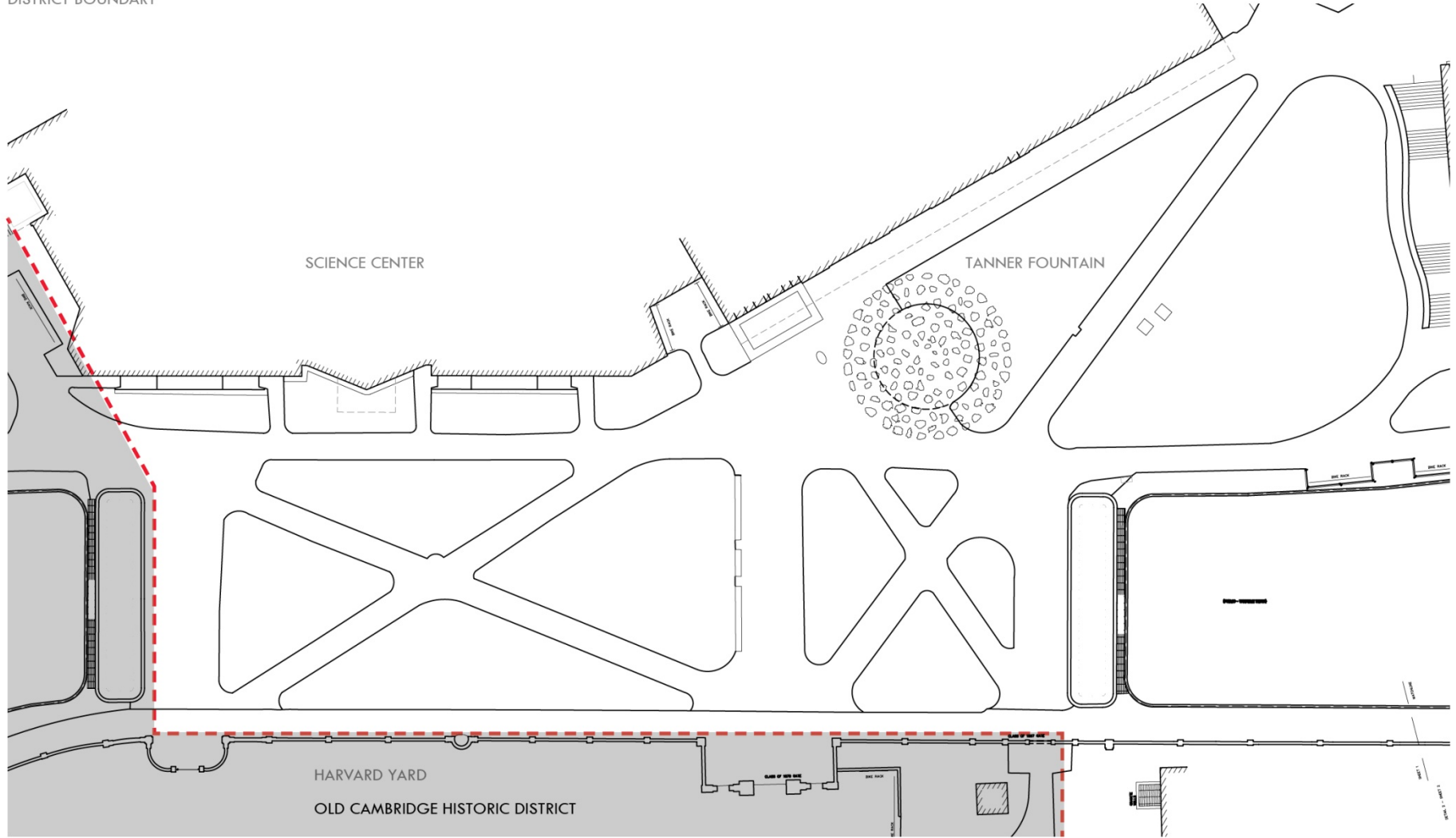


EXISTING PLAN
APPROXIMATE OLD
CAMBRIDGE HISTORIC
DISTRICT BOUNDARY





Areas of Concern

- Structural Issues
 - Delaminated Concrete
 - Torn Waterproofing
 - Water Damage
- Deteriorated Railing



Areas of Concern

- Pavement Deterioration
- Sidewalk Deterioration
 - Non-ADA Compliant
 - Ponding/Ice Formation



