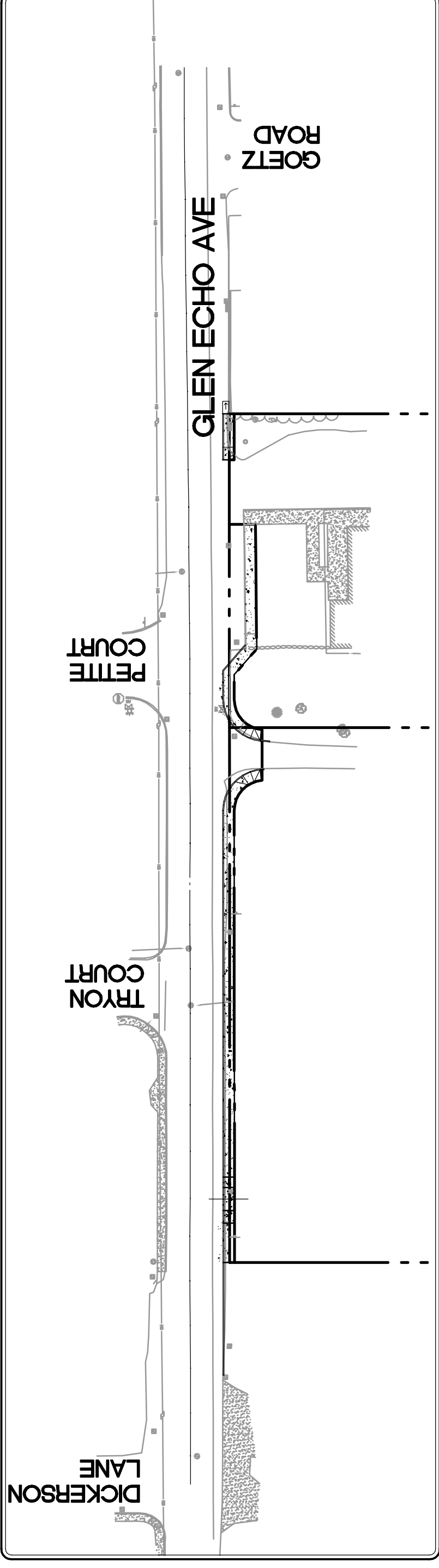
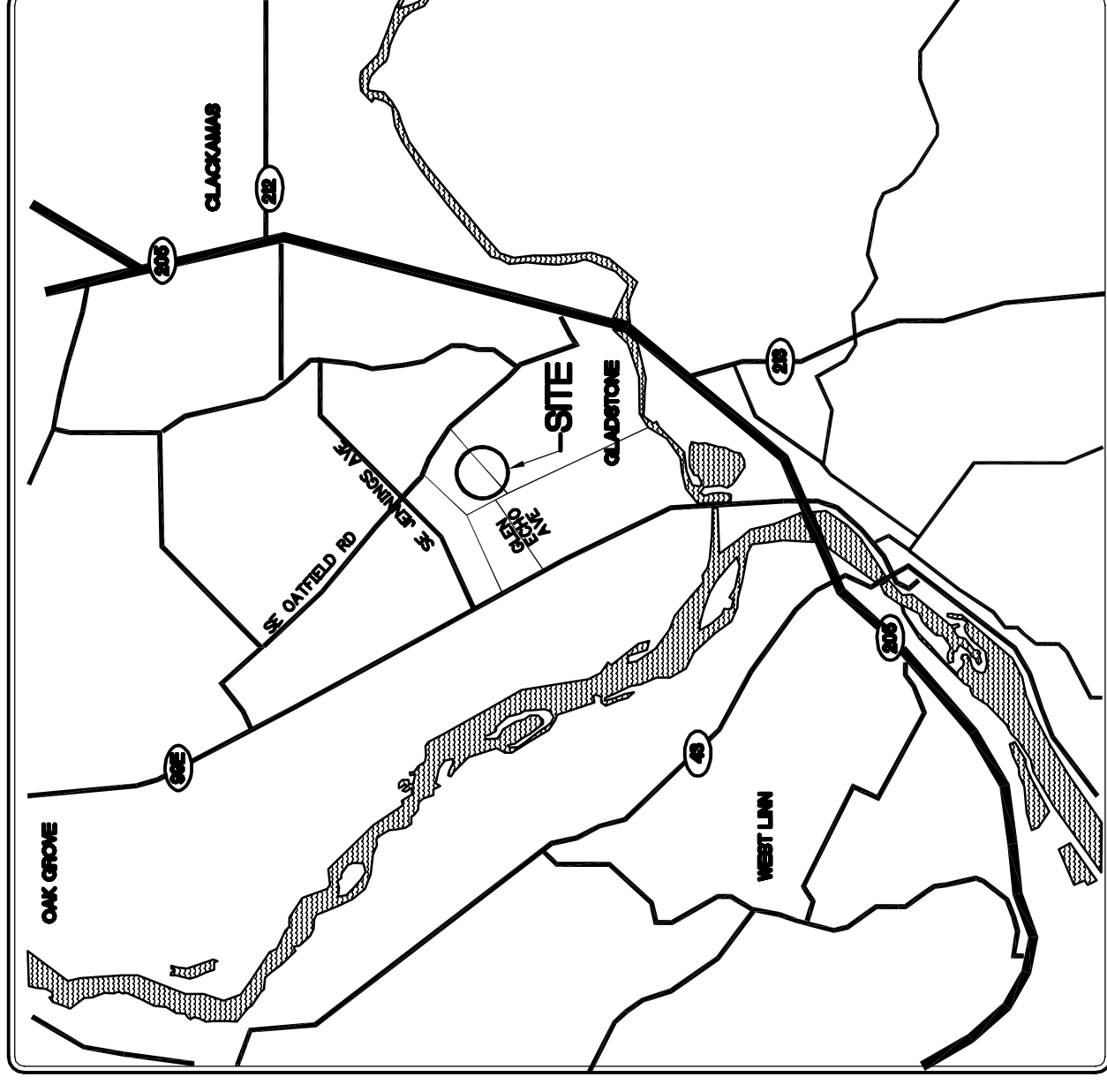


