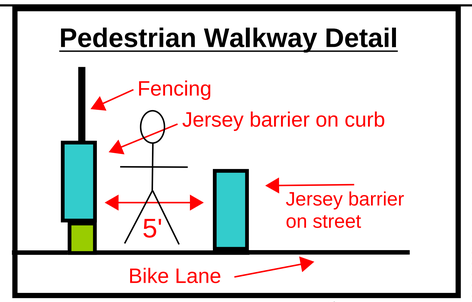
Site Fence

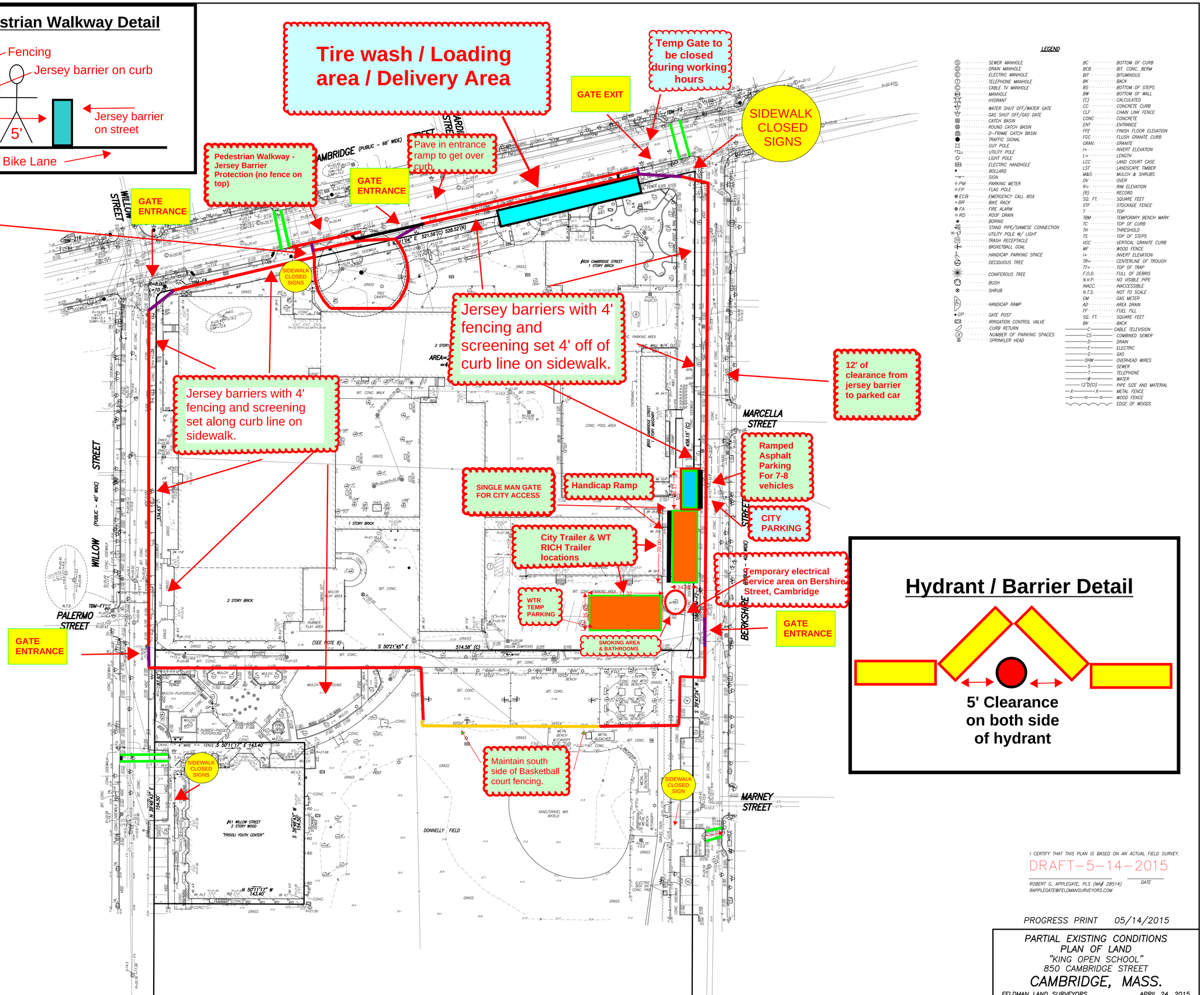
Site Gates

Ramped Asphalt

Pedestrian Walkways

Pedestrian Walkway Detail





Hydrant / Barrier Detail

5' Clearance on both side of hydrant

NOTES:

1) BENCH MARK INFORMATION:

BENCH MARK USED:

TBM-216: CHISELED SQUARE ON THE LEFT OUTER CORNER OF THE TOP CONCRETE STEP AT #901-903 CAMBRIDGE STREET, AS SHOWN HEREON. ELEVATION = 22.91

TEMPORARY BENCH MARKS SET:

TBM-F1: X-CUT SET ON HYDRANT BOLT BETWEEN "E" AND "L" IN MUELLER, 2.4' ABOVE GRADE, ON THE NORTHERLY SIDE OF PALERMO STREET AT THE INTERSECTION OF THE WESTERLY SIDE OF WILLOW STREET, AS SHOWN HEREON. ELEVATION = 23.40

TBM-F2: X-CUT SET ON LEFT HYDRANT BOLT OVER MAIN OUTLET, 2.4' ABOVE GRADE, ON THE WESTERLY SIDE OF BERKSHIRE STREET, 140'± SOUTH OF MARCELLA STREET, AS SHOWN HEREON. ELEVATION = 22.93

TBM-F3: X-CUT SET ON HYDRANT BOLT OVER MAIN OUTLET, 1.7' ABOVE GRADE, ON THE NORTHERLY SIDE OF CAMBRIDGE STREET, 180'± EAST OF HARDING STREET, AS SHOWN HEREON. ELEVATION = 22.18

TBM-F4: X-CUT SET ON LEFT HYDRANT BOLT OVER MAIN OUTLET, 2.2' ABOVE GRADE, ON THE SOUTHERLY SIDE OF CAMBRIDGE STREET AT THE INTERSECTION OF THE EASTERLY SIDE OF WILLOW STREET, AS SHOWN HEREON. ELEVATION = 22.75

2) ELEVATIONS REFER TO CITY OF CAMBRIDGE BASE.

3) CONTOUR INTERVAL EQUALS ONE (1) FOOT.

4) INTERIOR LINES WERE TAKEN FROM A PLAN PREPARED BY WENDELL H. MASON ENTITLED "PLAN OF LAND FOR EASTERN CAMBRIDGE YOUTH CENTER IN CAMBRIDGE, MASS." DATED AUGUST 29, 1994 WHICH WAS PROVIDED BY THE CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS.

5) BY GRAPHIC PLOTTING ONLY, THE PARCEL SHOWN HEREON LIES WITHIN A ZONE "X" (UNSHADED), AN AREA OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOOD, AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A) FLOOD INSURANCE RATE MAP (F.I.R.M.) FOR MIDDLESEX COUNTY, MASSACHUSETTS, MAP NUMBER 25017C0577E, CITY OF CAMBRIDGE COMMUNITY NUMBER 250186, PANEL NUMBER 0577, HAVING AN EFFECTIVE DATE OF JUNE 4, 2010.

6) UTILITY INFORMATION SHOWN IS BASED ON BOTH A FIELD SURVEY AND PLANS OF RECORD. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM THE AFOREMENTIONED RECORD PLANS AND ARE APPROXIMATE ONLY. WE CANNOT ASSUME RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES THAT ARE OMITTED OR INACCURATELY SHOWN ON SAID RECORD PLANS. SINCE SUB-SURFACE UTILITIES CANNOT BE VISIBLY VERIFIED, BEFORE PLANNING FUTURE CONNECTIONS, THE PROPER UTILITY ENGINEERING DEPARTMENT SHOULD BE CONSULTED AND THE ACTUAL LOCATION OF SUB-SURFACE STRUCTURES SHOULD BE DETERMINED IN THE FIELD. CALL, TOLL FREE, THE DIG SAFE CALL CENTER AT 1-888-344-7233 SEVENTY-TWO HOURS PRIOR TO EXCAVATION.

7) THIS DOCUMENT IS AN INSTRUMENT OF SERVICE OF FELDMAN LAND SURVEYORS ISSUED TO OUR CLIENT FOR PURPOSES RELATED DIRECTLY AND SOLELY TO FELDMAN LAND SURVEYORS' SCOPE OF SERVICES UNDER CONTRACT TO OUR CLIENT FOR THIS PROJECT. ANY USE OR REUSE OF THIS DOCUMENT FOR ANY REASON BY ANY PARTY FOR PURPOSES UNRELATED DIRECTLY AND SOLELY TO SAID CONTRACT SHALL BE AT THE USER'S SOLE AND EXCLUSIVE RISK AND LIABILITY, INCLUDING LIABILITY FOR VIOLATION OF COPYRIGHT LAWS, UNLESS WRITTEN CONSENT IS PROVIDED BY FELDMAN LAND SURVEYORS.

