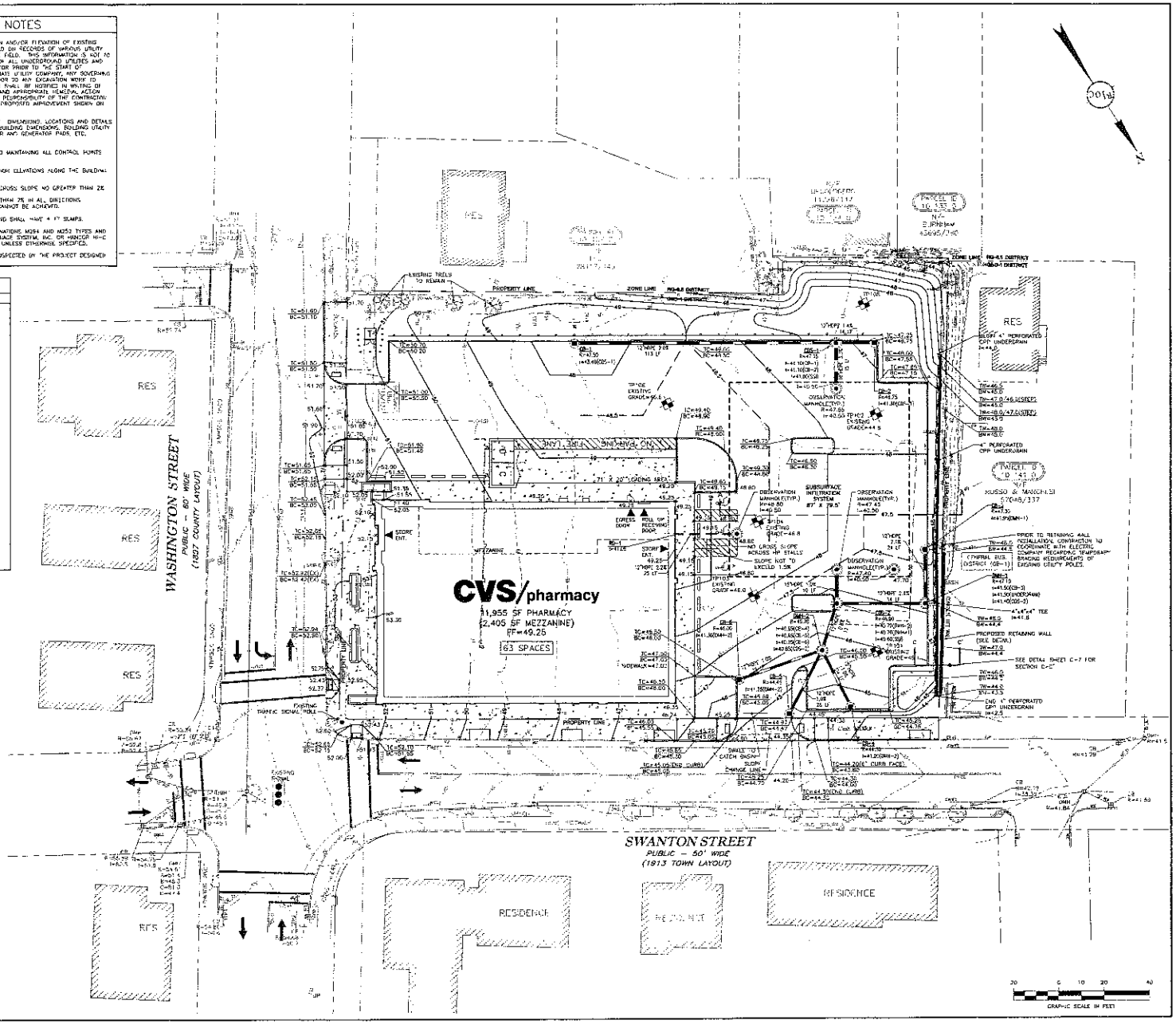
GRADING & DRAINAGE NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES, AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENT SHOWN ON THE PLAN.
2. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT DIMENSIONS, LOCATIONS AND DETAILS OF EXIT PORCHES, STAIRS, VESTIBULES, RAMPS, LOADING AREA, BUILDING EXTENSIONS, BUILDING UTILITY SERVICE LOCATIONS, DUMPSTER AREAS, BOLLARDS, TRANSFORMER AND GENERATOR PADS, ETC. (TYP. ALL BUILDINGS)
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND ELEVATION BENCH MARKS NECESSARY FOR THE WORK.
4. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THERE ARE EXTENSIVE ELEVATIONS ALONG THE BUILDING THAT VARY.
5. ALL NEW SIDEWALKS WITHIN THE RIGHT-OF-WAY SHALL HAVE A CROSS SLOPE NO GREATER THAN 2%.
6. HANDICAP ACCESSIBLE PARKING ACCESS SHALL BE NO GREATER THAN 2% IN ALL DIRECTIONS. CONTRACTOR SHALL VERIFY ENGINEER IF THE REQUIRED SLOPE CANNOT BE ACHIEVED.
7. ALL CATCH BASINS SHALL BE EQUIPPED WITH GAS/OIL HOODS AND SHALL HAVE 4 FT SUMPS.
8. HIGH DENSITY POLYETHYLENE PIPE SHALL BE PER AASHTO DESIGNATIONS M294 AND M252 TYPES AND SHALL BE ADS N-12 PIPE AS MANUFACTURED BY ADVANCE DRAINAGE SYSTEM, INC. OR HANCOR HI-HC PIPE AS MANUFACTURED BY HANCOR, INC. OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED.
9. PRIOR TO BACKFILLING, ALL DRAINAGE INSTALLATIONS MUST BE INSPECTED BY THE PROJECT DESIGNER.

PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		GATE VALVE
	510	CONTOUR
	x100.4	SPOT GRADES
		DRAIN MANHOLE
		CATCH BASIN
		DRAIN LINE
		PERFORATED PIPE
		REINFORCED CONCRETE PIPE
		CORRUGATED METAL PIPE
	HDPE	HIGH DENSITY POLYETHYLENE
		HANDICAP PARKING
		EDGE OF PAVEMENT
		CONCRETE PAVEMENT
		INGRESS/EGRESS
	T	TRANSFORMER PAD LOCATION
		PROPERTY LINE
	HIGH POINT	HP
		TEST PIT (PERFORMED BY RANSOM CONSULTING ON JULY 2012 AND JANUARY 2013)



CVS pharmacy

11,955 SF PHARMACY
WITH NO DRIVE THRU

STORE NUMBER: 10129
WASHINGTON STREET AND
SWANTON STREET
WINCHESTER, MA
PROJECT TYPE: NEW CONSTRUCTION
DEAL TYPE: GROUND LEASE

CS PROJECT # 65348

CIVIL ENGINEER:
RJO'CONNELL & ASSOCIATES, INC.
CIVIL ENGINEERS, SURVEYORS & LAND PLANNERS
60 MONTVALE AVE
STONEHAM, MA 02180
PHONE: 781-279-0180
FAX: 781-279-0173

DEVELOPER:
GBC
GERSHMAN BROWN CROWLEY INC.
GERSHMAN BROWN CROWLEY, INC.
14 BREAKNECK HILL RD, SUITE 101
LINCOLN, RI 02865
TEL (401) 721-1605
PROJECT CONTACT: PAUL BECK

SEAL:

REVISIONS:

REVISED PER TOWN COMMENTS	1/24/2013
SUBMIT TO ZBL FOR SITE PLAN APPROVAL	2/15/2013
REVISED PER TOWN COMMENTS	5/28/2013
REVISED PER TOWN COMMENT LETTER	5/29/2013
REVISED PIPE SIZE FOR CBS-2 TO SD	6/05/2013

PROJECT MANAGER:	JSK
DRAWING BY:	KPM
REVIEWED BY:	JSK/MJW
DATE:	10/05/2012
JOB NUMBER:	11071

TITLE:
GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C-3

COMMENTS:
NOT FOR CONSTRUCTION