GRACE CHRISTIAN SCHOOL

PUBLIC SIDEWALK IMPROVEMENTS



PROJECT AREA
N.T.S.



VICINITY MAP
N.T.S.

INDEX OF DRAWINGS

R0	TITLE SHEET
R1	PLAN/PROFILE SHEET
R2	DETAIL SHEET

OWNER/APPLICANT/CONTACT

GRACE CHRISTIAN SCHOOL
ATTN: STEVEN PARKER
6460 GLEN ECHO AVE
GLADSTONE, OREGON 97027
P (503) 813-7224

SURVEYOR

ANDY PARIS AND ASSOCIATES INC.
16057 BOONES FERRY RD
LAKE OSWEGO, OR 97035
P (503) 636-3341

ENGINEER

GROUP MACKENZIE
ATTN: RALPH HENDERSON
1515 SE WATER AVE. #100
PORTLAND, OR 97293
P (503) 224-9560
F (503) 228-1285

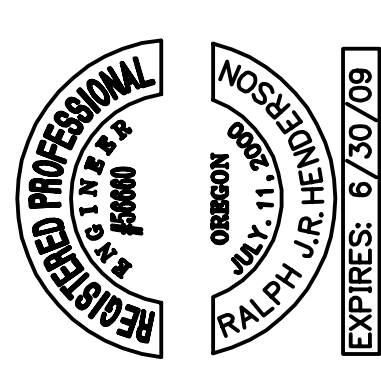
GENERAL NOTES

1. ALL WORK TO CONFORM TO CLATSOP COUNTY, CITY OF GLADSTONE, AND ADJACENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
2. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONFLICTS.
3. CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST 15 DAYS PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES DURING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY WITH CITY THAT ANY NECESSARY SLOPE, SIGNAGE AND SIDEWALK EASEMENTS ARE OBTAINED PRIOR TO CONSTRUCTION OF SIDEWALKS OR WORK OUTSIDE OF THE RIGHT-OF-WAY.
6. EXISTING MAILBOXES AND PAPER BOXES SHALL BE RELOCATED IF IMPACTED BY CONSTRUCTION. COORDINATE LOCATION WITH MAIL CARRIER.
7. CONTRACTOR TO RESTORE ALL AREAS IMPACTED BY CONSTRUCTION TO ORIGINAL CONDITIONS BY COMPLETION OF WORK.