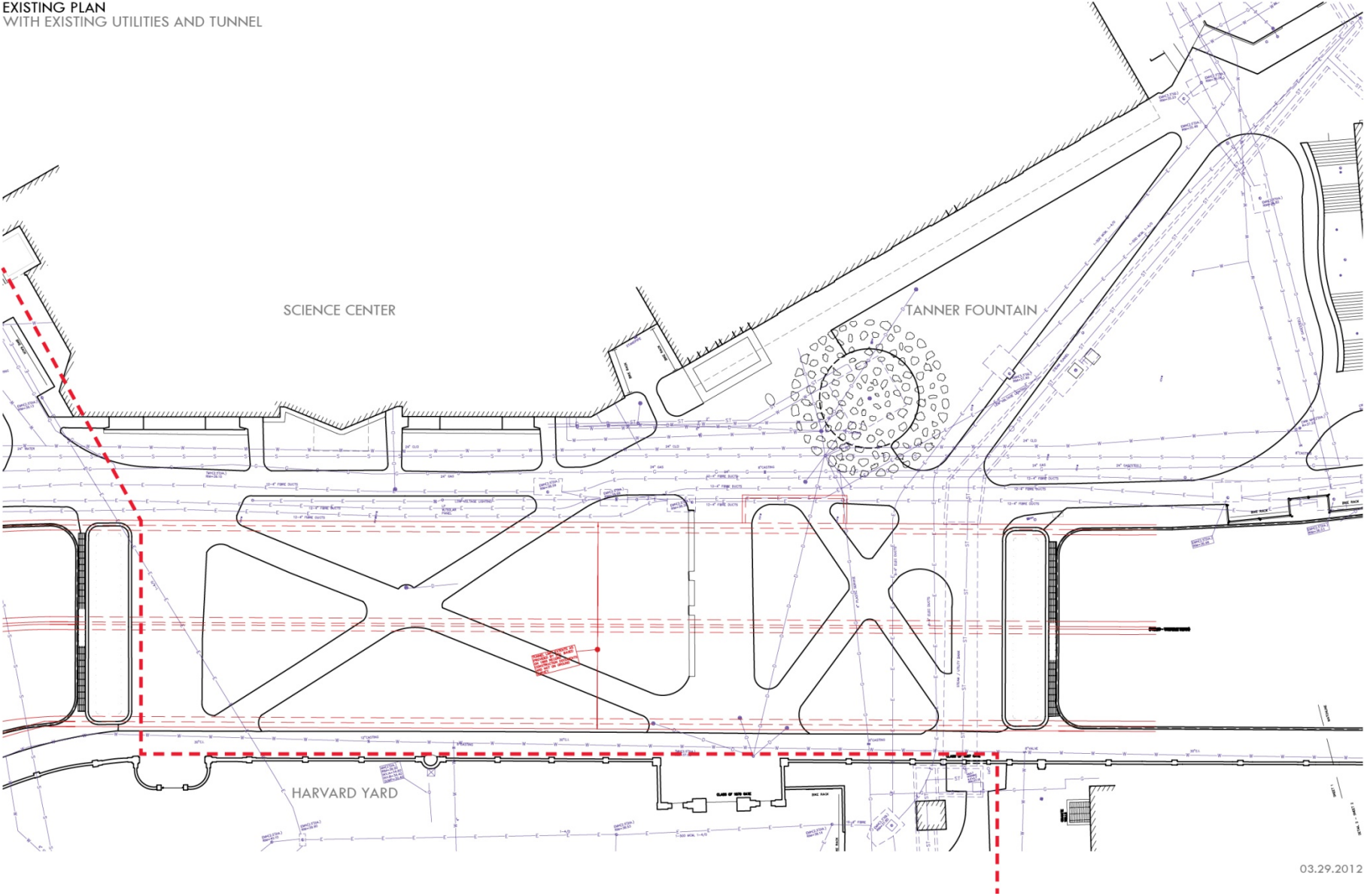
Scope of Structural Work

- Waterproofing replacement
- Concrete joint, spall and crack repairs
- Roadway pavement repair – underpass & approaches
- Sidewalk reconstruction – Garden St to Quincy St
- Railing rehabilitation / replacement

