

GEOMETRIC DESIGN OF HIGHWAYS & STREETS, 2004
BY AASHTO (GREEN BOOK).

= 35MPH, USE 40MPH

CASE B2-RIGHT TURN FROM MINOR ROAD
PER EXHIBIT 9-50B

STOPPING SITE DISTANCE (SSD): 305' (40 MPH), 250' (35 MPH)

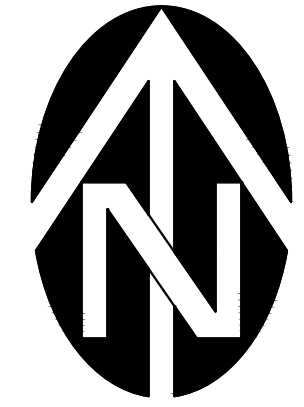
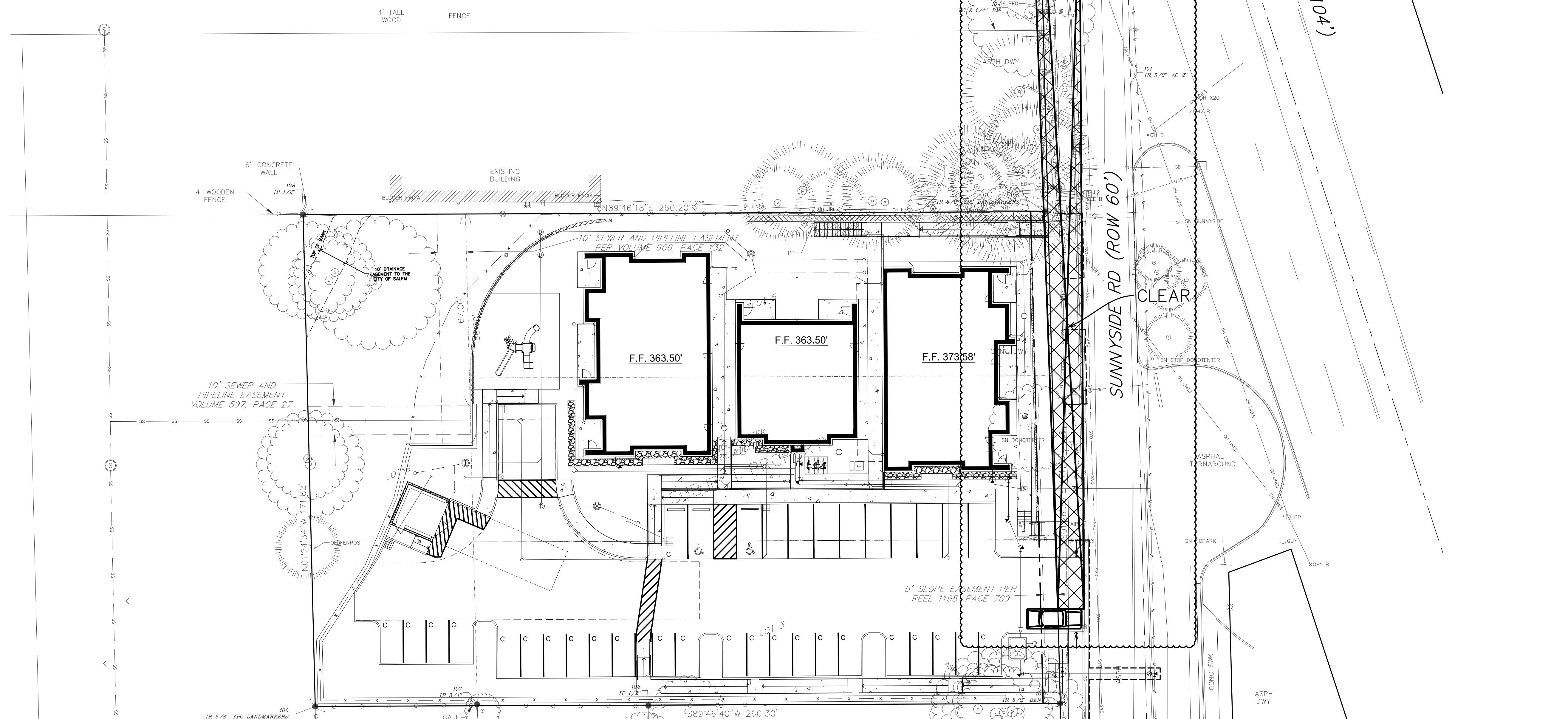
INTERSECTION SIGHT DISTANCE (ISD): 445' (40 MPH), 390' (35 MPH)

AVAILABLE INTERSECTION SIGHT DISTANCE @ ROW ~ 14.5 FROM EDGE OF TRAVEL WAY = 337 FT

AVAILABLE INTERSECTION SIGHT DISTANCE @ ROW @ BACK OF WALK = 392 FT

NARRATIVE:

THE AVAILABLE ISD AT 14.5' FROM EDGE OF TRAVEL LAND IS 377', WHILE THE ISD @ APPROXIMATELY 10' (ROW LINE) FROM EDGE OF TRAVEL LAND IS 392' WHICH CORRELATES TO 36 MPH. THE ASSOCIATED STOPPING SIGHT DISTANCE IS 251' (36 MPH). THE PROPOSED DRIVEWAY IS LOCATED BETWEEN A 40 MPH & 35 MPH ZONE. THEREFORE, AS MITIGATION WE PROPOSED TO ADD A 35 MPH SIGN ON THE SOUTH BOUND SUNNYSIDE ROADWAY EXIT.



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WE

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NEW APARTMENTS

4345 SUNNYSIDE RD SE SALEM, OR 97302

INTERSECTION SITE DISTANCE ANALYSIS

DATE
1/3/2019

REVISED DATE
2 PER CITY COMMENTS
12-6-2021 BY IH

SHEET
C7.0