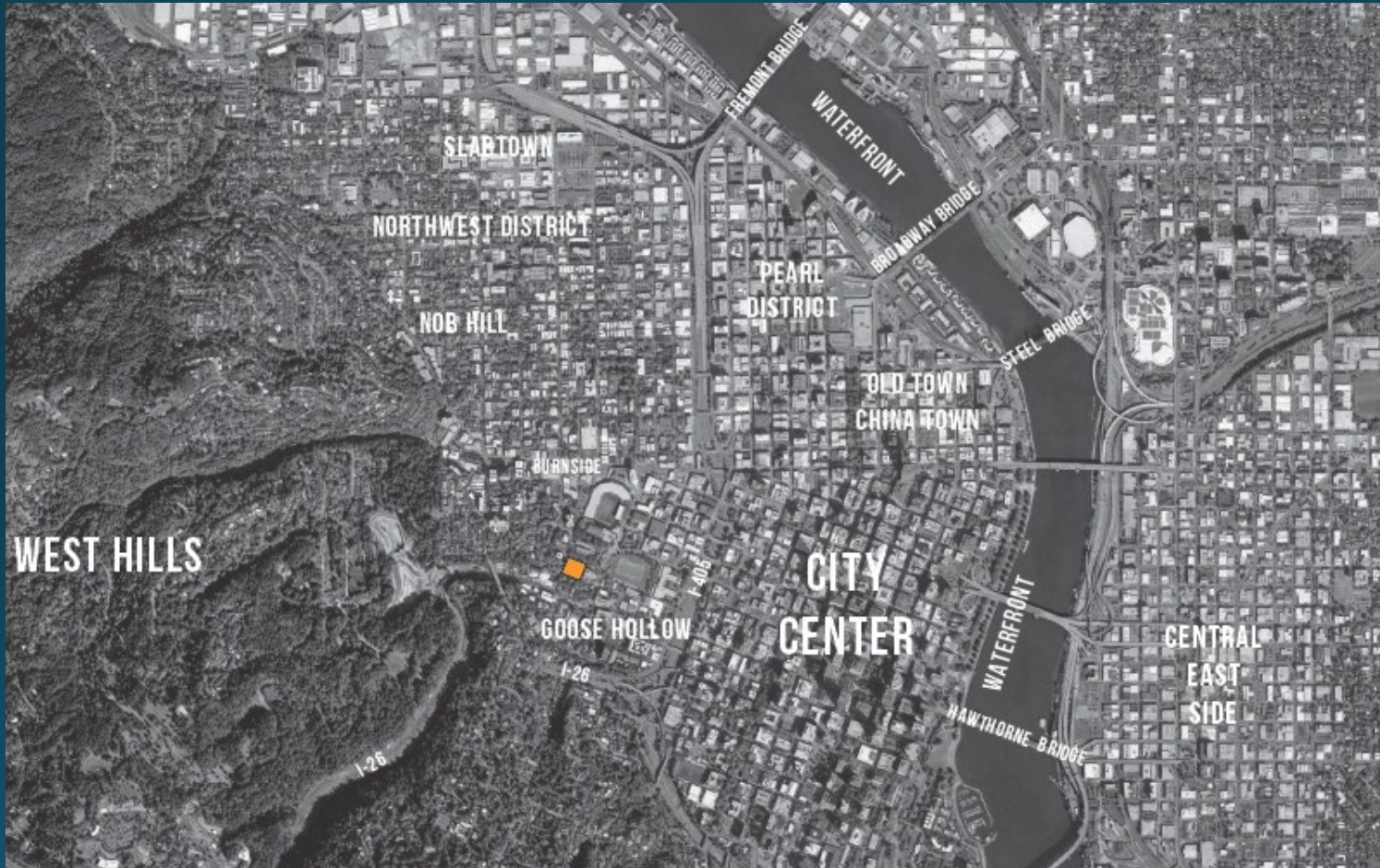


City Engineer's Report to City Council for a Below Grade Major Encroachment



MAC Tunnel July 14th, 2021

CITY-WIDE POLICY

ENCROACHMENTS IN THE
PUBLIC RIGHT-OF-WAY

Adopted
June 10, 1982

CITY COUNCIL MEMBERS:

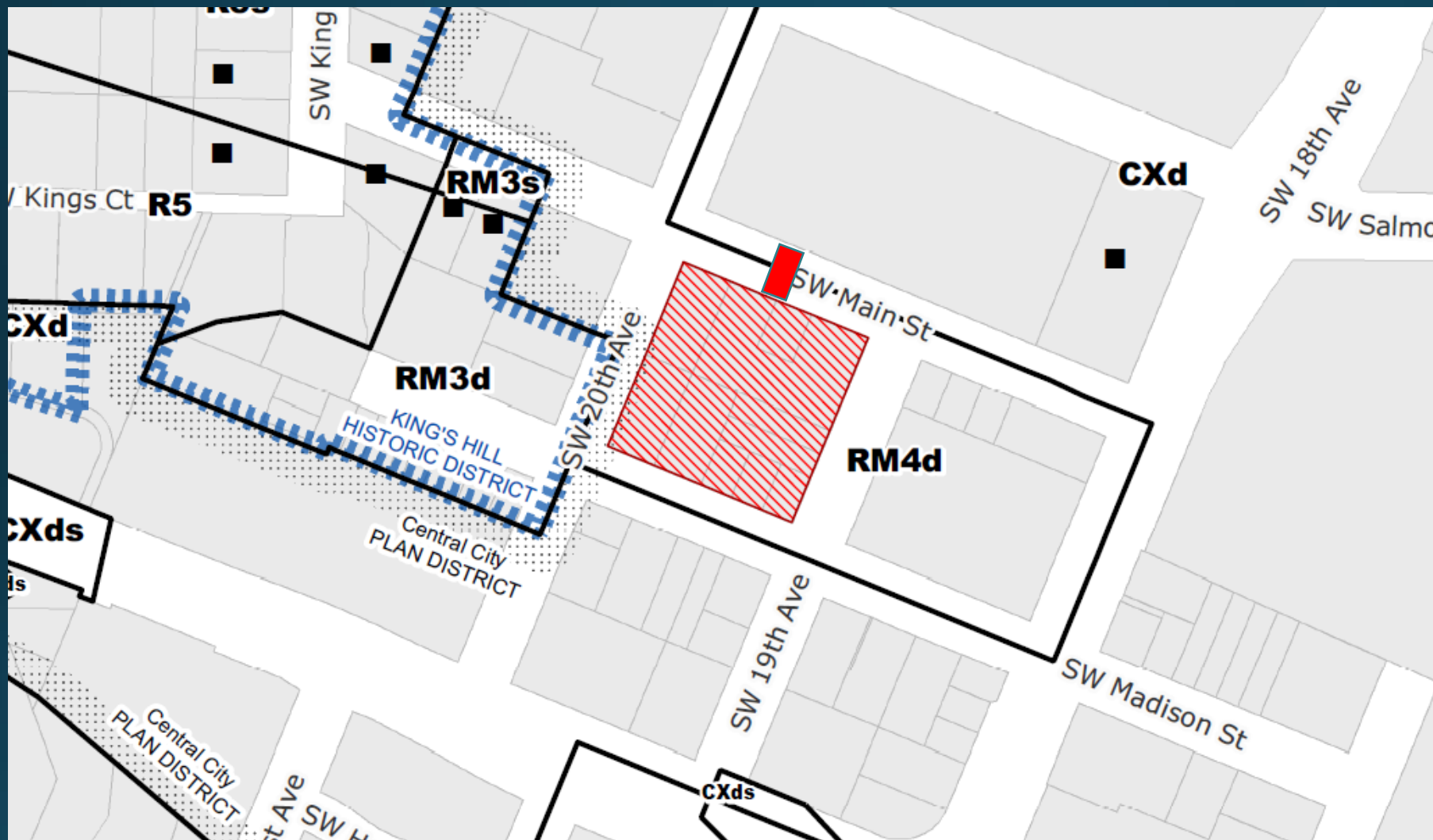
Francis Ivancie, Mayor
Charles R. Jordan, Commissioner
Michael Lindberg, Commissioner
Mildred A. Schwab, Commissioner
Margaret Strachan, Commissioner