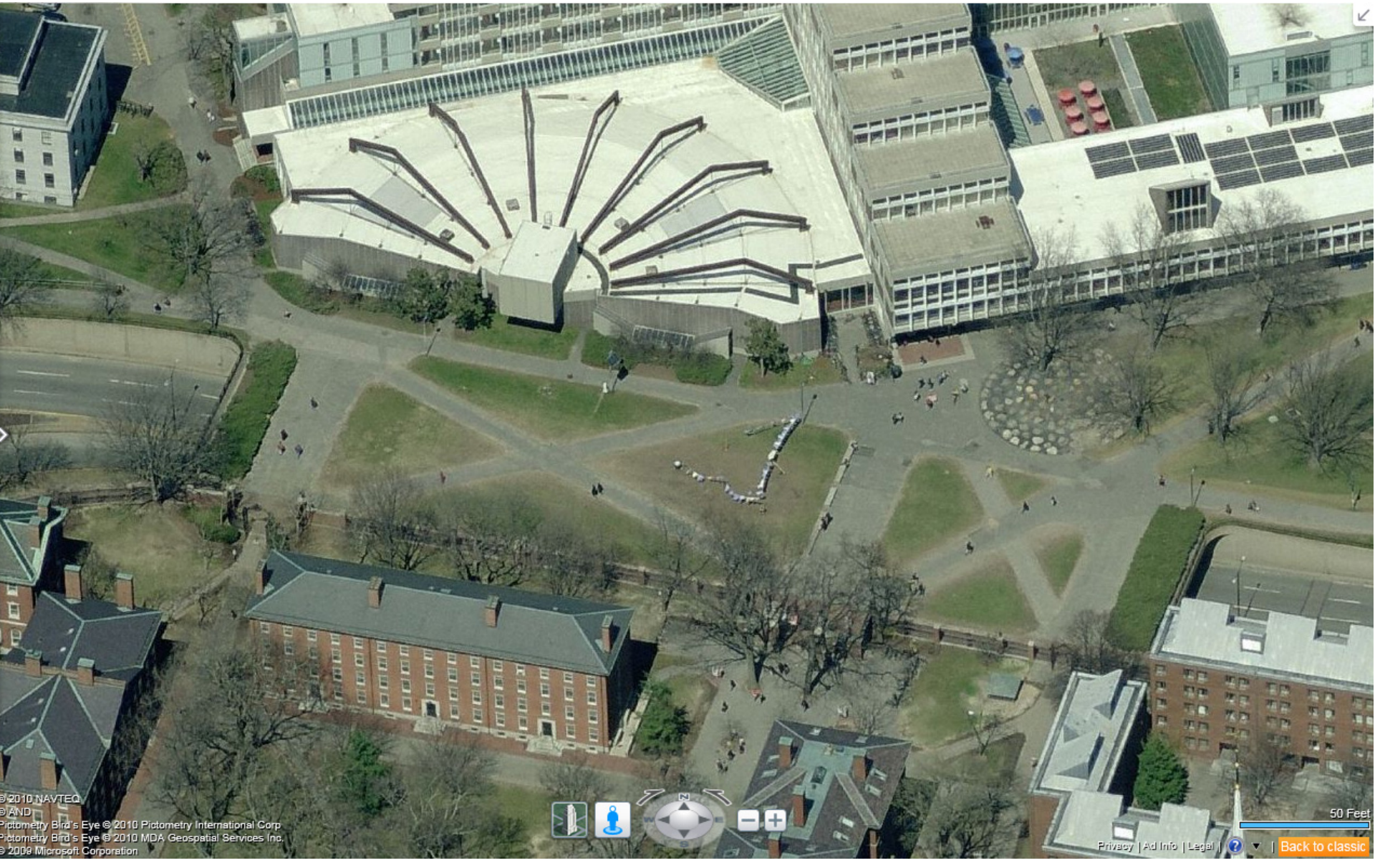


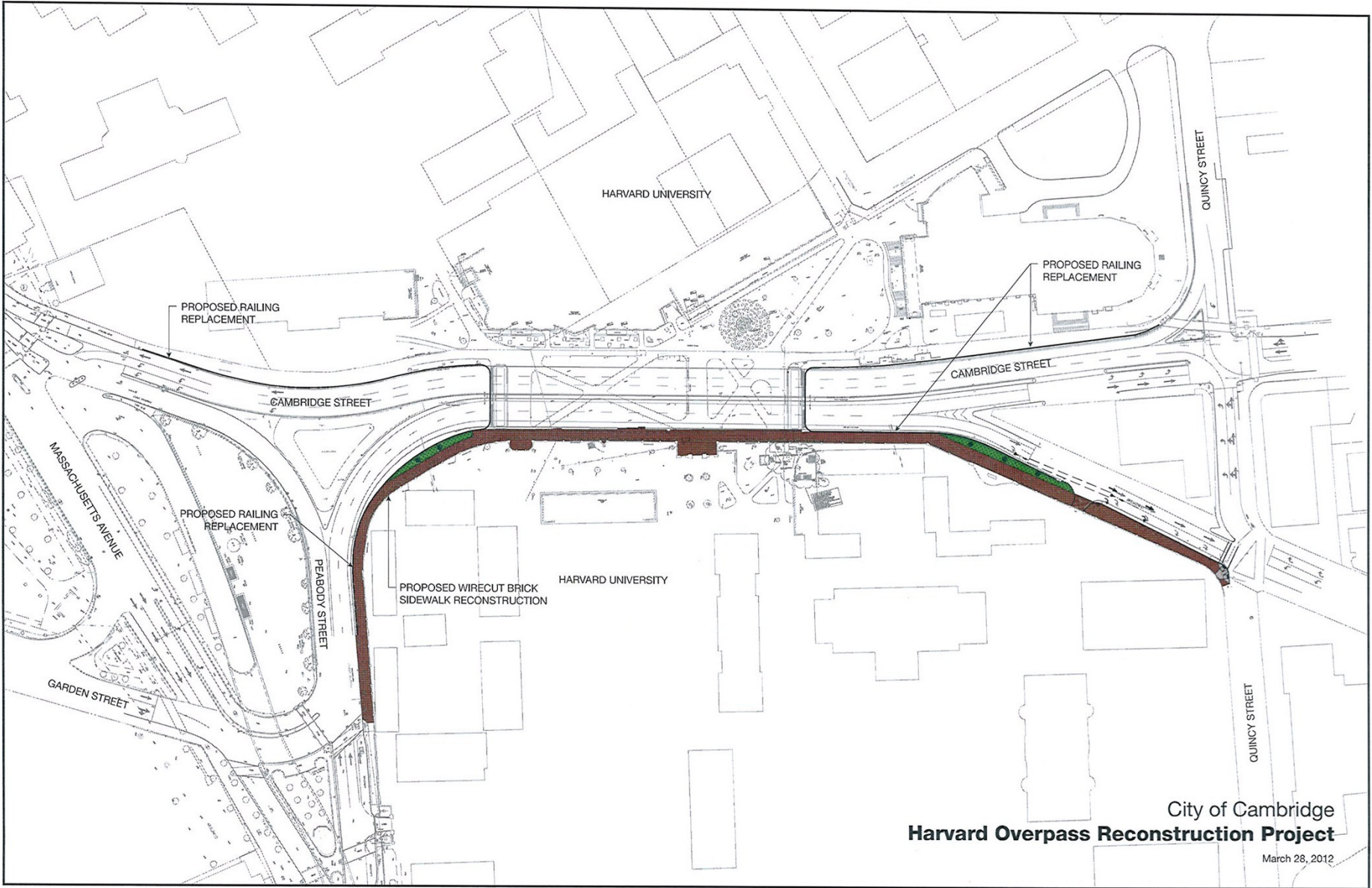
Utilities

EXISTING PLAN
WITH EXISTING UTILITIES AND TUNNEL



Surface Enhancements