8) LOT LINE BETWEEN SCHOOL AND PARK TAKEN FROM PLAN ENTITLED "PLAN OF LAND FOR EASTERN CAMBRIDGE YOUTH CENTER" IN CAMBRIDGE, MASS, PREPARED BY WENDELL H. MASON, DATED AUGUST 29, 1994.

9) SUBSURFACE WATER INFORMATION PLOTTED FROM CITY OF CAMBRIDGE GIS DATA.

REFERENCES

CITY OF CAMBRIDGE ENGINEERING DEPARTMENT

BOOK 82	PAGE 94
BOOK 94	PAGE 139
BOOK 114	PAGE 105
BOOK 154	PAGE 88
BOOK 155	PAGE 61
BOOK 156	PAGE 77
BOOK 180	PAGE 8

MIDDLESEX COUNTY REGISTRY OF DEEDS
PLAN 882 OF 1996

MASSACHUSETTS LAND COURT
LCC 18806A

LEGEND

SEWER MANHOLE	BOTTOM OF CURB
DRAIN MANHOLE	BIT. CONC. BERM
ELECTRIC MANHOLE	BITUMINOUS
TELEPHONE MANHOLE	BACK
CABLE TV MANHOLE	BOTTOM OF STEPS
MANHOLE	BOTTOM OF WALL
HYDRANT	(C) CALCULATED
WATER SHUT OFF/WATER GATE	CONCRETE CURB
GAS SHUT OFF/GAS GATE	CHAIN LINK FENCE
CATCH BASIN	CONCRETE
ROUND CATCH BASIN	ENTRANCE
D-FRAME CATCH BASIN	FINISH FLOOR ELEVATION
TRAFFIC SIGNAL	FLUSH GRANITE CURB
GUY POLE	GRANITE
UTILITY POLE	INVERT ELEVATION
LIGHT POLE	LENGTH
ELECTRIC HANDHOLE	LAND COURT CASE
BOLLARD	LANDSCAPE TIMBER
SIGN	MULCH & SHRUBS
PARKING METER	OVER
FLAG POLE	RIM ELEVATION
EMERGENCY CALL BOX	RECORD
BIKE RACK	SQUARE FEET
FIRE ALARM	STOCKADE FENCE
ROOF DRAIN	TOP
BORING	TEMPORARY BENCH MARK
STAND PIPE/SIAMESE CONNECTION	TOP OF CURB
UTILITY POLE W/ LIGHT	THRESHOLD
TRASH RECEPTACLE	TOP OF STEPS
BASKETBALL GOAL	VERTICAL GRANITE CURB
HANDICAP PARKING SPACE	WOOD FENCE
DECIDUOUS TREE	INVERT ELEVATION
CONIFEROUS TREE	CENTERLINE OF TROUGH
BUSH	TOP OF TRAP
SHRUB	F.O.D. FULL OF DEBRIS
HANDICAP RAMP	N.V.P. NO VISIBLE PIPE
GATE POST	INACCESSIBLE
IRRIGATION CONTROL VALVE	N.T.S. NOT TO SCALE
CURB RETURN	GAS METER
NUMBER OF PARKING SPACES	AREA DRAIN
SPRINKLER HEAD	FUEL FILL
	SQUARE FEET
	BACK
	CABLE TELEVISION
	COMBINED SEWER
	DRAIN
	ELECTRIC
	GAS
	OVERHEAD WIRES
	SEWER
	TELEPHONE
	WATER
	PIPE SIZE AND MATERIAL
	METAL FENCE
	WOOD FENCE
	EDGE OF WOODS

I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY.

DRAFT-5-14-2015

ROBERT G. APPLEGATE, PLS (MA# 28514) DATE
RAPPLEGATE@FELDMANSURVEYORS.COM

PROGRESS PRINT 05/14/2015

PARTIAL EXISTING CONDITIONS
PLAN OF LAND
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850 CAMBRIDGE STREET
CAMBRIDGE, MASS.

FELDMAN LAND SURVEYORS
112 SHAWMUT AVENUE
BOSTON, MASS. 02118
PHONE: (617)357-9740
www.feldmansurveyors.com

APRIL 24, 2015

FELDMAN LAND SURVEYORS

30 0 15 30 60 120

SCALE: 1"=30'

RESEARCH SMD	FIELD CHIEF FS	PROJ. MGR SMD	APPROVED	SHEET NO. 1 OF 1
CALC. MJB	CADD MJB/AJA	FIELD CHECKED -	CRD FILE 14590	JOB NO. 14590

FILENAME: S:\PROJECTS\14500s\14590\DWG\14590-EC.dwg