PREPARED BY:

Portland Bureau of Planning

Terry Sandblast, Planning Director
Steve Dotterrer, Chief Transportation Planner
Stephen Iwata, City Planner
Donna Beck, Secretarial Clerk
Emily Wied, Graphics

This proposal is
being reviewed per
the policies and
standards within
the 1982
document,
Encroachments In
The Public Right-
of-Way



Tunnel Location

Mid-Block on SW
Main between 19th
and 20th

Types of Major Encroachments

Below-Grade Encroachments

e.g. underground walkway, underground mall,
underground parking

Above-Grade Encroachments

e.g. Type I, II, III Skystructures

At-Grade Encroachments

e.g. Arcades (E Burnside)

Review of Encroachments in the Public Right-of-Way

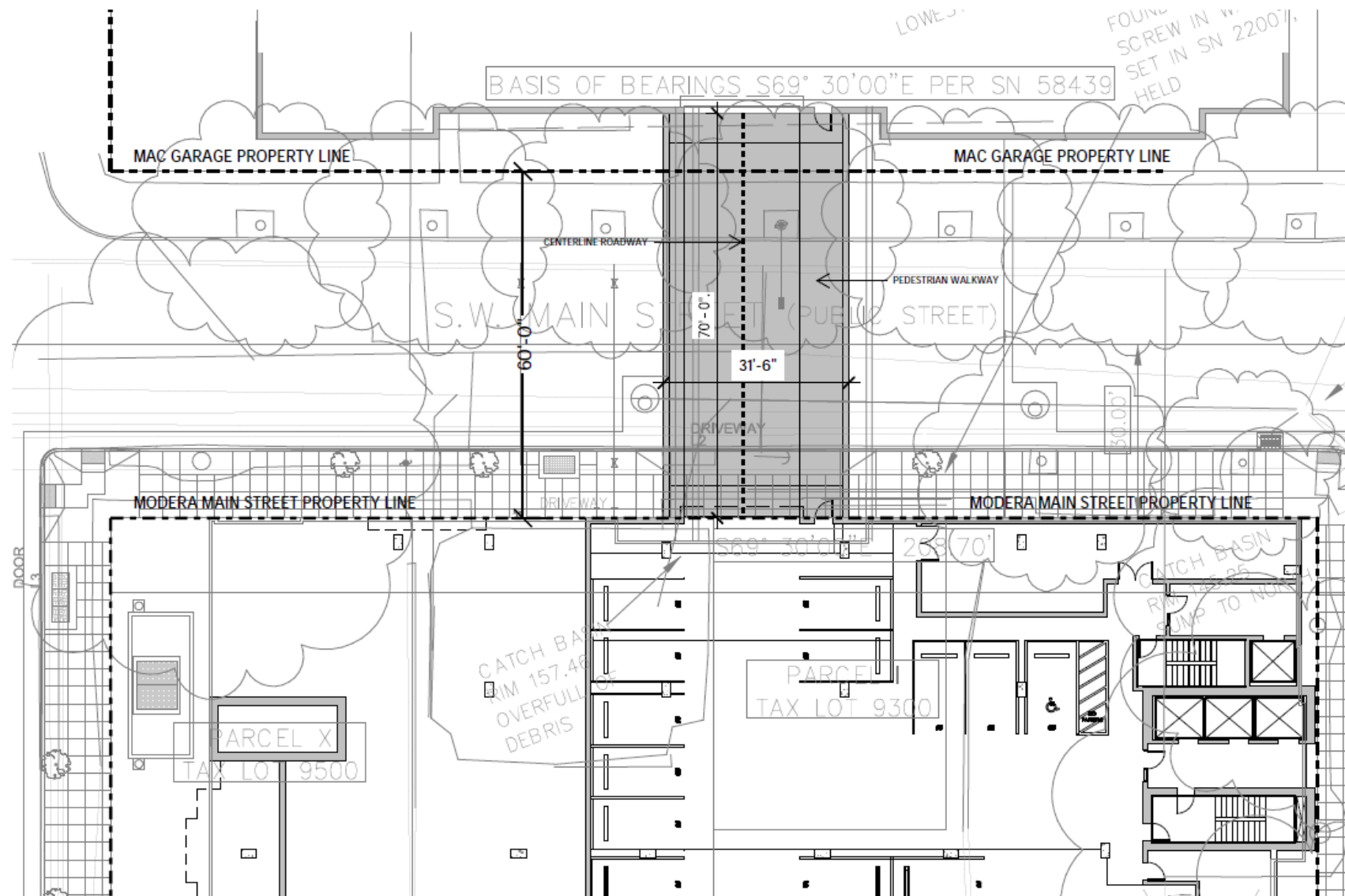
All privately owned and maintained above-grade, at-grade and below-grade encroachments in the public right-of-way are subject to Encroachment Review.