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Vancouver WA 360.695.7879
 Portland OR 503.224.9560
 Landscaping Architecture
 Transportation Planning
 Structural Engineering
 Seattle WA 206.749.9983

Client
GRACE CHRISTIAN SCHOOL

Project
GRACE CHRISTIAN SCHOOL PUBLIC SIDEWALK IMPROVEMENTS



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REVISIONS:

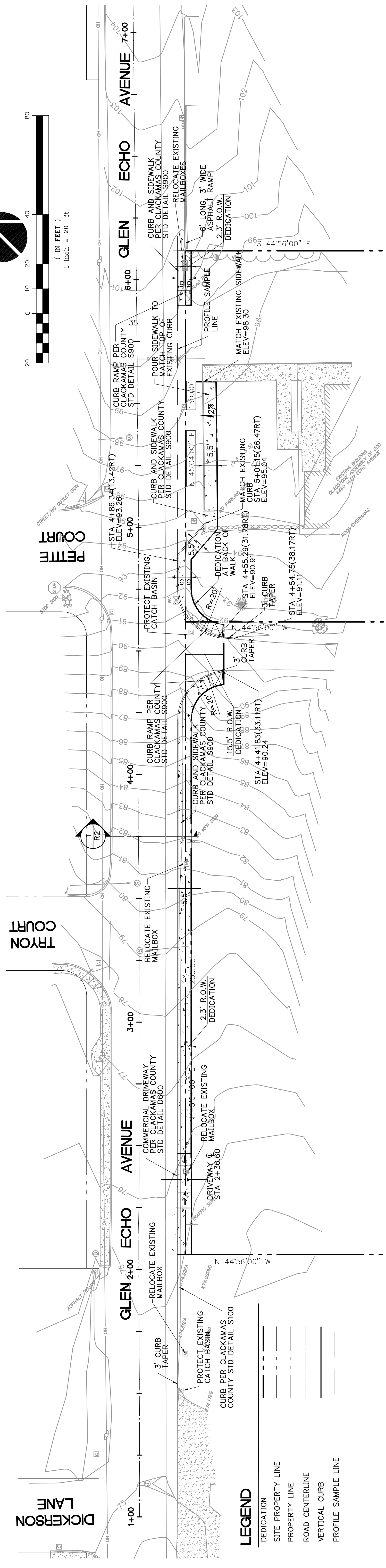
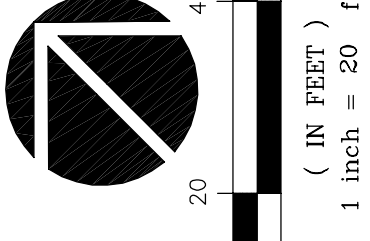
NO.	REVISION	REVISION DELTA	CLOSING DATE

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TITLE SHEET

DRAWN BY: MAZ
CHECKED BY: RUH
SHEET:

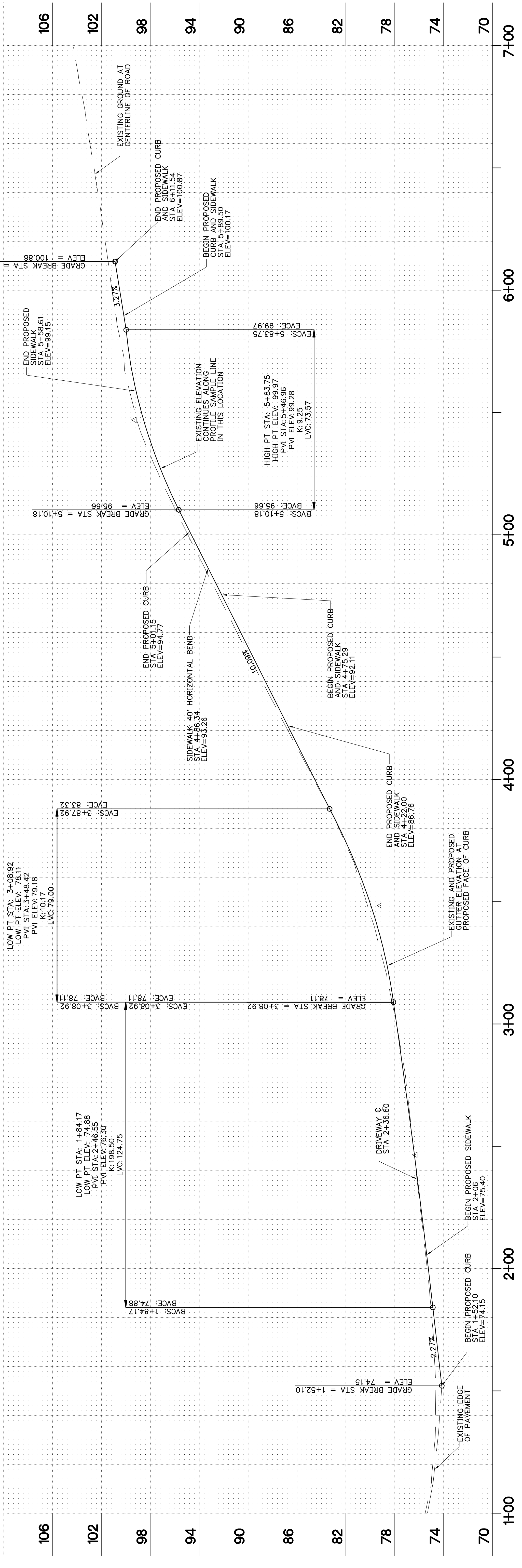
RO

Client
GRACE CHRISTIAN SCHOOL



1 GLEN ECHO AVENUE PLAN
 SCALE 1"=20'

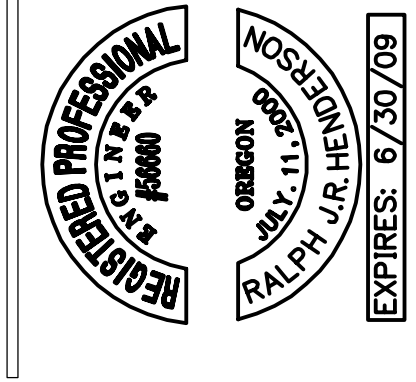
R1



2 GLEN ECHO AVENUE PROFILE
 HORIZ SCALE 1"=20'
 VERT SCALE 1"=4'

R1

Project
GRACE CHRISTIAN SCHOOL PUBLIC SIDEWALK IMPROVEMENTS



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REVISIONS:
 NO. 1 REVISIONS REVISION DATE
 THIS SHEET CLOSING DATE

SHEET TITLE
PLAN/PROFILE

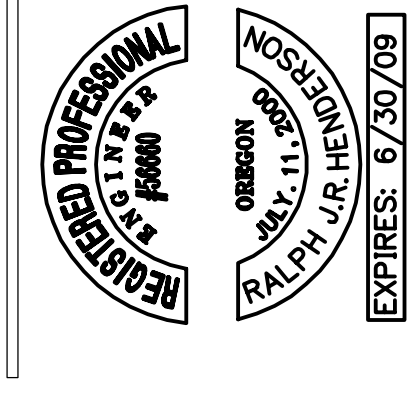
