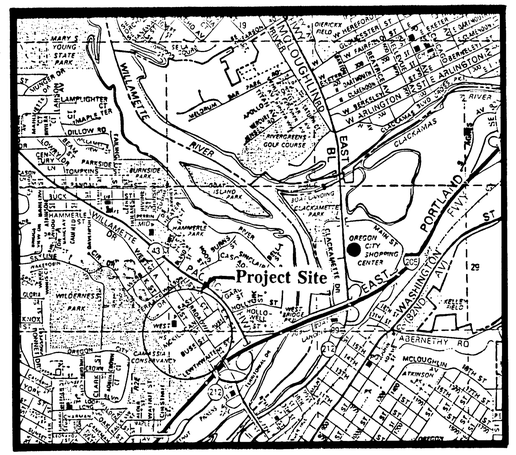
WEST "A" STREET ROADWAY IMPROVEMENTS

GENERAL NOTES

1 TEMPORARY BENCHMARK: RAILROAD SPIKE IN POWER POLE IN NORTHWEST QUADRANT OF WEST "A" STREET & SKYLINE DRIVE.
ELEV. = 246.84

2 ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF WEST LINN STANDARD CONSTRUCTION SPECIFICATIONS AND DRAWINGS.



Vicinity map

SHEET INDEX

1 TYPICAL SECTION
2 STA. 7+00 TO STA. 9+90
3 STA. 9+90 TO STA. 14+00
4 STA. 14+00 TO STA. 18+00
5 STA. 18+00 TO STA. 22+00
6 STA. 22+00 TO STA. 25+68.17
7 SIDE STREET PROFILES
8 METER VAULT & DCVA VAULT RELOCATION DETAIL
9 DETAILS

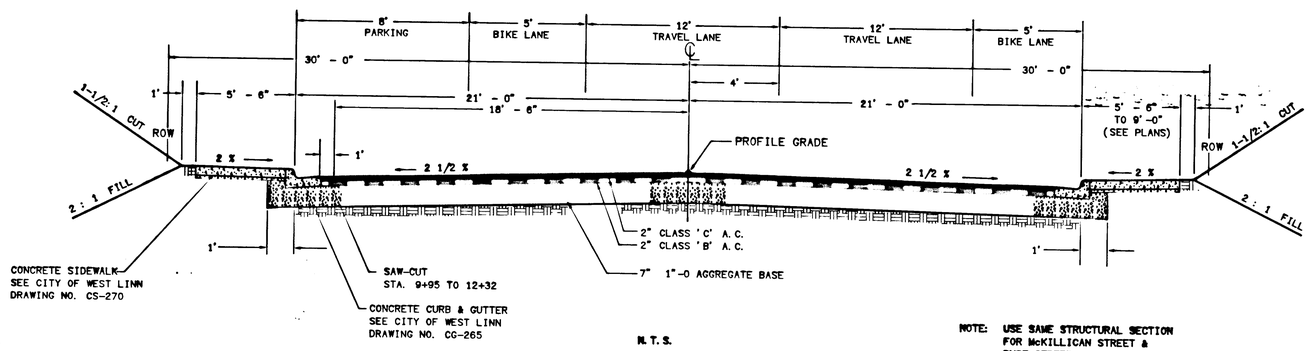
Prepared For

WEST LINN SCHOOL DISTRICT

APRIL, 1990

PREPARED BY
DAVID J. NEWTON ASSOCIATES
INCORPORATED
CIVIL & GEOLOGICAL ENGINEERING
PORTLAND, OREGON

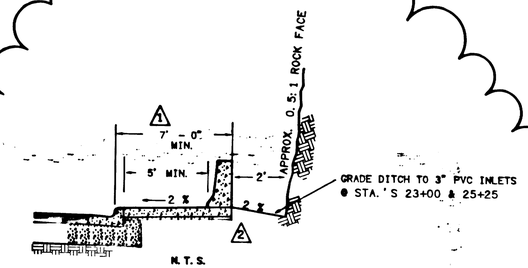
AS BUILT
FEB 1991



N.T.S.

NOTE: USE SAME STRUCTURAL SECTION FOR McKILLICAN STREET & BUSE STREET

REMOVAL OF EXISTING ASPHALT AND AGGREGATE SECTION TO BE PAID FOR UNDER THE ITEM "UNCLASSIFIED EXCAVATION"



N.T.S.

SIDEWALK SECTION WITH CONC. BARRIER

STA. 21+75 TO STA. 25+25

INSTALL PRECAST CONCRETE SHOULDER BARRIER, NARROW BASE TONGUE AND GROOVE (ODOT STANDARD DRAWING NO. 2133)

3 CONSTRUCT A LONGITUDINAL CONTRACTION JOINT IN THE SIDEWALK 3/8" WIDE BY 1" DEEP ALONG THE FACE OF THE CONCRETE BARRIER TO MAKE CERTAIN THAT ANY POTENTIAL CRACKING DUE TO THE WEIGHT OF THE BARRIER WILL OCCUR IN THE JOINT. THIS WORK SHALL BE INCIDENTAL TO THE CONCRETE BARRIER.

(BY OTHERS)