City of Cambridge
Harvard Overpass Reconstruction Project

March 28, 2012



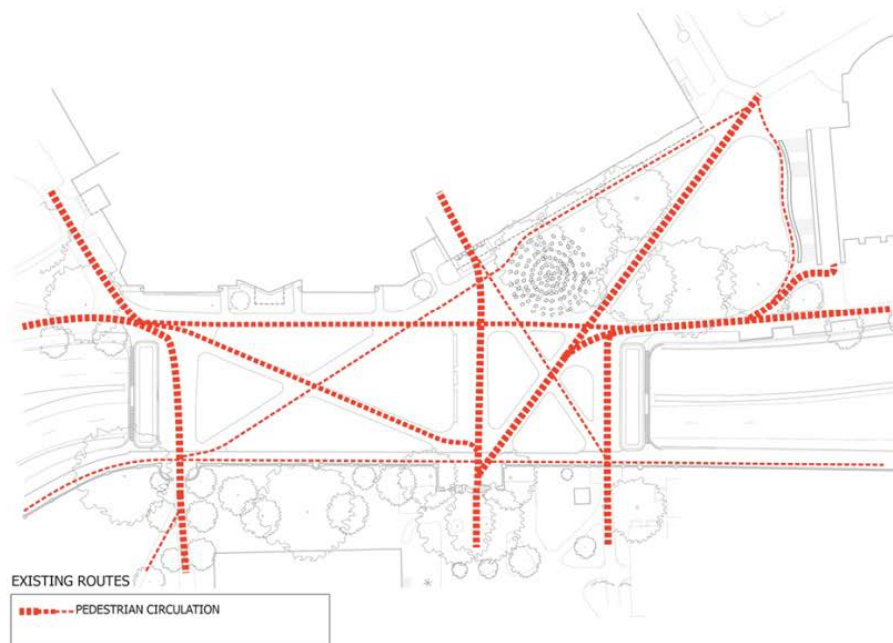
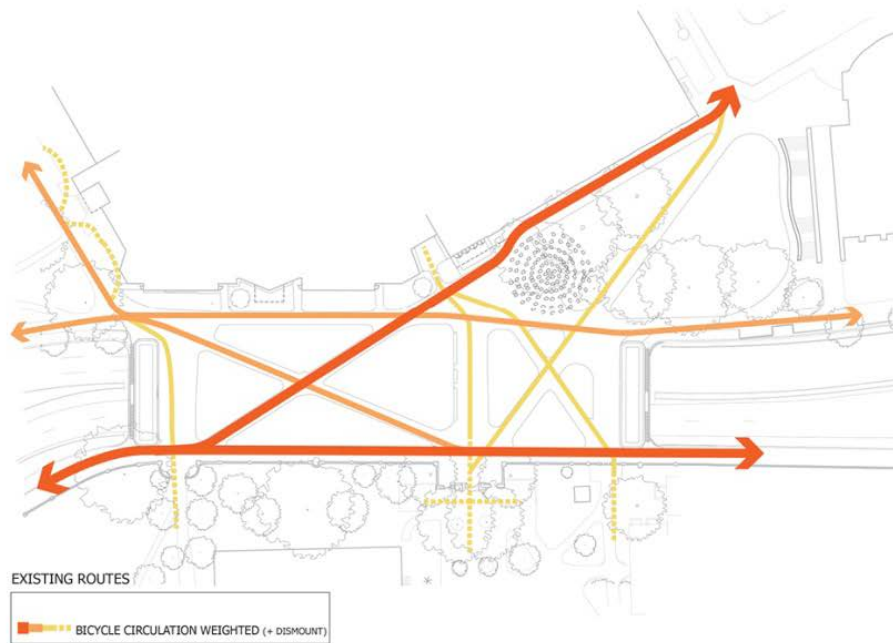