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 CHECKED BY: RUH
 SHEET:

R1

JOB NO. **2080005100**

Client
GRACE CHRISTIAN SCHOOL

Project
GRACE CHRISTIAN SCHOOL PUBLIC SIDEWALK IMPROVEMENTS



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REVISIONS:
 NO. 5 REVISIONS REVISION DELTA
 DATE THIS SHEET CLOSING DATE

SHEET TITLE:
DETAIL SHEET

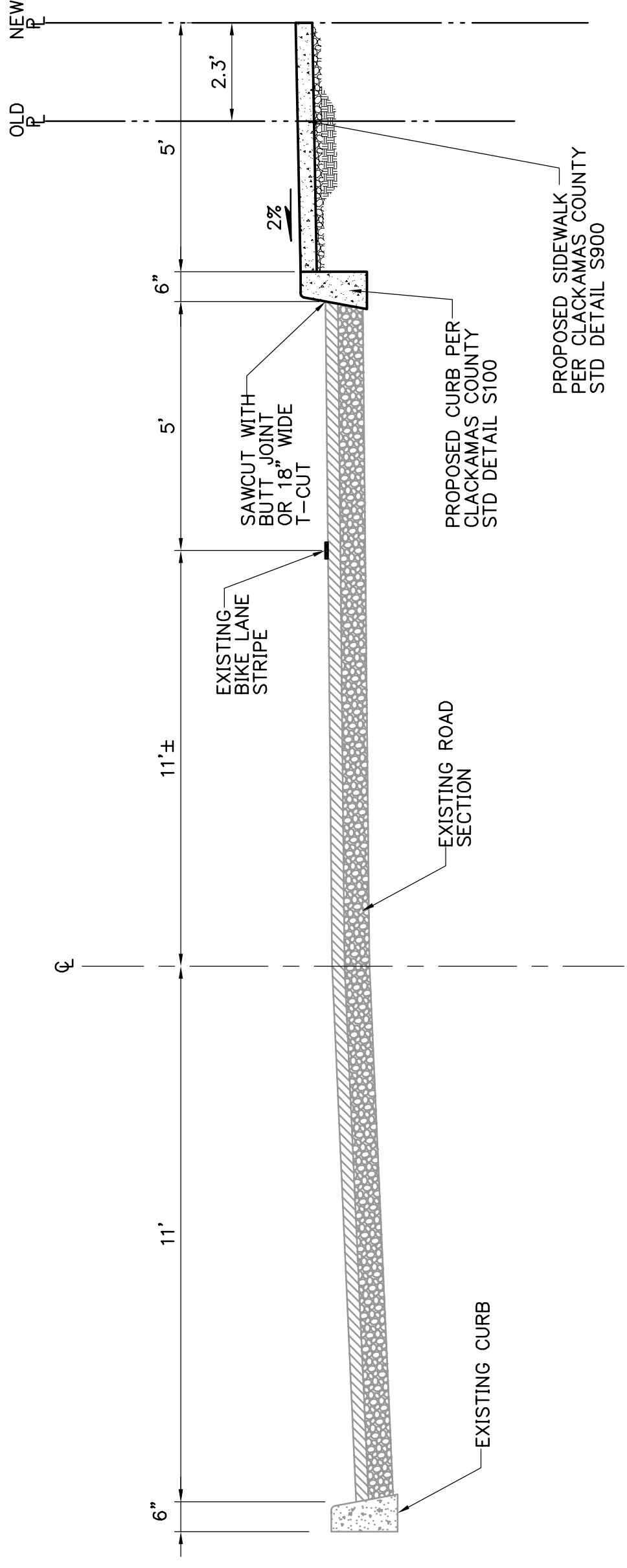
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R2

