GENERAL NOTES

1. THE CONTRACTOR IS TO CONTACT 'DIG SAFE' AT 1-888-344-7233, SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION PERFORMED ON SITE.
2. EXISTING CONDITIONS BASE & PLANS OBTAINED FROM AN ON THE GROUND SURVEY PERFORMED BY HOYT LAND SURVEYING, 1287 WASHINGTON STREET WEYMOUTH, MASSACHUSETTS TEL: 781-682-9192, ON OR BETWEEN SEPTEMBER 21, 2010 TO OCTOBER 5, 2010.
3. COORDINATES, IN U.S. SURVEY FEET, ARE REFERENCED TO AN ASSUMED COORDINATE SYSTEM.
4. BASELINE AND BASELINE STATIONING ARE PROJECT SPECIFIC AND DO NOT REFERENCE STATE OR LOCAL BASELINE INFORMATION.
5. ELEVATIONS, IN U.S. SURVEY FEET, ARE REFERENCED TO THE CITY OF QUINCY BENCHMARK.
6. FLOOD PLAIN INFORMATION: WORK IS WITHIN ZONE X AND ZONE AE, A PORTION OF THE WORK AREA DOES LIE IN A SPECIAL FLOOD HAZARD AREA AS DESIGNATED ON THE FLOOD INSURANCE RATE MAP (FIRM) "CITY OF QUINCY, MASSACHUSETTS NORFOLK COUNTY MAP NUMBER 2552190057D ISSUED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), REVISED: MAY 16, 2006.
7. LOCATION AND DEPTH OF UNDERGROUND UTILITIES IS APPROXIMATE ONLY, AND IS NOT WARRANTED TO BE CORRECT. UNDERGROUND UTILITIES ARE SHOWN BASED ON RECORD DATA PROVIDED BY THE OPERATING AUTHORITIES, AND HAVE BEEN FIELD INSPECTED WHERE POSSIBLE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT INDICATED ON THESE PLANS. ALL EXISTING UTILITIES SHALL BE VERIFIED PRIOR TO EXCAVATION.
8. WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
9. PRIOR TO THE START OF ANY NEW UTILITY WORK, ALL ELEVATIONS OF EXISTING UTILITIES IN THOSE AREAS ARE TO BE VERIFIED. THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY SHOULD ANY DISCREPANCIES OCCUR.
10. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO PERFORM THE WORK AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
11. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE WATER DEPARTMENT, UTILITY COMPANIES AND EMERGENCY SERVICES.
12. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC CONTROL DEVISES AND PERSONNEL REQUIRED.
13. CONTRACTOR SHALL COORDINATE RETURN OF STACKED ITEMS WITH CITY OF QUINCY DPW.
14. RESTORE ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS TO ORIGINAL CONDITION UNLESS NOTED OTHERWISE (GRAVEL, PAVEMENT, GRASS, ETC.).
15. PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MONUMENTS. IF DISTURBED, THE PROPERTY MONUMENT WILL BE RESET, AT THE CONTRACTOR'S EXPENSE, BY A REGISTERED LAND SURVEYOR APPROVED BY THE ENGINEER.
16. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT EQUIPMENT FLUIDS FROM REACHING ANY WATER. ANY INADVERTENT FLUID DISCHARGES SHALL BE IMMEDIATELY CLEANED FROM THE WATERS USING WHATEVER MEANS NECESSARY, AS DETERMINED BY THE ENGINEER.
17. SUPPORT ALL PIPING AS DETAILED OR SPECIFIED INCLUDING SMALL DIAMETER PIPE, TUBING AND CONDUIT.
18. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED UNDER SPECIFICATIONS.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ALL EXCAVATIONS. THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN PRIOR TO BEGINNING ANY PROJECT WORK ON SITE REQUIRING DEWATERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH DEWATERING ALL EXCAVATIONS.CONTRACTOR SHALL LEGALLY DISPOSE OF ALL MATERIALS SUBJECT TO DEMOLITION WORK UNLESS OTHERWISE NOTED.
