-20-14 FIELD BOOK NO 14-06 FIELD BOOK PG WITH RAISED IMPRESSION OR STAMPED WITH A BLUE INK SEAL 17-18

L/C# 020-0128 FIELD CREW

B.S.B.

DESCRIPTION OF REVISION FIELD CREW | DRAWN: | APPROVED: | DATE ALTA/ACSM LAND TITLE SURVEY 1080 KING'S HIGHWAY LOTS 29 & 109, MAP 125 CITY OF NEW BEDFORD, BRISTOL COUNTY COMMONWEALTH OF MASSACHUSETTS

CONTROL POINT ASSOCIATES, INC 352 TURNPIKE ROAD

ADDED PROPOSED LEASE PARCEL DESCRIPTION

ADDED LEASE PARCEL DESCRIPTION

SOUTHBOROUGH, MA 01772 508.948.3000 - 508.948.3003 FAX

DWG. NO.

GERRY L. HOLDRIGH

MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #4921

INDO-HC DATE REVIEWED

11-24-14 1"=60'

WARREN, NJ 908.668.0099 CHALFONT, PA 215,712,9800 CM14215 OF 2

S.P.P. G.L.H. 05-14-15

S.P.P. G.L.H. 04-15-15