EXISTING CONDITIONS
BIKE AND PEDESTRIAN CONFLICTS



CIRCULATION



ANALOGOUS PLAZA CONDITIONS
CAMBRIDGE MIXED-USE STREETS



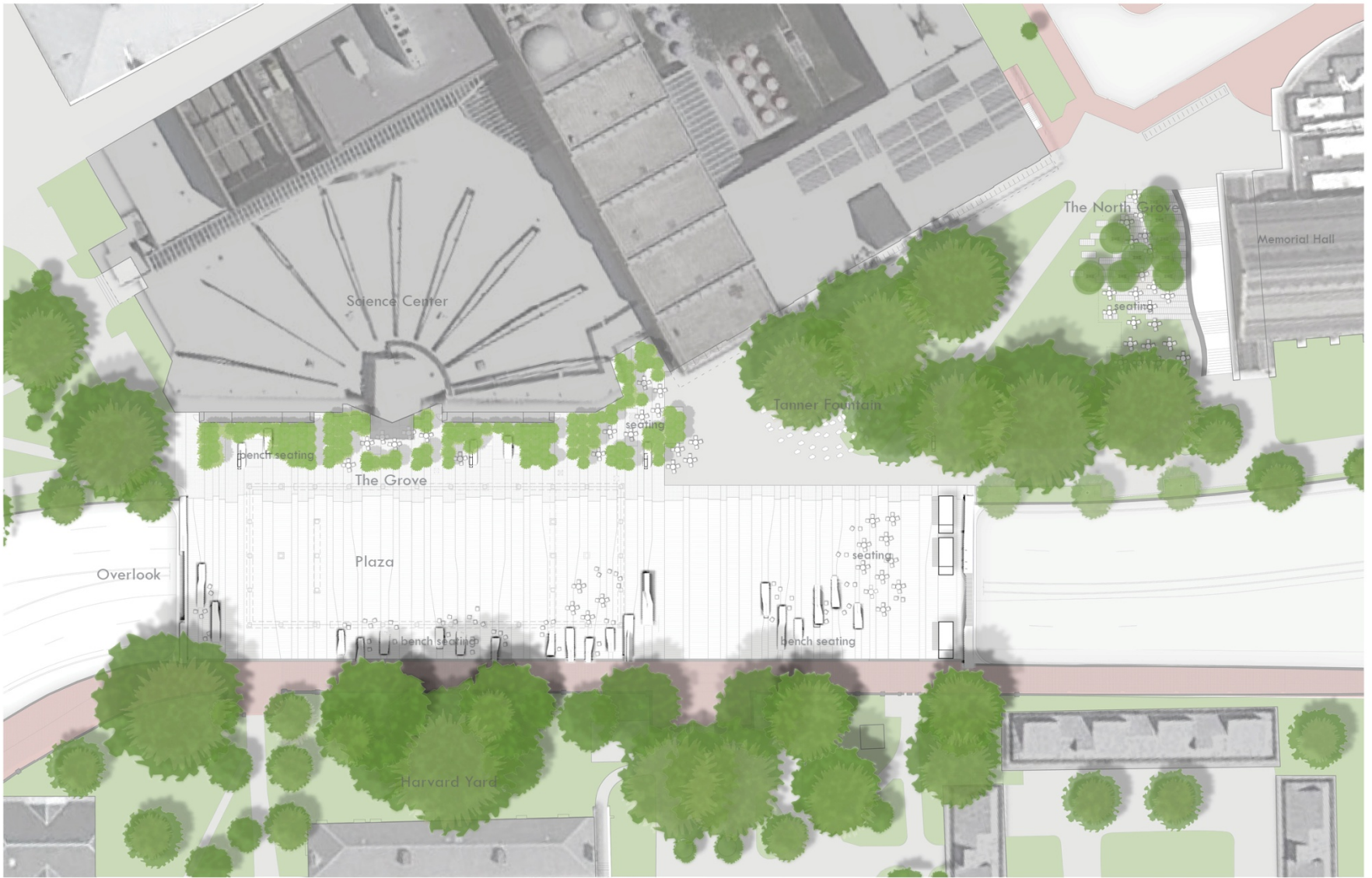
Palmer Street at Harvard Square



Winthrop Street



Palmer Street at Harvard Square



WEST WALL
VIEWS



Blocked sight lines, and crowding of south-west gateway

WEST WALL
VIEWS



Widening of wall-to-gate dimension opens up sight-lines

WEST WALL
VIEWS



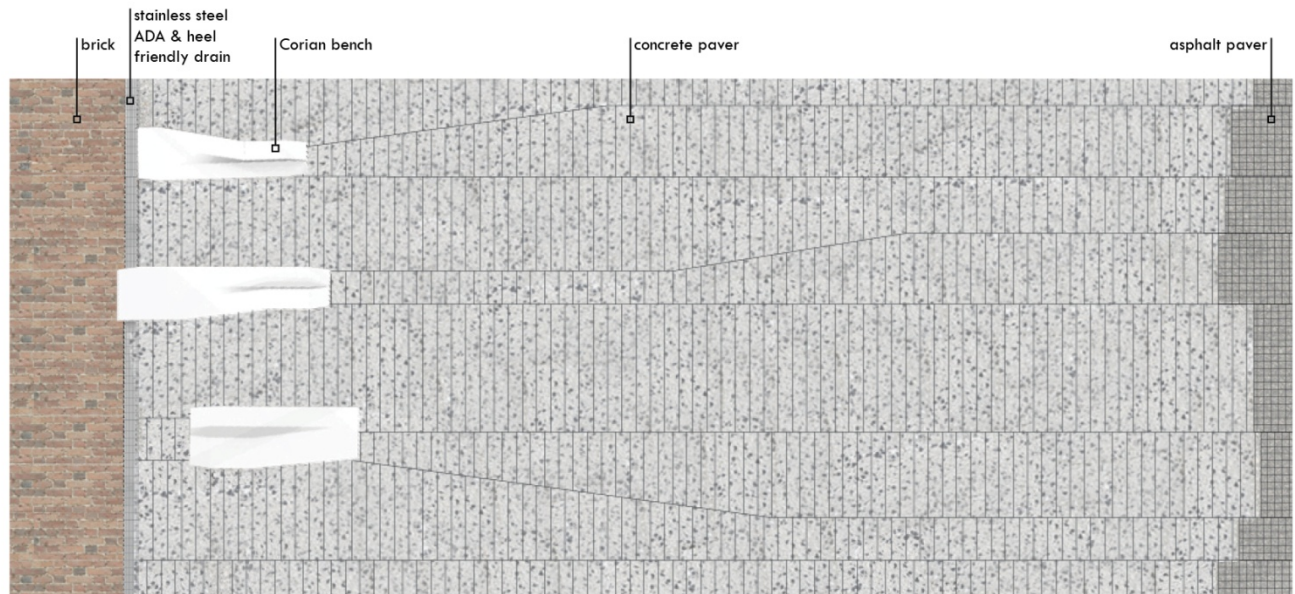
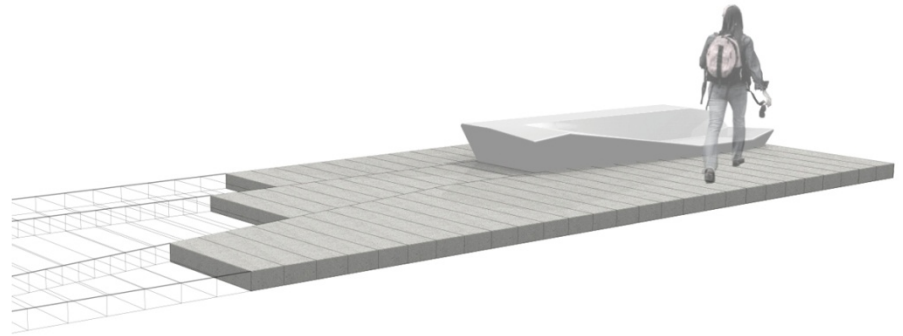
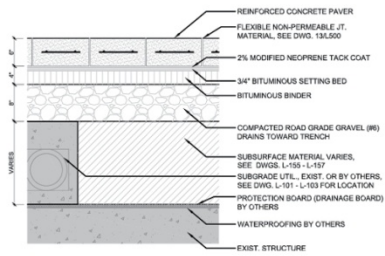
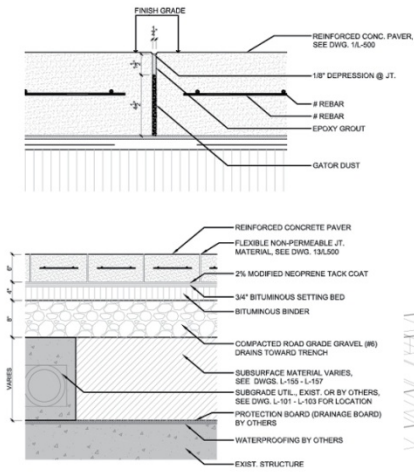
Brick path too narrow for bike lanes