JOB NO. **208005100**

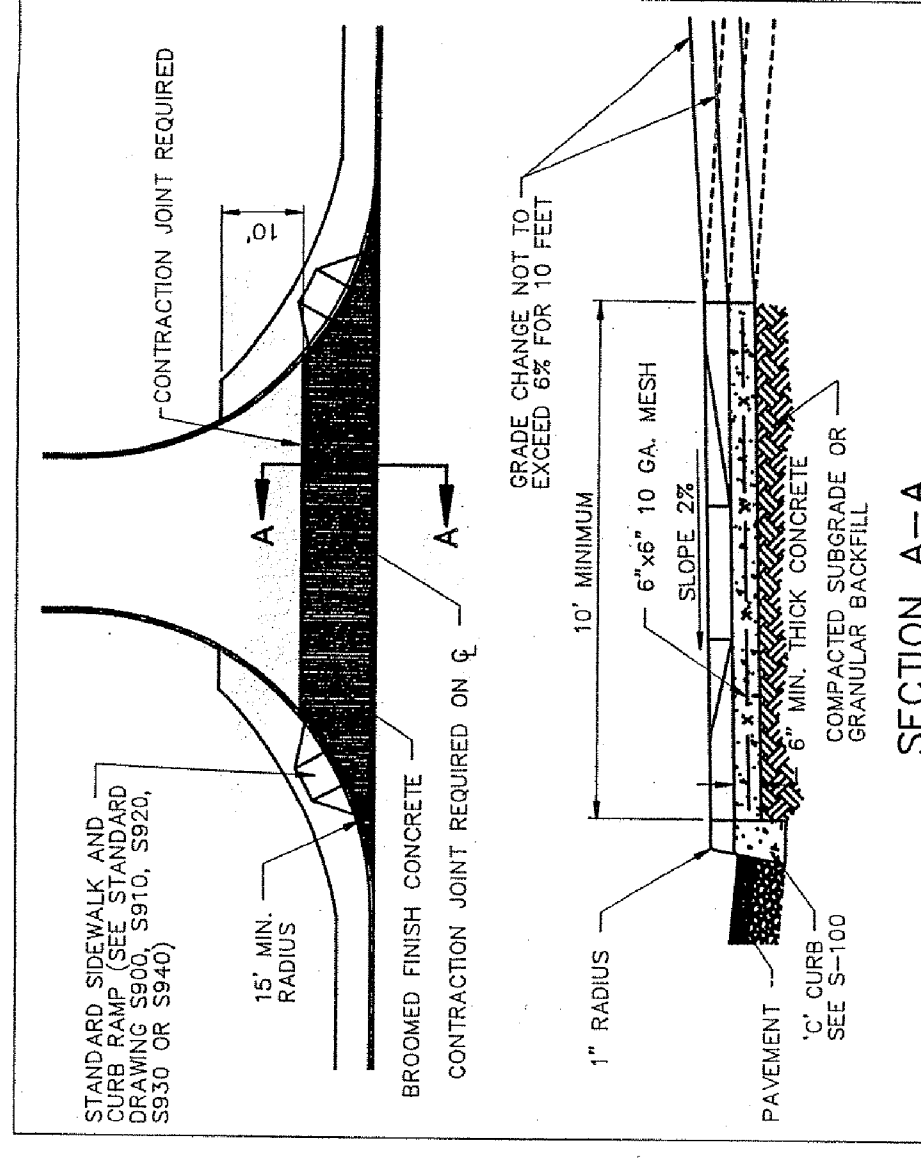
CITY RESUBMITTAL - AUGUST 20, 2008

THIS SURVEY INFORMATION WAS OBTAINED FROM A FIELD SURVEY BY ANDY PARIS & ASSOCIATES, INC. DATE: 12/7/07



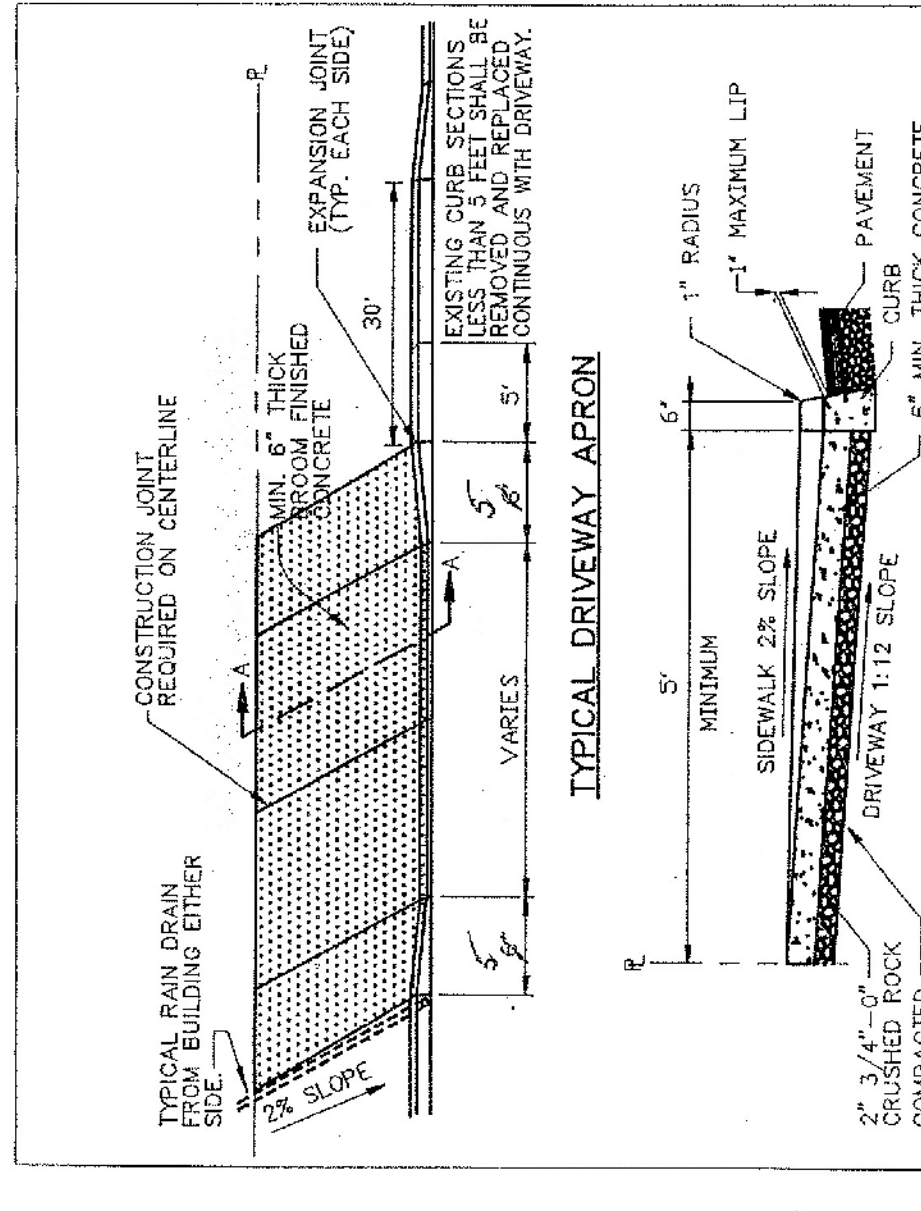
CURB EXPOSURE TO VARY FROM 6" TO 7" AS NECESSARY TO MAINTAIN SMOOTH TOP OF CURB PROFILE.