20. THE CONTRACTOR SHALL OBTAIN ALL LOCAL, UTILITY, ETC. PERMITS REQUIRED FOR THE COMPLETION OF WORK UNDER THIS CONTRACT AND NOT INCLUDED IN THE CONTRACT DOCUMENTS. ANY AND ALL FEES ASSOCIATED WITH THIS WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR.
21. EQUIPMENT REMOVAL INCLUDES REMOVAL OF ALL ASSOCIATED WIRING, CONDUIT, AND PIPING UNLESS OTHERWISE DIRECTED BY ENGINEER.
22. ALLOW OWNER THE OPTION OF SALVAGING ANY EQUIPMENT OR MATERIALS.
23. EXISTING FACILITIES SHALL BE PROTECTED AS REQUIRED DURING CONSTRUCTION. THE ASSOCIATED COSTS ARE INCIDENTAL TO THE PROJECT. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
24. CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK TO ALLOW SUFFICIENT TIME TO LOCATE AND MARK THE LOCATION OF ALL BURIED UTILITIES. REPAIR OF ANY DAMAGED UTILITY WILL BE INCIDENTAL.
25. LAYOUT INFORMATION GIVEN (STATION AND OFFSET) IS TO FACE OF CURB UNLESS OTHERWISE NOTED.
26. ALL DIMENSIONS AND ELEVATION ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS AND ELEVATIONS SHOWN ON DRAWINGS PRIOR TO THE START OF DEMOLITION WORK AND CONSTRUCTION OF NEW WORK.
27. ANY UTILITIES REQUIRING RELOCATION TO ALLOW PERFORMANCE OF THE WORK OF THIS CONTRACT SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER, WHETHER SHOWN ON DRAWINGS OR NOT.
28. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE PLANS AND SPECIFICATIONS.
29. CLEAN AND/OR FLUSH ALL PIPING AFTER THE WORK HAS BEEN COMPLETED. COST FOR CLEANING AND FLUSHING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. WATER MAIN SHALL BE DISINFECTED WITH CHLORINE SOLUTION AS SPECIFIED.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING SITE AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL DETERMINE THE MEANS AND METHODS TO DEWATER SITE BY EITHER INSTALLING TEMPORARY DEWATERING SUMPS OR WELL POINTS. DEWATERING THE SITE SHALL BE CONTINUOUS UNTIL THE LEVEL OF PLACED AND COMPACTED STRUCTURAL FILL HAS REACHED AT LEAST TWO FEET ABOVE OBSERVED GROUNDWATER LEVELS.
31. PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR SHALL INSTALL SEDIMENT TRAPS IN ALL DRAINAGE INLETS WITH IN THE LIMIT OF DISTURBANCE AND DOWN GRADIENT FROM LIMIT OF WORK.
32. LIMIT OF WORK SHALL BE THE BACK OF EXISTING SIDEWALK, UNLESS OTHERWISE NOTED ON THE PLANS.
33. ALL BITUMINOUS CONCRETE ADJACENT TO PROPOSED WORK SHALL BE SAW CUT.
34. CONCRETE SIDEWALKS SHALL BE SAWCUT AT LIMIT OF WORK. THIS LIMIT OF WORK SHALL EXTEND ONE SCORE LINE, CONTROL LINE OR EXPANSION JOINT BEYOND LIMIT SHOWN ON PLANS TO ALLOW SAWCUT TO BE MADE WITHIN SCORE LINE OR CONTROL LINE.
35. ALL NEW SIDEWALKS AND DRIVEWAY GRADES SHALL MATCH EXISTING GRADES AT BACK OF SIDEWALK LINE UNLESS SHOWN OTHERWISE ON THE PLANS.
36. CONTRACTOR SHALL DRESS ALL TRANSITIONS BETWEEN EXISTING SURFACE AND PROPOSED SURFACE WITH 4" THICK CONCRETE OR LOAM & SEED AS APPLICABLE.
37. ALL DRAIN MANHOLES AND CATCH BASINS NOTED AS "REM." ON THE PLAN SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL TYPE 2E.
38. ALL BACKFILLING OF TRENCHES IN PAVED AREAS (OUTSIDE OF FULL DEPTH CONSTRUCTION) SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL TYPE 2E.
39. ALL CASTINGS WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINISH GRADE.
40. ALL TREES 24" AND LESS WITHIN THE LIMIT OF WORK SHALL BE REMOVED AND DISPOSED OF. ALL TREE GRATES WITH LIMIT OF WORK SHALL BE REMOVED AND STACKED.