WEST WALL
VIEWS



Brick path too narrow for bike lanes

PAVING AND MATERIALS



PAVING AND MATERIALS
PALLETTE



Concrete Paver 90-4 TO 1
Custom mixed aggregate with recycled porcelain

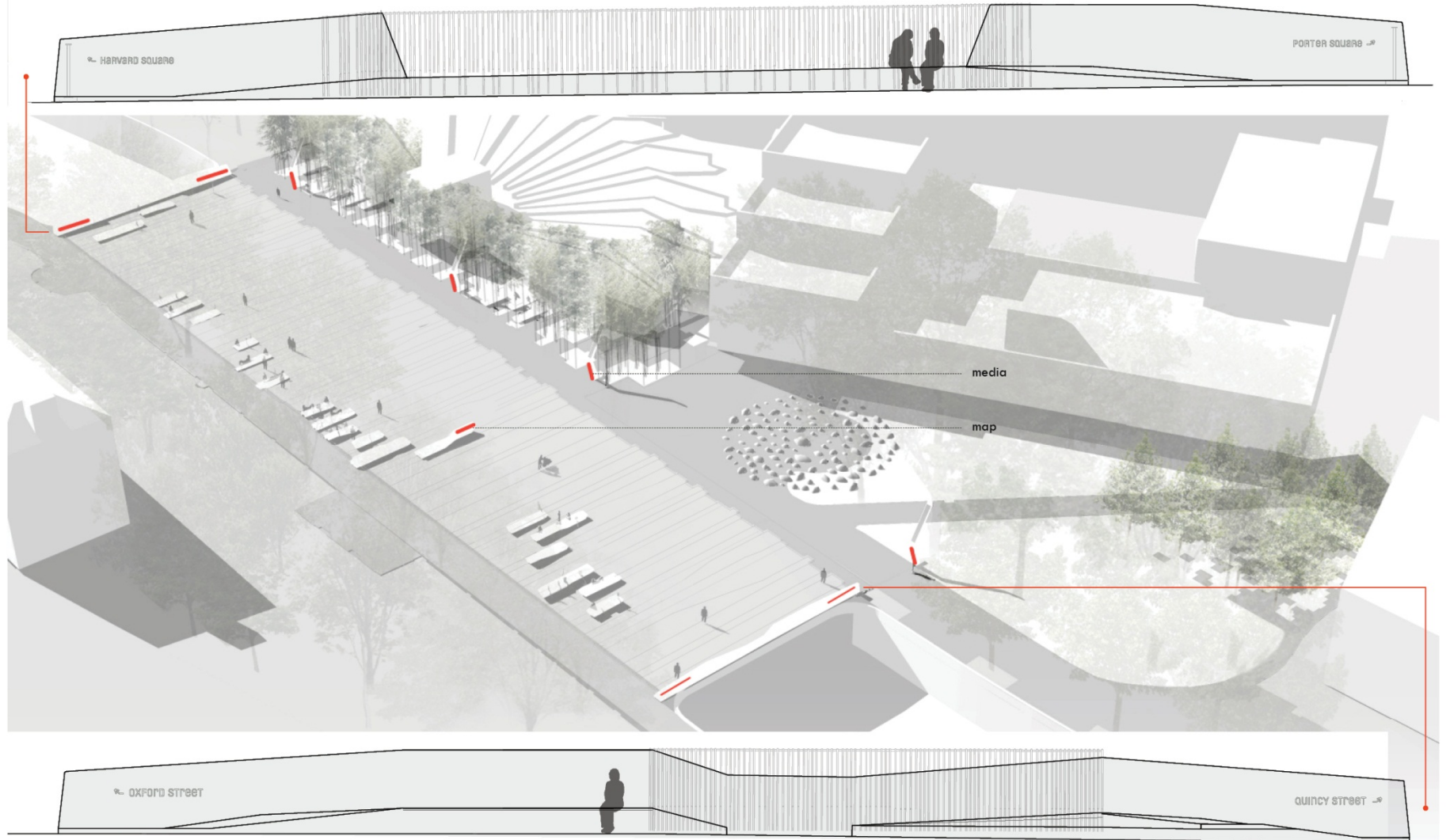


Asphalt Paver



Corian pantone 400
Corian for benches. End Wall refined concrete to
match bench color.