WEST "A" STREET
TYPICAL CROSS SECTION
STA. 9+95 TO STA. 25+68.17
FULL RECONSTRUCTION
STA. 15+50 TO 25+68.17

AS BUILT
FEB 1991

302 DW 11 DW AST-CLDWG

JAS DESIGNED	4/90 DATE
JAS DRAWN	4/90 DATE
JPR CHECKED	4/90 DATE

REVISIONS
1 ADDENDUM #1 5/30/90
2 ADDENDUM #1 5/30/90
3 ADDENDUM #1 5/30/90

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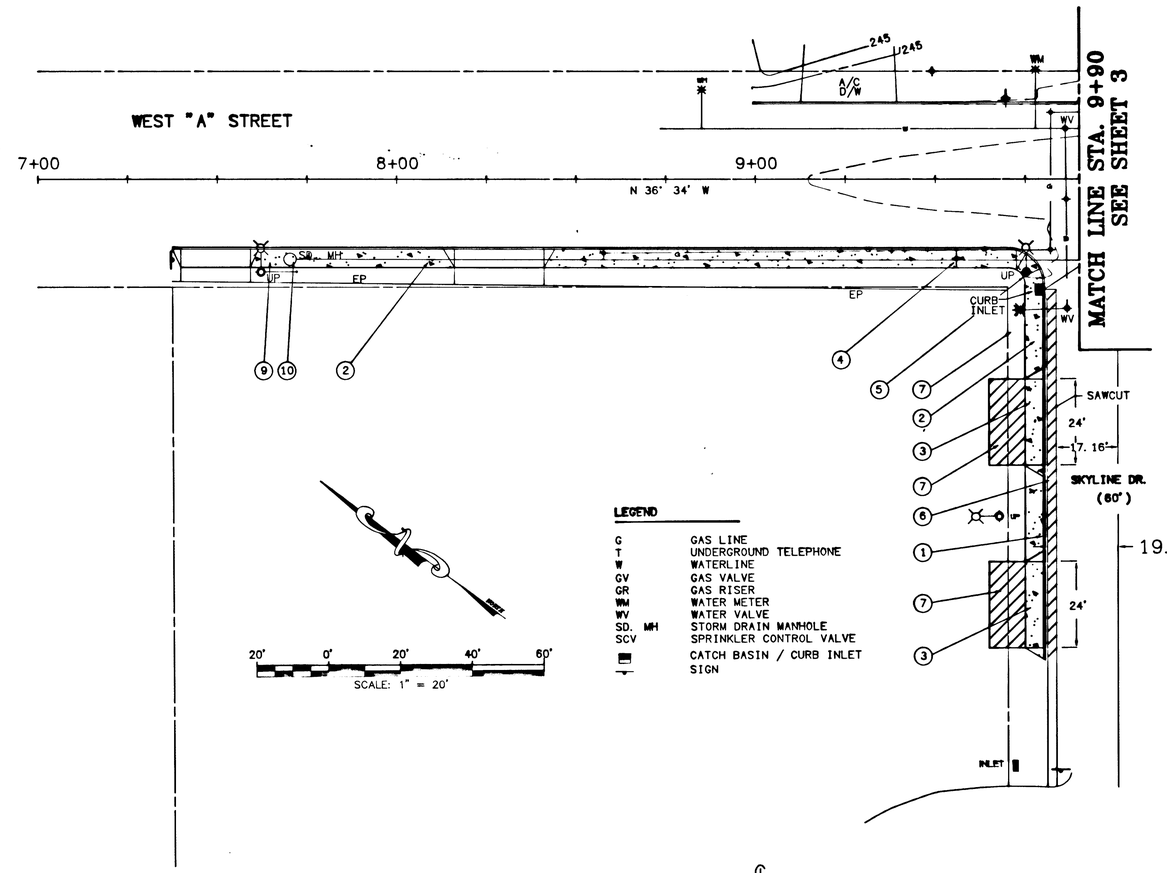
REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON JULY 26, 1988 JONATHAN P. REIMANN 2/6/91

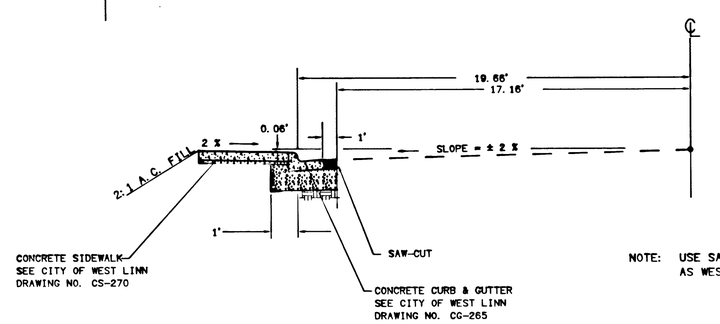
WEST "A" STREET
ROADWAY IMPROVEMENTS
TYPICAL CROSS SECTION

SHEET NO.
1 OF 9

PROJECT NO.
302 DW 11

1. CONST. STAND. CONC. CURB AND GUTTER (SEE CITY OF WEST LINN STANDARD DRAWING NO. CG-265)
2. CONST. STAND. CONC. SIDEWALK (SEE CITY OF WEST LINN STANDARD DRAWING NO. CS-270)
3. CONST. STAND. CONC. RESIDENTIAL DRIVEWAY (SEE CITY OF WEST LINN STANDARD DRAWINGS NO. DW-250 AND DW-251)
4. RELOCATE EXIST. SIGN BEHIND SIDEWALK ON NEW BASE, AND RELOCATE "END BIKELANE" SIGN TO END OF PROJECT. (BY OTHERS)
5. RELOCATE EXIST. UTILITY POLE (BY OTHERS)
6. SAW-CUT AND REPLACE EXIST. A.C. TO MATCH NEW CURB AND GUTTER (SEE TYPICAL SECTION THIS SHEET)
7. SAWCUT AND REMOVE A.C. UNDER PROPOSED SIDEWALK (INCIDENTAL TO CLEARING AND GRUBBING). OVERLAY TO MATCH EXISTING A.C. BEHIND SIDEWALK.
8. CONST. SIDEWALK RAMP (INCIDENTAL TO SIDEWALK) SEE CITY OF WEST LINBN DETAIL CS-271.
9. RELOCATE EXISTING MAILBOX ON NEW MAILBOX SUPPORT ASSEMBLY (SEE SHEET 9 FOR DETAIL)
10. ADJUST EXISTING MANHOLE RIM TO FINISHED GRADE.