LEGEND

	EXISTING	PROPOSED
CONTOUR (1' OR 2' INTERVAL)	122	122
CONTOUR (INDEX)	120	120
SPOT ELEVATION	+120.50	+120.75
WATER MAIN	W	W
UNDER DRAIN PIPE	UD	UD
STORM DRAIN PIPE	SD	SD
FLOOR DRAIN PIPE	FD	FD
UNDERGROUND ELECTRIC	E	E
UNDERGROUND TELEPHONE	T	T
GAS LINE	G	G
OVERHEAD ELECTRIC	OE	OE
FENCE		
EDGE OF PAVEMENT		
TREE LINE		
STONEWALL		
UTILITY POLE W/GUY		
UTILITY POLE		
HYDRANT		
CATCH BASIN		
DRAIN MANHOLE		
SEWER MANHOLE		
SIGN		
GAS GATE		
WATER GATE		
TREE		
TEMPORARY BENCHMARK		
BORING	B-X	
UNKNOWN MANHOLE		
LIGHT POLE		

SHEET INDEX

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SU-101	EXISTING CONDITIONS PLAN
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ABBREVIATIONS

&	AND
ACR	ACCESSIBLE CURB RAMP
A.G.	ABOVE GROUND
B	BORING
BC	BOTTOM CURB
BIT.	BITUMINOUS
BK	BOOK
BM	BENCHMARK
BW	BOTTOM WALL
CK.	CHECKED
CONC	CONCRETE
CR	CURB RETURN
DES.	DESIGNED
DH	DRILL HOLE
D.I.	DUCTILE IRON
DIA.	DIAMETER
DR.	DRAWN
DYCL	DOUBLE YELLOW CENTER LINE
E	EAST
EL.	ELEVATION
ELEC.	ELECTRICAL
EMBED.	EMBEDMENT
EX.	EXISTING
FAPB	FIRE ALARM PULL BOX
FF	FINISH FLOOR
FIN.	FINISH
FL.	FLOOR
FT	FOOT/FEET
G	GAS
GALV.	GALVANIZED
GRND	GROUND
GTD	GRADE TO DRAIN
H	HEIGHT
HDPE	HIGH DENSITY POLYETHYLENE
HWY	HIGHWAY
IN	INCH
I	INVERT
INV.	INVERT
LA	LANDSCAPE AREA
LF	LINEAR FEET
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
MJ	MECHANICAL JOINT
MON	MONUMENT
MPH	MILES PER HOUR
NO.	NUMBER
NR	NO REFUSAL
N.T.S.	NOT TO SCALE
O.C.E.W.	ON CENTER EACH WAY
O.D.	OUTSIDE DIAMETER
OHE	OVERHEAD ELECTRIC LINE
±	PLUS OR MINUS
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECT
PLS	PROFESSIONAL LAND SURVEYOR
PSI	PER SQUARE INCH
PSIG	PER SQUARE INCH GAUGE PRESSURE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PRC	POINT OF REVERSE CURVATURE
R.O.W.	RIGHT-OF-WAY
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
REINF.	REINFORCED
REQ'D	REQUIRED
RET	RETAINING
RLS	REGISTERED LAND SURVEYOR
RT	ROUTE
RTE	ROUTE
RB	REBUILD
RD	REMOVE & DISPOSE
RR	REMOVE & RESET
RRGC	REMOVE RESET GRANITE CURB
S	SLOPE
SCB	SIGNAL CONTROL BOX
SD	DRAIN LINE
SS	SANITARY SEWER
SCH	SCHEDULE
SGE	SLOPE GRANITE EDGE
STA.	STATION
TYP.	TYPICAL
UC	UNDERGROUND CABLE
VGC	VERTICAL GRANITE CURB
VGF	VERTICAL GRANITE FILLER
W	WATER
W	WEST
W/	WITH
WV	WATER VALVE

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COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

COMMONWEALTH OF MASSACHUSETTS
DAVID A. WHITE
No. 39589
REGISTERED PROFESSIONAL ENGINEER

REV	DESCRIPTION	DATE

DESIGNED BY: BMc | CHECKED BY: DAW
DRAWN BY: BMc | 223580-L&N.dwg

LEGEND & GENERAL NOTES

CITY OF QUINCY, MASSACHUSETTS
1305 HANCOCK ST, QUINCY, MA

BREWERS CORNER AND VICINITY
PEDESTRIAN ACCESS &
TRAFFIC MANAGEMENT IMPROVEMENTS

JOB NO.: 223580.00
DATE: December 17, 2010
SCALE: 1"=20'
SHEET: 4 OF 17

C-100

\\Providence\Projects\223580 Quincy MA - Brewers Corner\vip\CAD-Files\PlanSet\223580-L&N.dwg, Dec 20, 2010 - 2:36pm