WAYFINDING



WEST WALL
AXON

REFINED CONCRETE FINISH,
COLOR TO MATCH BENCHES,
WALL PROFILE VARIES, SEE DWG.
SHEET L531

DIRECTIONAL SIGNAGE
SEE DWG. 6/L530

EXTENSION OF EXISTING
FENCE SYSTEM AND CURB,
SEE DWG. 11/L501

TUNNEL RADIUS CURB BEYOND

BRICK ABUTS TUNNEL CURB
EXTENSION

BRICK SIDEWALK:
REPAIR/REPLACE IN KIND
AND EXPAND AS NOTED IN
CITY'S DRAWINGS

12" WIDE CUSTOM CONC. PAVERS,
LENGHT VARIES, SEE DWG. 1/L500

WALL MEETS EDGE OF CONCRETE.
PAVERS, ABUTS DRAIN
FOUNDATION AND 12" GRATE, SEE
DWG. SHEET L531

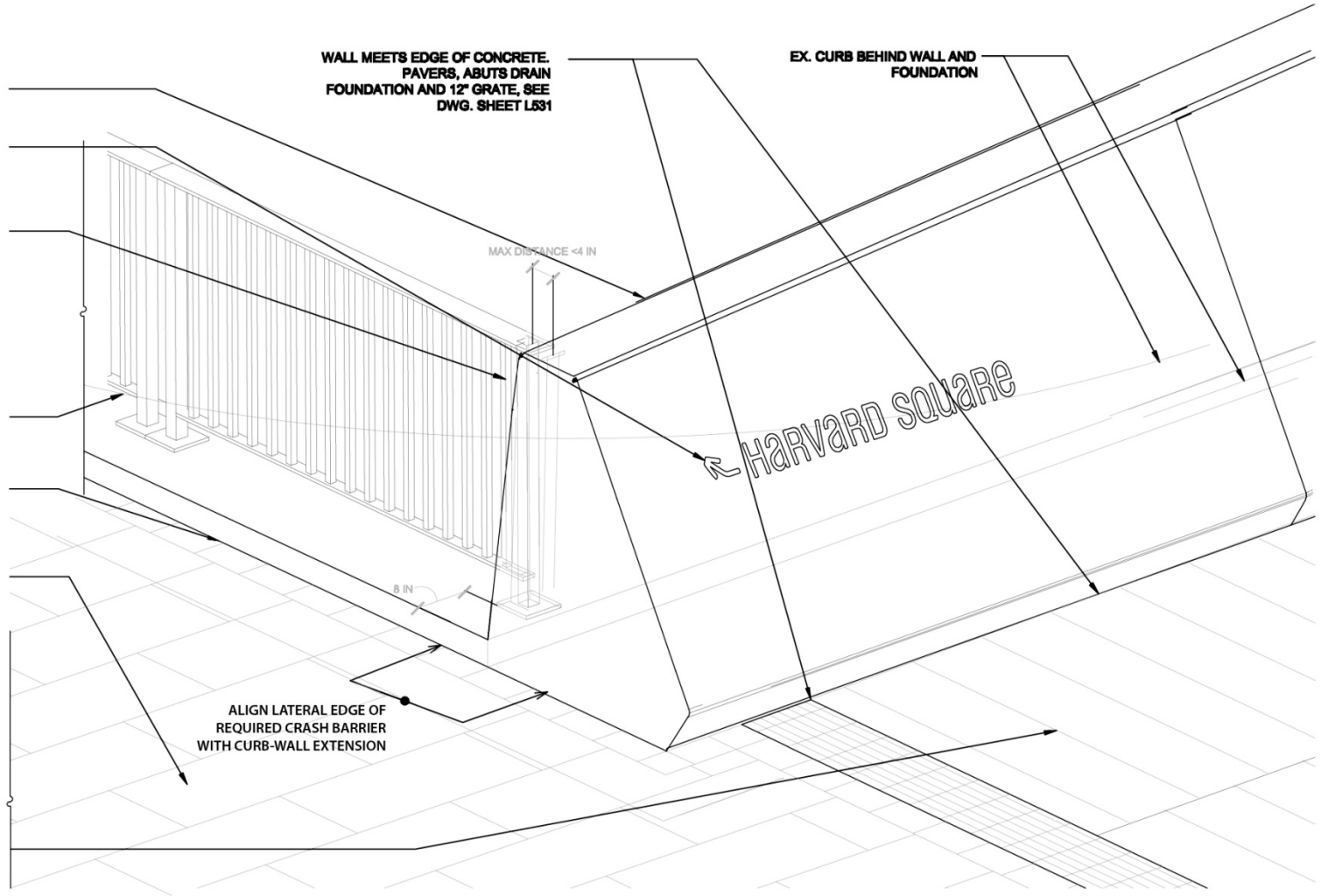