NOTE: USE SAME STRUCTURAL SECTION AS WEST "A" STREET

TYPICAL SECTION SKYLINE DRIVE

AS BUILT
FEB 1991

JAS DESIGNED	4/90 DATE
JAS DRAWN	4/90 DATE
JPR CHECKED	4/90 DATE

REVISIONS

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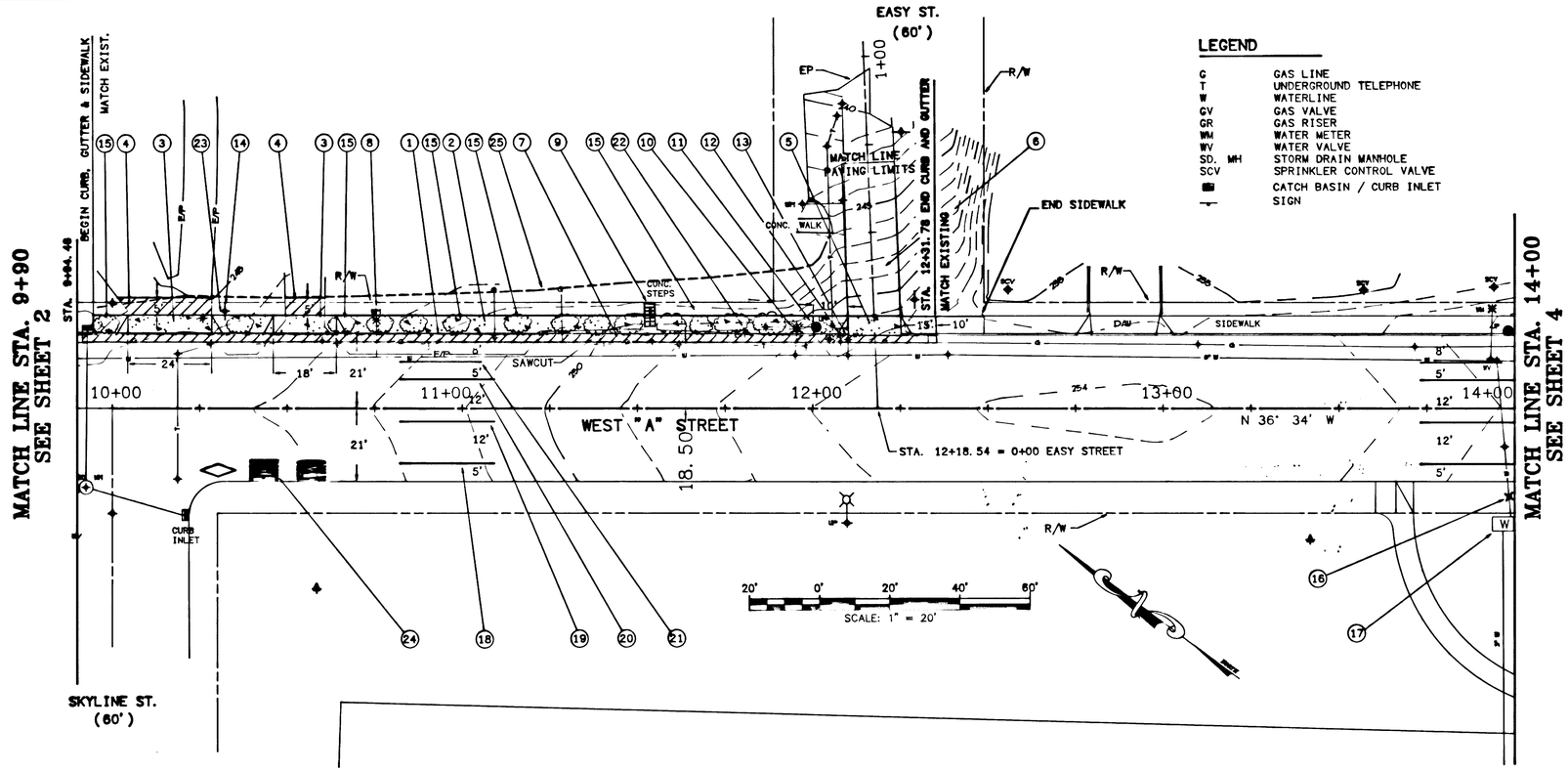
WEST "A" STREET
ROADWAY IMPROVEMENTS
PLAN

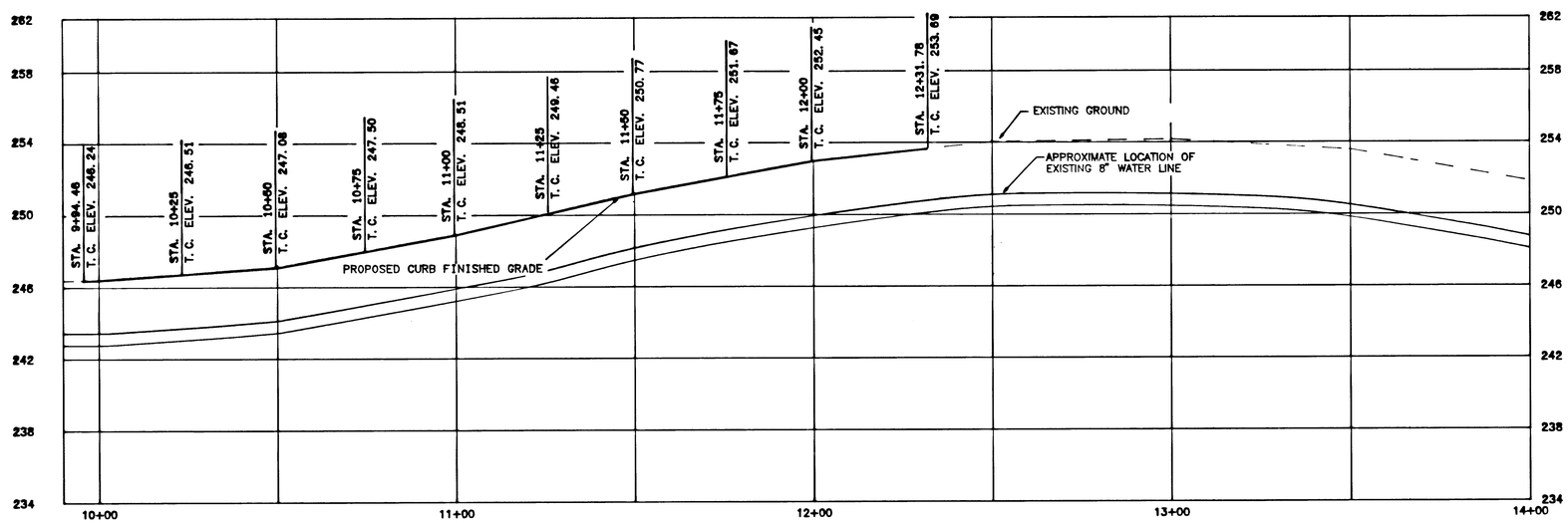
SHEET NO.
2 OF 9

PROJECT NO.
302 DW 11

302 DW 11 DW AST-C2.DWG

1. CONST. STAND. CONC. CURB AND GUTTER (CITY OF WEST LINN STANDARD DWG NO. CS-265)
2. CONST. STAND. CONC. SIDEWALK (CITY OF WEST LINN STAND. DWG NO. CS-270 & CS-270.1)
3. CONST. STAND. CONC. RESIDENTIAL DRIVEWAY (CITY OF WEST LINN STAND. DWG NO. DW-250 & DW-251)
4. SAW-CUT AND REPLACE EXIST. A.C. TO MATCH NEW CONC. DRIVEWAY (INCIDENTAL TO DRIVEWAY WORK)
5. CONST. CONC. RESIDENTIAL DRIVEWAY SLOPE CONC. DOWN 2% TO BACK OF SIDEWALK PROVIDE 7.5' TAPER PANELS TO MATCH SIDEWALK LT AND RT (CITY OF WEST LINN STAND. DWG NO. DW-250 & DW-251)
6. RECONSTRUCT DRIVEWAY TO LIMITS SHOWN (SEE PROFILE, SHEET 7) PAVEMENT SECTION: 2" A.C., 4" 1"-0" CRUSHED ROCK.
7. SAW-CUT AND REPLACE EXIST. A.C. TO MATCH NEW CONC. CURB AND GUTTER (INCIDENTAL WORK)
8. RELOCATE WATER METER BEHIND SIDEWALK
9. REMOVE AND REPLACE EXIST. CONC. STAIRS (SEE DETAIL, SHEET 9) (INCIDENTAL TO SIDEWALK) SALVAGE AND USE EXIST. RAILING FOR NEW STAIRS
10. REPLACE EXISTING FIRE HYDRANT WITH NEW 6" FIRE HYDRANT (PAID FOR BY CITY). LOCATED BEHIND SIDEWALK.
11. RELOCATE EXIST. UTILITY POLE (BY OTHERS)
12. RELOCATE EXIST. GAS VALVE (BY OTHERS)
13. ADJUST EXIST. WATER VALVE (INCIDENTAL WORK)
14. RELOCATE EXIST. SIGN ON NEW BASE (BY OTHERS)
15. REMOVE AND REPLACE EXIST. LANDSCAPING (INCIDENTAL TO CLEARING AND GRUBBING)
16. ABANDON EXIST. WATER METER (SEE DETAIL SHEET 8)
17. RELOCATE EXIST DOUBLE CHECK VALVE ASSEMBLY AND VAULT (SEE DETAIL SHEET 8)
18. INSTALL 8" WHITE PAINT STRIPE (BY OTHERS)
19. INSTALL 2-4" YELLOW PAINT STRIPES (BY OTHERS)
20. INSTALL 8" WHITE PAINT STRIPE (BY OTHERS)
21. INSTALL 8" WHITE PAINT STRIPE (BY OTHERS)
22. RELOCATE EXISTING MAILBOX ON NEW MAILBOX SUPPORT ASSEMBLY (SEE SHEET 9 FOR DETAILS)
23. RELOCATE EXISTING MAILBOXES ON NEW MAILBOX SUPPORT ASSEMBLY (SEE SHEET 9 FOR DETAILS)
24. INSTALL BIKE SYMBOL (PAINTED WHITE) AS PER ODOT STANDARDS (SEE ODOT STANDARD DRAWING NO. S-16) (BY OTHERS)
25. APPROXIMATE LOCATION OF CATCH POINT FOR PROPOSED SIDEWALK