The approval criteria for encroachments are the General Policies (Section III), City-Wide District Policies (Section VII) and Standards for Encroachment (Section VIII) of Chapter One of the 1982 Bureau of Planning document, Encroachments in the Public Right-of-Way.

Scope of Encroachment Review: This encroachment review will evaluate the following areas:

Tunnel access extending beyond the curb line and under SW Main Street

Encroachment Review Process: The structure is a below-grade encroachment located in a portion of the City covered by City Wide Policies. The structure meets the definition of Other Underground Structures.



8-ft Internal
Height
31.5-ft wide
60-ft long
width

154'-0"

11'-10"

142'-2"

13'-8"

LEVEL B2
128'-6"

157.55

155.80

153.92

STEEL SHEET PILING - TO BE USED AS OUTER FORM-WORK FOR SHOTCRETE STRUCTURAL WALLS

(E) UTILITIES TO BE RE-ROUTED DURING EXCAVATION AND CONSTRUCTION - APPROX. LOCATION

PRE-CAST CONCRETE TEE OR HOLLOW CORE PLANK LID, PROFILE AND DEPTH TO BE DETERMINED

18" THICK SHOTCRETE WALLS

CENTERLINE ROADWAY

9'-0"

1'-0"

20'-0"

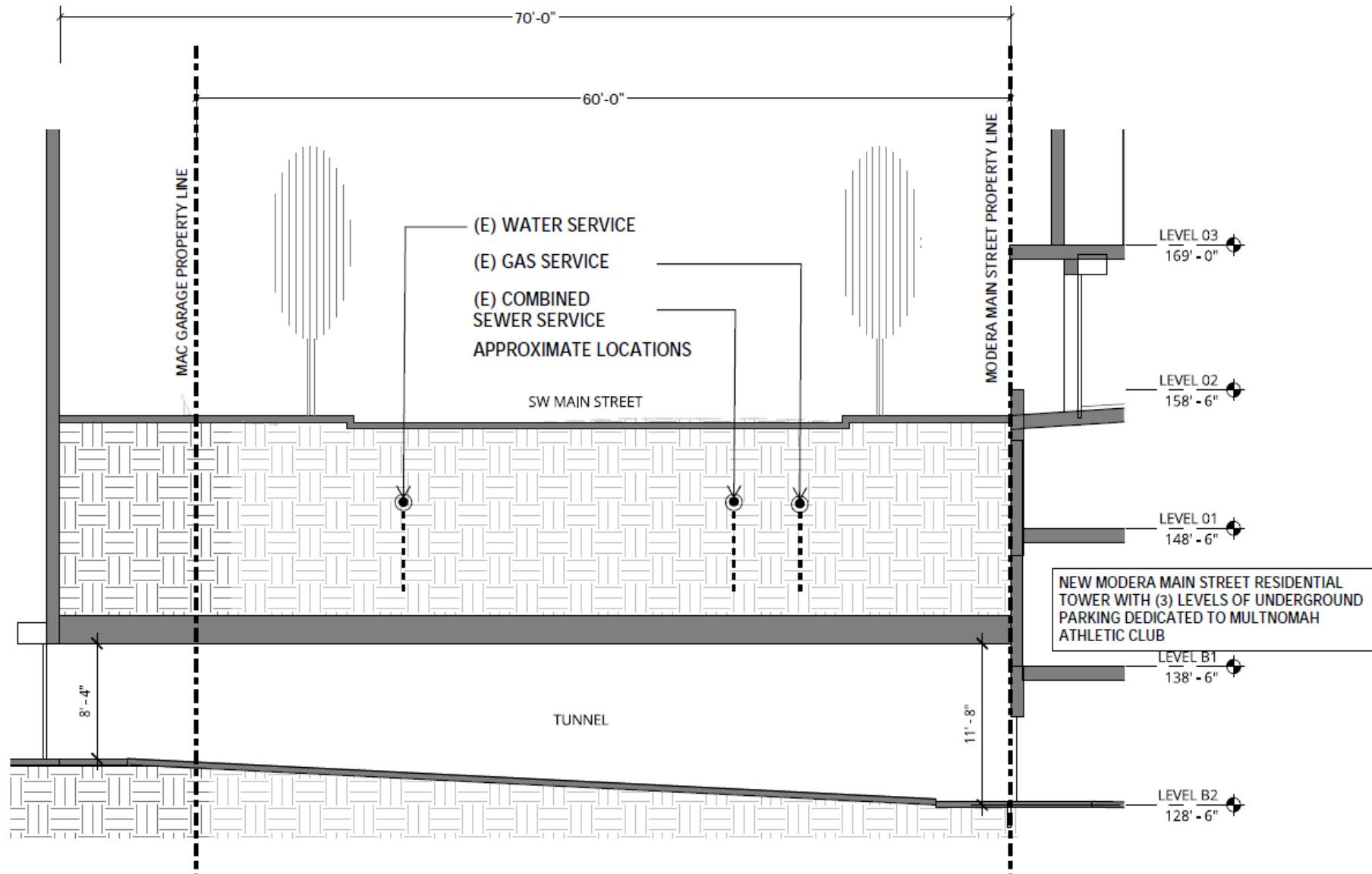
7'-6"

APPROX. 31'-6"

CONCRETE SLAB INTEGRAL WITH FOUNDATIONS TO MINIMIZE EXCAVATION DEPTH AND CONCRETE PLACEMENTS

GROUNDWATER AT 126.00' AS INDICATED IN MAC GEOTECH REPORT (1980). POTENTIAL GROUND WATER ABOVE SOG ELEVATION TO BE DISCUSSED WIT GEOTECHNICAL ENGINEER

EXISTING
MAC GARAGE



City Engineer's Recommendation: Approval subject to the following conditions:

1. The property owner shall enter into a lease agreement with the City for use of space(s) in the public right-of-way. The lease agreement shall be completed prior to release of the Building Permit for the tunnel.
1. The tunnel shall be constructed in substantial compliance with preliminary plans that have been submitted by the applicant and reviewed by the City.
1. The applicant shall construct the tunnel in relation to the public right-of-way improvements and in a manner acceptable to the City of Portland Bureau of Transportation.
1. This encroachment approval is specific to the adjacent land use and is voided if the adjacent approved developments are not constructed. This encroachment approval will expire five years from the date of the approval ordinance if the building has not been constructed.