EX. CURB BEHIND WALL AND
FOUNDATION

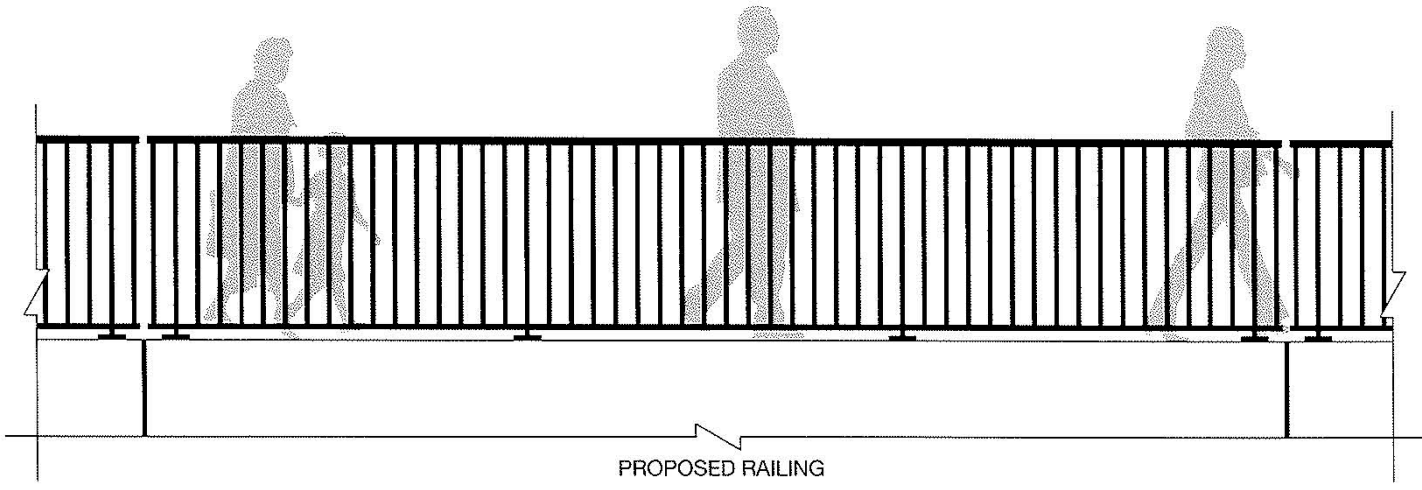
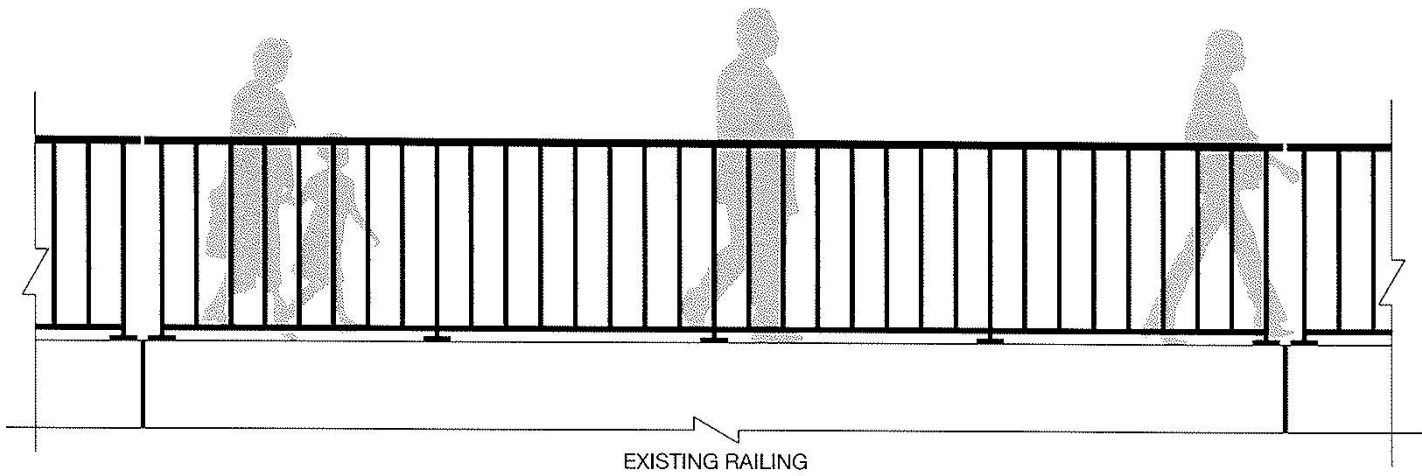
MAX DISTANCE <4 IN

8 IN

ALIGN LATERAL EDGE OF
REQUIRED CRASH BARRIER
WITH CURB-WALL EXTENSION

HARVARD SQUARE

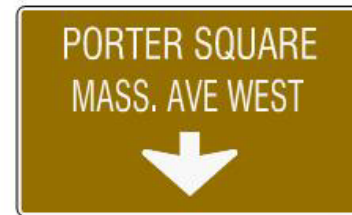
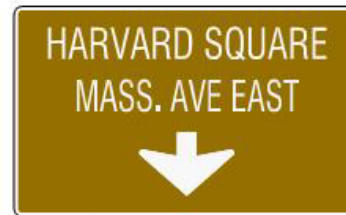
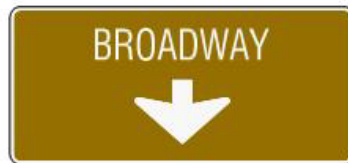




City of Cambridge
Harvard Overpass Reconstruction Project
March 28, 2012

Proposed Wayfinding Signs

Overhead Guide Signs



Post Mounted Guide Signs



Proposed Wayfinding Signs



Discussion