AS BUILT FEB 1991

JAS	4/90
DESIGNED	DATE
JAS	4/90
DRAWN	DATE
JPR	4/90
CHECKED	DATE

REVISIONS

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REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON JULY 29, 1987 JONATHAN P. RICHMAN 2/6/91

WEST "A" STREET

ROADWAY IMPROVEMENTS

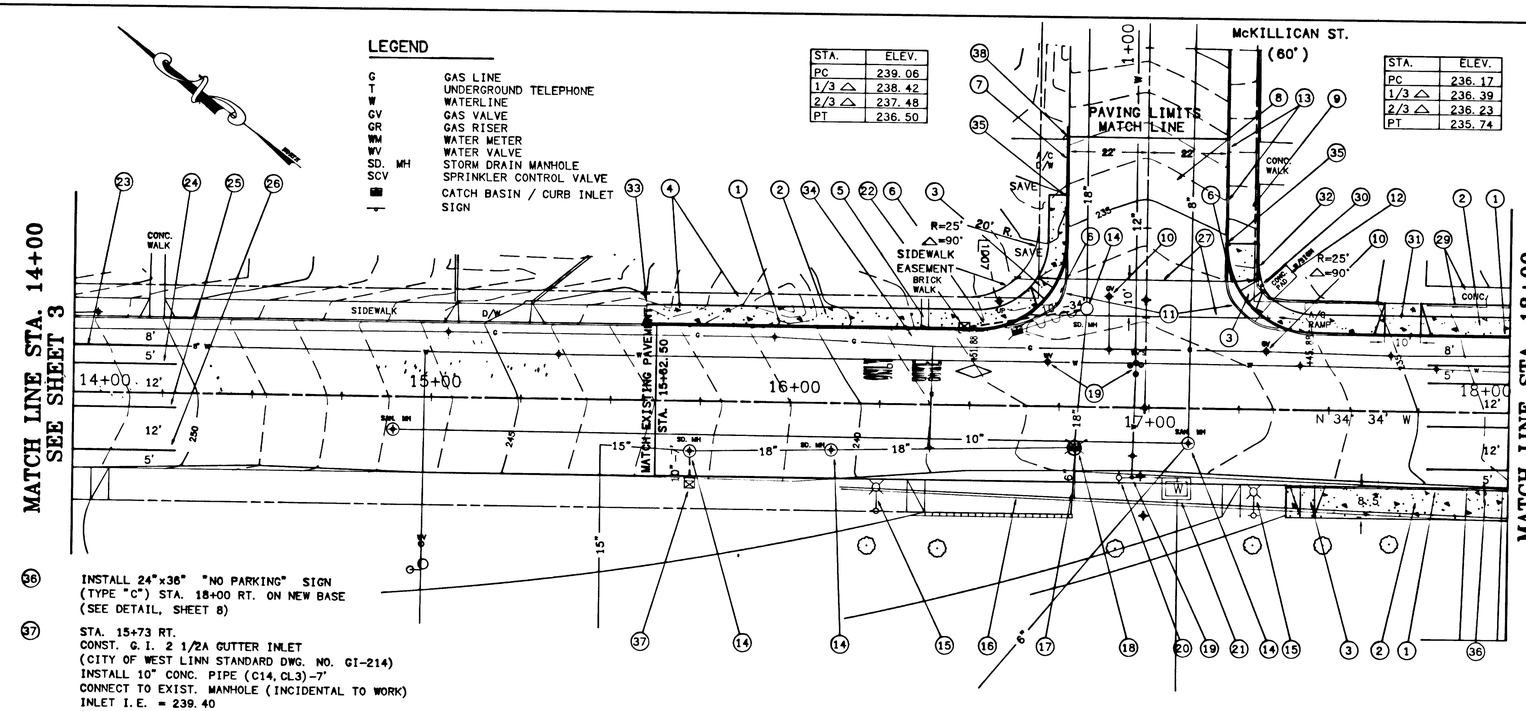
PLAN & PROFILE

SHEET NO. 3 OF 9

PROJECT NO. 302 DW 11

302 DW 11 DW AST-C3.DWG

1. CONST. STAND. CONC. CURB AND GUTTER (CITY OF WEST LINN STANDARD DWG NO. CS-265)
2. CONST. STAND. CONC. SIDEWALK (CITY OF WEST LINN STAND. DWG NO. CS-270 & CS-270. 1)
3. CONST. SIDEWALK RAMP (INCIDENTAL TO SIDEWALK) (CITY OF WEST LINN STAND. DWG NO. CS-271)
4. REMOVE EXIST. TREE AS SHOWN
5. REMOVE SECTION OF BRICK WALK TO BACK OF SIDEWALK (INCIDENTAL TO CLEARING AND GRUBBING)
6. RELOCATE EXIST. SIGN ON NEW BASE (BY OTHERS)
7. PROVIDE CURB DROP FOR EXIST. DRIVEWAY
8. RECONSTRUCT FULL WIDTH SECTION OF MCKILLICAN STREET TO LIMITS SHOWN (SEE PROFILES, SHEET 7)
9. EXIST. 7. 5' CONC. SIDEWALK AND CURB TO REMAIN.
10. ADJUST EXIST. GAS VALVE (INCIDENTAL WORK)
11. REMOVE EXIST. CURB (INCIDENTAL TO CLEARING AND GRUBBING)
12. TAPER SIDEWALK TO MATCH EXIST. CONC. PAD (INCIDENTAL WORK)
13. TAPER CROSS SLOPE 5' FROM EXISTING CURB TO PROVIDE 6" OF CURB EXPOSURE (INCIDENTAL WORK)
14. ADJUST EXIST. MANHOLE
15. REMOVE EXIST. LIGHT POLE AND BASE (BY OTHERS)
16. DISMANTLE EXIST. STONE WALL AND SUPPLY TO SCHOOL FOR POSSIBLE RELOCATION (INCIDENTAL TO CLEARING AND GRUBBING)
    REMOVE EXIST. CURB AND SIDEWALK (INCIDENTAL TO CLEARING AND GRUBBING)
17. CONNECT PROPOSED TRENCH DRAIN TO EXISTING CATCH BASIN 6" PVC-20' (PER ASTM D3033 & D3034)
18. REMOVE EXIST. CATCH BASIN AND REPLACE WITH STAND. SHALLOW MANHOLE (CITY OF WEST LINN STAND. DWG. NO. MH-210) DEPTH FROM INVERT TO RIM IS APPROX. 5. 6'