1 TYPICAL SECTION
R2 N.T.S.



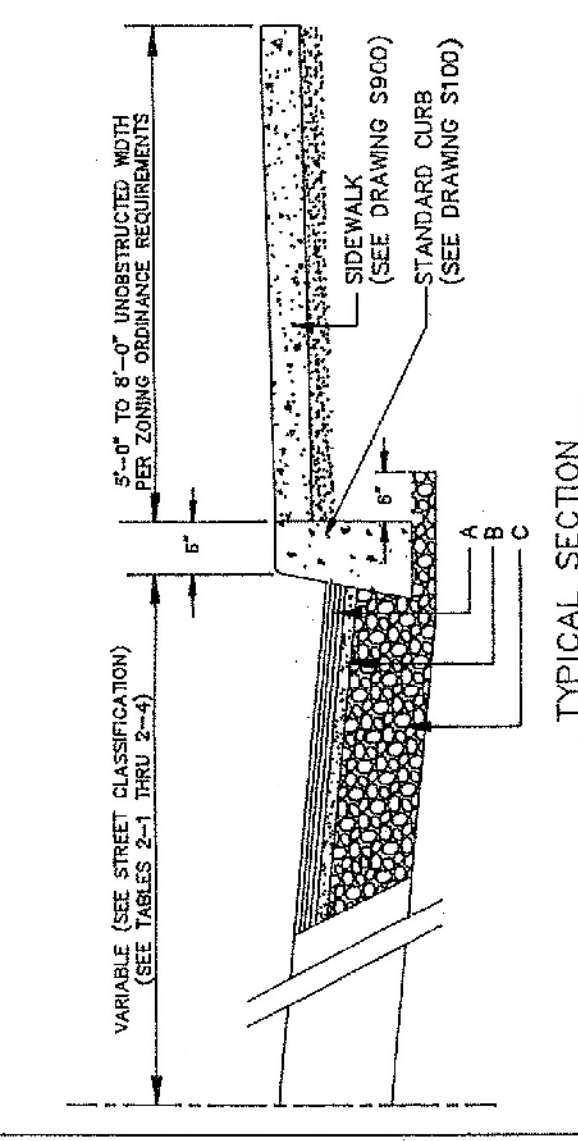
NOTES:
 1. LOCATION AND WIDTH TO BE APPROVED BY THE COUNTY ON A SITE SPECIFIC BASIS.
 2. SPECIFICATIONS FOR CONCRETE AND MISC. MATERIALS USED IN CONSTRUCTION SHALL CONFORM TO CURRENT APWA STANDARD SPECIFICATIONS.
 3. CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT APPROACH INSTALLATION SHALL BE REPLACED OR REPAIRED TO SATISFACTION OF THE COUNTY.
 4. DAMAGE TO EXISTING CURBS AND PAVEMENT CAUSED AS A RESULT OF DRIVEWAY APPROACH INSTALLATION SHALL BE REPLACED OR REPAIRED TO SATISFACTION OF THE COUNTY.
 5. EXPOSED AGGREGATE FINISH NOT ALLOWED.

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
D300



NOTES:
 1. LOCATION AND WIDTH TO BE APPROVED BY THE COUNTY ON A SITE SPECIFIC BASIS.
 2. MATERIALS USED IN CONSTRUCTION SHALL CONFORM TO CURRENT APWA STANDARD SPECIFICATIONS.
 3. AT CORNER LOTS, DRIVEWAY ENTRANCE MUST BE PLACED ON THE SECONDARY ROADWAY PROPERTY CORNER OR INTERSECTION OF RIGHT-OF-WAY LINES.
 4. A MINIMUM OF 30 FEET MUST SEPARATE DRIVEWAY APPROACHES ON PREMISES.
 5. INSTALLATION SHALL BE PER STANDARD DRAWING D-200.
 6. SIGHT DISTANCE PER STANDARD DRAWING D-200.

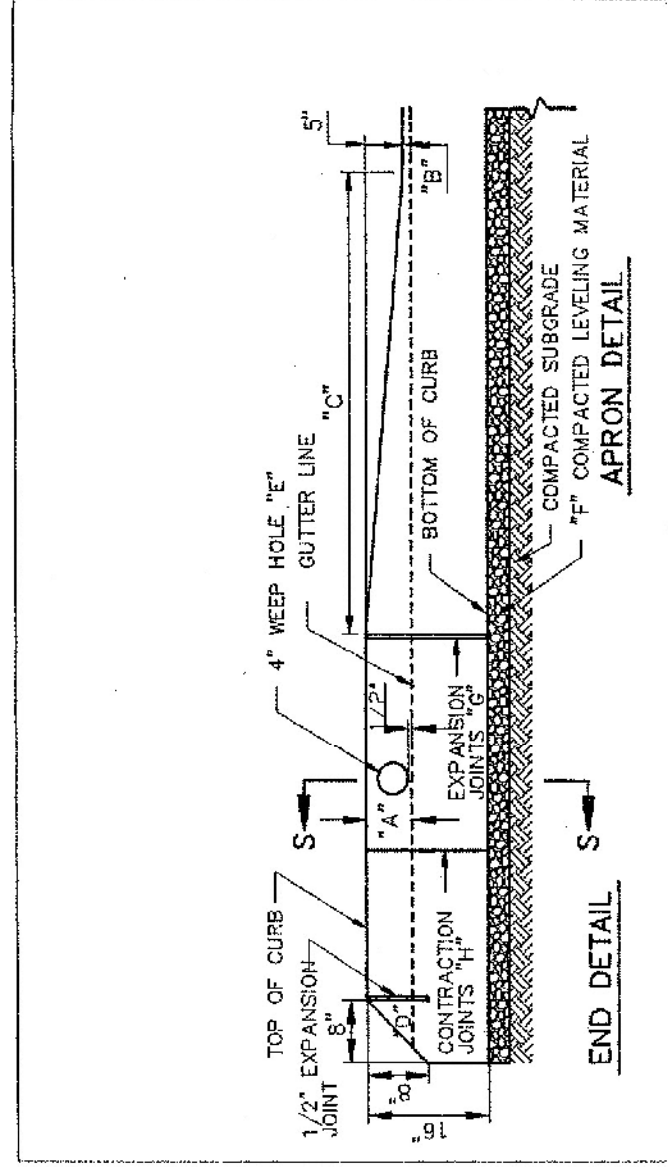
CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
D600