19. ADJUST EXIST. WATER VALVE (INCIDENTAL WORK)
20. RELOCATE EXIST. FIRE HYDRANT (SEE DETAIL, SHEET 8)
21. RELOCATE EXIST. METER VAULT (SEE DETAIL, SHEET 8)
22. STA. 16+48, LT.
    CONST. G. I. 2 1/2A GUTTER INLET
    (CITY OF WEST LINN STANDARD DWG NO. GI-214)
    INST. 10" CONC. PIPE (C14, CL 3) - 34'
    CONNECT TO EXIST. MANHOLE (INCIDENTAL TO PIPE)
    VERIFY LOCATION OF EXIST. UTILITIES PRIOR TO CONSTRUCTION
23. INSTALL 8" WHITE BIKELANE STRIPE (NO STRIPE THRU INTERSECTION) (BY OTHERS)
24. INSTALL 8" WHITE BIKELANE STRIPE (NO STRIPE THRU INTERSECTION). (BY OTHERS)
25. INSTALL 2-4" YELLOW BIKELANE STRIPES (NO STRIPE THRU INTERSECTION). (BY OTHERS)
26. INSTALL 8" WHITE BIKELANE STRIPE (NO STRIPE THRU INTERSECTION). (BY OTHERS)
27. INSTALL PEDESTRAIN CROSSWALK WITH 2-12" WHITE PAINT STRIPES SPACED AT 10' (BY OTHERS)
28. INSTALL PEDESTRIAN CROSSWALK WITH 12"x10' WIDE WHITE PAINT STRIPES SPACED AT 5' AS SHOWN.(BY OTHERS)
29. REMOVE EXISTING SIDEWALK & CURB AND REPLACE WITH 6" OF TOPSOIL (INCIDENTAL TO CLEARING AND GRUBBING)
30. REMOVE EXISTING SPRINKLER HEADS (CONTRACTOR TO) COORDINATE RELOCATION WITH PROPERTY OWNERS) (INCIDENTAL WORK)
31. CONST. STANDARD RESIDENTIAL DRIVEWAY (SEE CITY OF WEST LINN STANDARD DRAWING NO. DW-250 AND DW-251)
32. TAPER SIDEWALK FROM STANDARD 5' WIDTH TO MATCH EXISTING SIDEWALK (APPROXIMATELY 7. 5' WIDE) (INCIDENTAL WORK) BEGIN AND END SIDEWALK TRANSITION AT THE CURB RETURNS
33. MATCH EXISTING SIDEWALK AND CURB
34. INSTALL BIKE SYMBOL(PAINTED WHITE) AS PER ODOT STANDARD DRAWING NO. S-16 (BY OTHERS)
35. END SIDEWALK



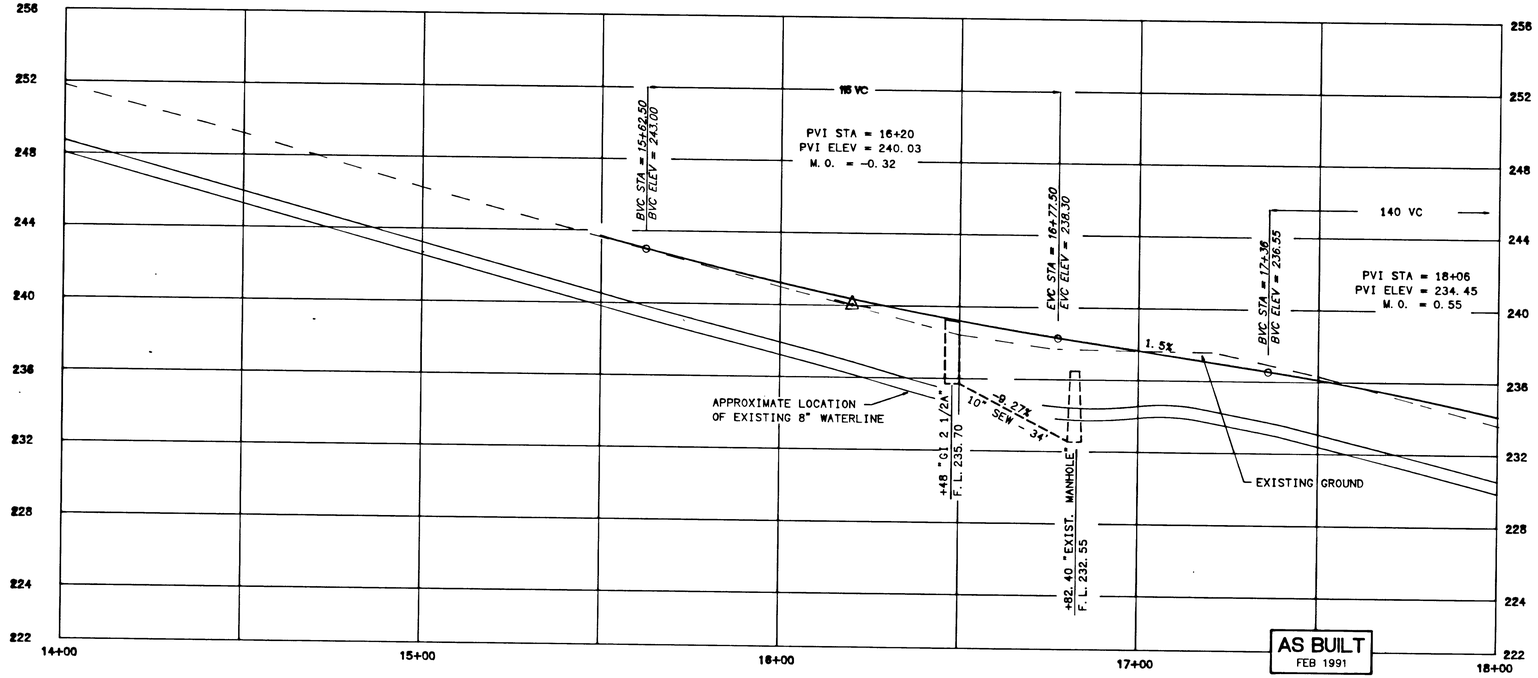
STA.	ELEV.
PC	239. 06
1/3 △	238. 42
2/3 △	237. 48
PT	236. 50

STA.	ELEV.
PC	236. 17
1/3 △	236. 39
2/3 △	236. 23
PT	235. 74

36. INSTALL 24"x36" "NO PARKING" SIGN (TYPE "C") STA. 18+00 RT. ON NEW BASE (SEE DETAIL, SHEET 8)
37. STA. 15+73 RT.
    CONST. G. I. 2 1/2A GUTTER INLET
    (CITY OF WEST LINN STANDARD DWG. NO. GI-214)
    INSTALL 10" CONC. PIPE (C14, CL3)-7'
    CONNECT TO EXIST. MANHOLE (INCIDENTAL TO WORK)
    INLET I.E. = 239. 40
    (COORDINATE CONST. OF INLET WITH ON-SITE CONTRACTOR)
    VERIFY MANHOLE INVERT PRIOR TO CONSTRUCTION
38. END CURB AND GUTTER

REMOVE STRUCTURE SHOWN THUS (INCIDENTAL TO CLEARING & GRUBBING)
REMOVE PIPE SHOWN THUS (INCIDENTAL TO CLEARING & GRUBBING)

20' 0' 20' 40' 60'
SCALE: 1" = 20'



JAS	4/90
DESIGNED	DATE
JAS	4/90
DRAWN	DATE
JPR	4/90
CHECKED	DATE

REVISIONS

DAVID J. NEWTON ASSOCIATES
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REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON MAY 28, 1987 JONATHAN P. RICE
2/6/91