FUNCTIONAL CLASSIFICATION	ASPHALTIC CONCRETE	AGGREGATE COURSE (1 1/2\"/>		
LOCAL	3"	3"	6"	REQUIRED
COLLECTOR	4"	3"	9"	REQUIRED
COMMERCIAL	4"	4"	10"	REQUIRED
RESIDENTIAL & COMMERCIAL	4"	4"	10"	REQUIRED

NOTES:
 1. ASPHALTIC CONCRETE TO BE OSHD CLASS "B" PLACED IN TWO LIFTS. NO SINGLE LIFT SHALL EXCEED 2" IN THICKNESS.
 2. THE FINAL LIFT OF ASPHALTIC CONCRETE SHALL NOT BE PLACED ON LOCAL STREETS UNTIL 90% OF THE LOTS WITHIN THE DEVELOPMENT ARE COMPLETE.
 3. MATERIAL AND INSTALLATION SHALL CONFORM TO CURRENT APWA STANDARD SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
 4. CURBS, SIDEWALKS, STREET SURFACING, AND DRAINAGE FACILITIES SHALL BE REQUIRED. THE WIDTH AND EXTENT OF THE IMPROVEMENT SHALL BE DETERMINED BY THE DEPARTMENT OF TRANSPORTATION & DEVELOPMENT ACCORDING TO STREET CLASSIFICATION.
 5. THE DEPARTMENT OF TRANSPORTATION & DEVELOPMENT SHALL BE REQUIRED TO CLASSIFY.

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
STREET STRUCTURAL SECTION
C100



NOTES:
 1. "A" CURB EXPOSURE STANDARD 6".
 2. "A" VARY AS SHOWN ON TYPICAL SECTION.
 3. "B" CURB EXPOSURE ADJACENT TO DRIVEWAY.
 4. "C" STANDARD 1" OR AS DIRECTED.
 5. "D" 5" MIN. OR AS DIRECTED.
 6. "E" 5" MIN. OR AS DIRECTED.
 7. "F" 5" MIN. OR AS DIRECTED.
 8. "G" 5" MIN. OR AS DIRECTED.
 9. "H" 5" MIN. OR AS DIRECTED.
 10. "I" 5" MIN. OR AS DIRECTED.
 11. "J" 5" MIN. OR AS DIRECTED.
 12. "K" 5" MIN. OR AS DIRECTED.
 13. "L" 5" MIN. OR AS DIRECTED.
 14. "M" 5" MIN. OR AS DIRECTED.
 15. "N" 5" MIN. OR AS DIRECTED.
 16. "O" 5" MIN. OR AS DIRECTED.
 17. "P" 5" MIN. OR AS DIRECTED.
 18. "Q" 5" MIN. OR AS DIRECTED.
 19. "R" 5" MIN. OR AS DIRECTED.
 20. "S" 5" MIN. OR AS DIRECTED.
 21. "T" 5" MIN. OR AS DIRECTED.
 22. "U" 5" MIN. OR AS DIRECTED.
 23. "V" 5" MIN. OR AS DIRECTED.
 24. "W" 5" MIN. OR AS DIRECTED.
 25. "X" 5" MIN. OR AS DIRECTED.
 26. "Y" 5" MIN. OR AS DIRECTED.
 27. "Z" 5" MIN. OR AS DIRECTED.

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
STANDARD VERTICAL CURB TYPE "C"
S100