WEST "A" STREET

ROADWAY IMPROVEMENTS

PLAN & PROFILE

SHEET NO.
4 OF 9

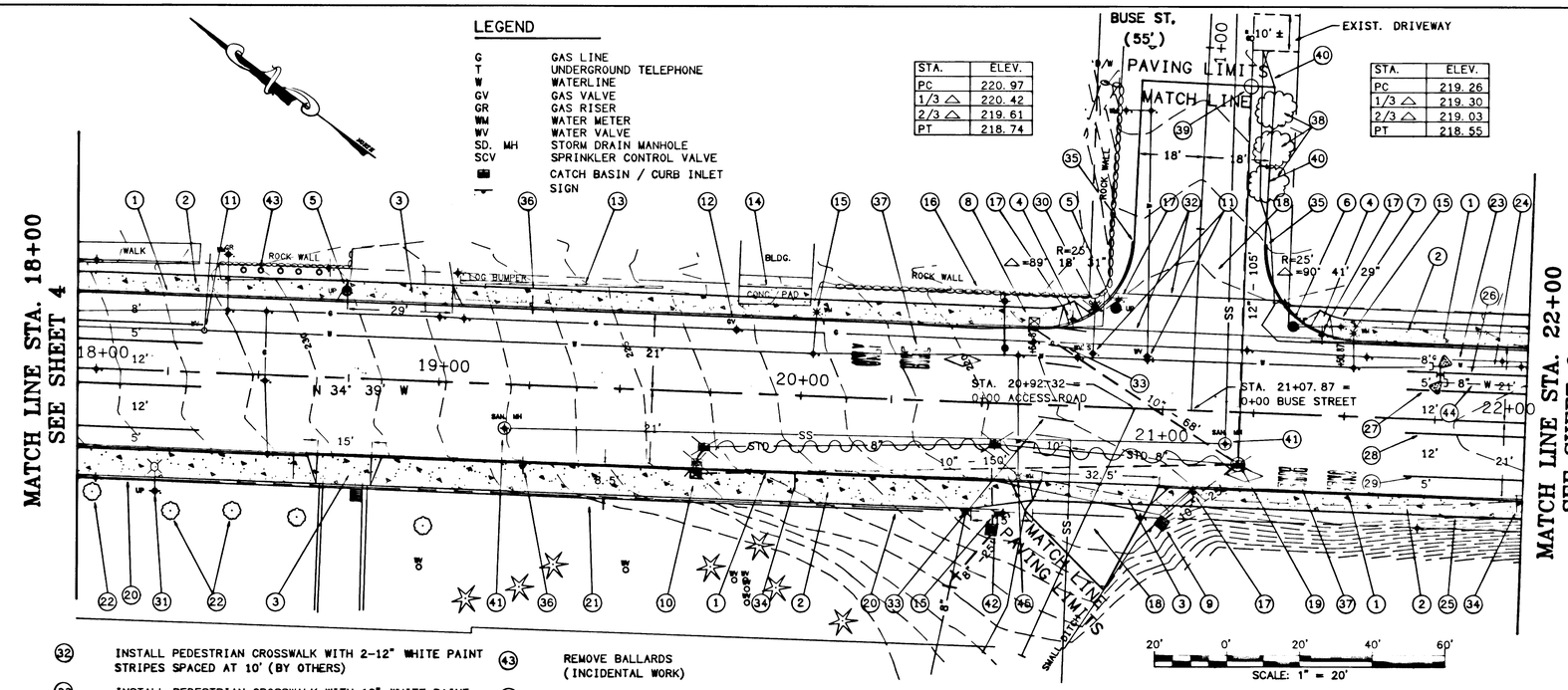
PROJECT NO.
302 DW 11

302 DW 11 DW AST-C4.DWG

1. CONST. STAND. CONC. CURB AND GUTTER (CITY OF WEST LINN STANDARD DWG NO. CS-265)
2. CONST. STAND. CONC. SIDEWALK (CITY OF WEST LINN STAND. DWG NO. CS-270 & CS-270. 1)
3. CONST. STAND. CONC. RESIDENTIAL DRIVEWAY (CITY OF WEST LINN STAND. DWG. NO. DW-250 &DW-251)
4. CONST. SIDEWALK RAMP (INCIDENTAL TO SIDEWALK) (CITY OF WEST LINN STAND. DWG NO. CS-271)
5. RELOCATE EXIST. UTILITY POLE (BY OTHERS)
6. RELOCATE EXIST. GUY POLE (BY OTHERS)
7. REMOVE EXIST. SIDEWALK AND INSTALL NEW STANDARD CITY OF WEST LINN SIDEWALK AS SHOWN
8. STA. 20+63, LT.
   CONST. G. I. 2 1/2A GUTTER INLET
   (CITY OF WEST LINN STANDARD DWG NO. GI-214)
   INST. 10" CONC. PIPE (C14, CL3) - 68'
   I. E. =218. 20, SLOPE= -2. 9%
   VERIFY LOCATION OF EXIST. UTILITIES PRIOR TO CONSTRUCTION
9. STA. 21+02, RT.
   CONST. CONC. INLET TYPE D
   (ODOT STAND. DWG. NO. 2015)
   INST. 10" CONC. PIPE (C14, CL 3) - 25'
   BOTTOM OF GRATE ELEV. 220. 0
   I. E. OUT 217. 08 (SLOPE = -3. 5%)
10. STA. 19+72, RT.
    CONST. G. I. 2 1/2A INLET
    (CITY OF WEST LINN STANDARD DWG NO. GI-214)
    INSTALL 10" CONC. PIPE (C14, CL3) -150'
    I. E. = 220. 44 (SLOPE = -2. 8 %) 3
11. ADJUST EXIST. WATER VALVE (INCIDENTAL TO WORK)
12. ADJUST EXIST. GAS VALVE (INCIDENTAL TO WORK)
13. REMOVE LOG BUMPERS
14. REMOVE 3' SECTION OF CONCRETE PAD AND REPLACE WITH STANDARD SIDEWALK SECTION - TAPER TO MATCH (INCIDENTAL TO SIDEWALK WORK)
15. RELOCATE WATER METER BEHIND SIDEWALK
16. PRESERVE AND PROTECT EXIST. ROCK WALL
17. RELOCATE EXIST. SIGN BEHIND SIDEWALK ON NEW BASE (BY OTHERS)
18. RECONSTRUCT FULL WIDTH SECTION OF BUSE STREET AS SHOWN AND DRIVEWAY RT. AS SHOWN (SEE PROFILES, SHEET 7)
    PAVEMENT SECTION FOR DRIVEWAY: 2" A. C., 4" 1"-0" CRUSHED ROCK
19. REMOVE EXIST. CATCH BASIN AND REPLACE WITH STD. SHALLOW MANHOLE (CITY OF WEST LINN STD. DWG. NO. MH-210) INST. 12" CONC. PIPE (C14, CL3) - 105', REMOVE EXIST. 8" CONC. PIPE (INCIDENTAL WORK)
20. DISMANTLE EXIST. STONE WALL AND SUPPLY TO SCHOOL FOR POSSIBLE RELOCATION. END REMOVAL AT WEST END OF DRIVEWAY ENTRANCE. REMOVE EXIST. CURB AND SIDEWALK (INCIDENTAL TO CLEARING AND GRUBBING)
21. RE-GRADE AT 1 1/2: 1 BEHIND STONE WALL AND SEED AND MULCH (INCIDENTAL WORK)
22. REMOVE EXIST. TREE AS SHOWN
23. VERIFY DEPTH OF GAS LINE PRIOR TO CONSTRUCTION AND LOWER AS REQUIRED (BY OTHERS) CONTRACTOR TO COORDINATE LOWERING WORK WITH GAS COMPANY (INCIDENTAL WORK)
24. STA. 21+70 TO STA. 24+50
    REMOVE OLD 8" WATERLINE AFTER INSTALLATION OF BY-PASS 2
    (INCIDENTAL TO WATERLINE LOWERING)
25. STA. 21+75 TO STA. 25+25
    INSTALL PRECAST CONC. SHOULDER BARRIER AT BACK OF SIDEWALK (ODOT STANDARD DWG. NO. 2133, NARROW BASE, TONGUE AND GROOVE)
26. INSTALL 8" WHITE BIKELANE STRIPE (BY OTHERS)
27. INSTALL 8" WHITE BIKELANE STRIPE (BY OTHERS)
28. INSTALL 2-4" YELLOW BIKELANE STRIPES (BY OTHERS) (BY OTHERS)
29. INSTALL 8" WHITE BIKELANE STRIPE
30. RELOCATE EXIST. FIRE HYDRANT TO NEW LOCATION AS SHOWN
31. REMOVE EXISTING LIGHT POLE AND BASE (BY OTHERS)

LEGEND

G	GAS LINE
T	UNDERGROUND TELEPHONE
W	WATERLINE
GV	GAS VALVE
GR	GAS RISER
WM	WATER METER
WV	WATER VALVE
SD. MH	STORM DRAIN MANHOLE
SCV	SPRINKLER CONTROL VALVE
	CATCH BASIN / CURB INLET
	SIGN

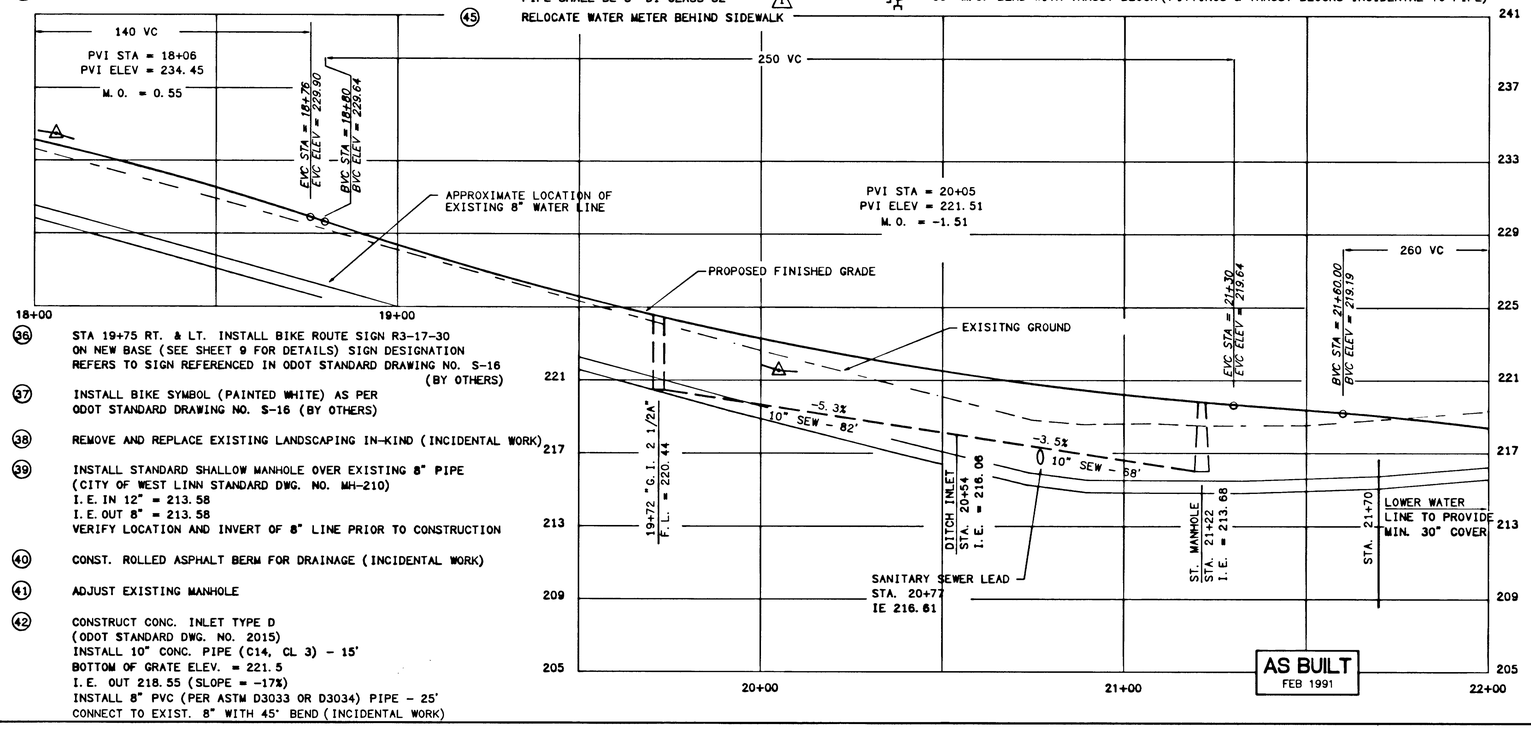


STA.	ELEV.
PC	220. 97
1/3 △	220. 42
2/3 △	219. 61
PT	218. 74

STA.	ELEV.
PC	219. 26
1/3 △	219. 30
2/3 △	219. 03
PT	218. 55

32. INSTALL PEDESTRIAN CROSSWALK WITH 2-12" WHITE PAINT STRIPES SPACED AT 10' (BY OTHERS)
33. INSTALL PEDESTRIAN CROSSWALK WITH 12" WHITE PAINT STRIPES 10' AND SPACED AT 5' AS SHOWN (BY OTHERS)
34. INSTALL 24"x36" "NO PARKING" SIGN (TYPE "C") STA. 20+00 RT., STA. 22+00 RT. (BY OTHERS)
35. END CURB AND GUTTER AT CURB RETURN
36. STA 19+75 RT. & LT. INSTALL BIKE ROUTE SIGN R3-17-30 ON NEW BASE (SEE SHEET 9 FOR DETAILS) SIGN DESIGNATION REFERS TO SIGN REFERENCED IN ODOT STANDARD DRAWING NO. S-16 (BY OTHERS)
37. INSTALL BIKE SYMBOL (PAINTED WHITE) AS PER ODOT STANDARD DRAWING NO. S-16 (BY OTHERS)
38. REMOVE AND REPLACE EXISTING LANDSCAPING IN-KIND (INCIDENTAL WORK)
39. INSTALL STANDARD SHALLOW MANHOLE OVER EXISTING 8" PIPE (CITY OF WEST LINN STANDARD DWG. NO. MH-210)
    I. E. IN 12" = 213. 58
    I. E. OUT 8" = 213. 58
    VERIFY LOCATION AND INVERT OF 8" LINE PRIOR TO CONSTRUCTION
40. CONST. ROLLED ASPHALT BERM FOR DRAINAGE (INCIDENTAL WORK)
41. ADJUST EXISTING MANHOLE
42. CONSTRUCT CONC. INLET TYPE D (ODOT STANDARD DWG. NO. 2015) INSTALL 10" CONC. PIPE (C14, CL 3) - 15' BOTTOM OF GRATE ELEV. = 221. 5 I. E. OUT 218. 55 (SLOPE = -17%) INSTALL 8" PVC (PER ASTM D3033 OR D3034) PIPE - 25' CONNECT TO EXIST. 8" WITH 45° BEND (INCIDENTAL WORK)
43. REMOVE BALLARDS (INCIDENTAL WORK)
44. STA. 21+70 TO 25+00 CONST. 8" WATER LINE BY-PASS PROVIDING MIN. 30" OF COVER TO NEW FINISH GRADE. CAP AND TEST BY-PASS LINE PRIOR TO CONNECTION. PIPE SHALL BE 8" DI CLASS 52 1
45. RELOCATE WATER METER BEHIND SIDEWALK

REMOVE STRUCTURE SHOWN THUS (INCIDENTAL TO CLEARING & GRUBBING)
REMOVE PIPE SHOWN THUS (INCIDENTAL TO CLEARING & GRUBBING)
90° M. J. BEND WITH THRUST BLOCK (FITTINGS & THRUST BLOCKS INCIDENTAL TO PIPE)



JAS DESIGNED	4/90 DATE
JAS DRAWN	4/90 DATE
JPR CHECKED	4/90 DATE

REVISIONS
1. ADDENDUM #1 5/30/90
2. ADDENDUM #1 5/30/90
3. ADDENDUM #1 5/30/90

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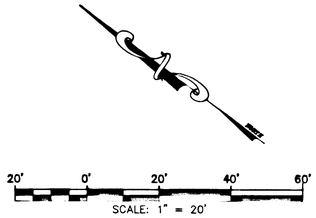
REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON JULY 28, 1987 JONATHAN P. REL
2/6/91

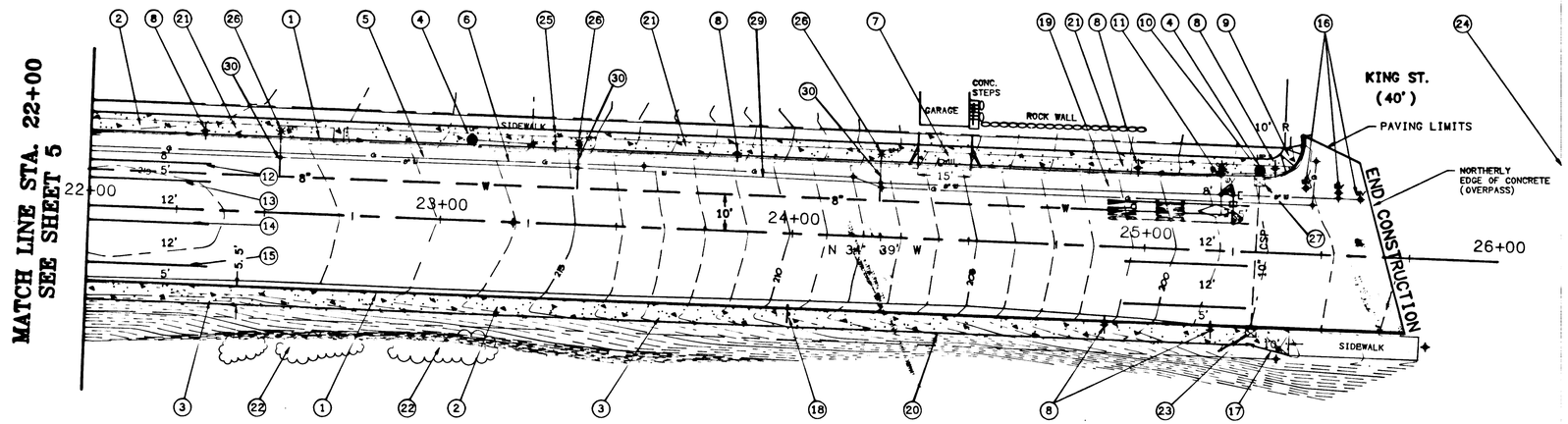
WEST "A" STREET
ROADWAY IMPROVEMENTS
PLAN & PROFILE

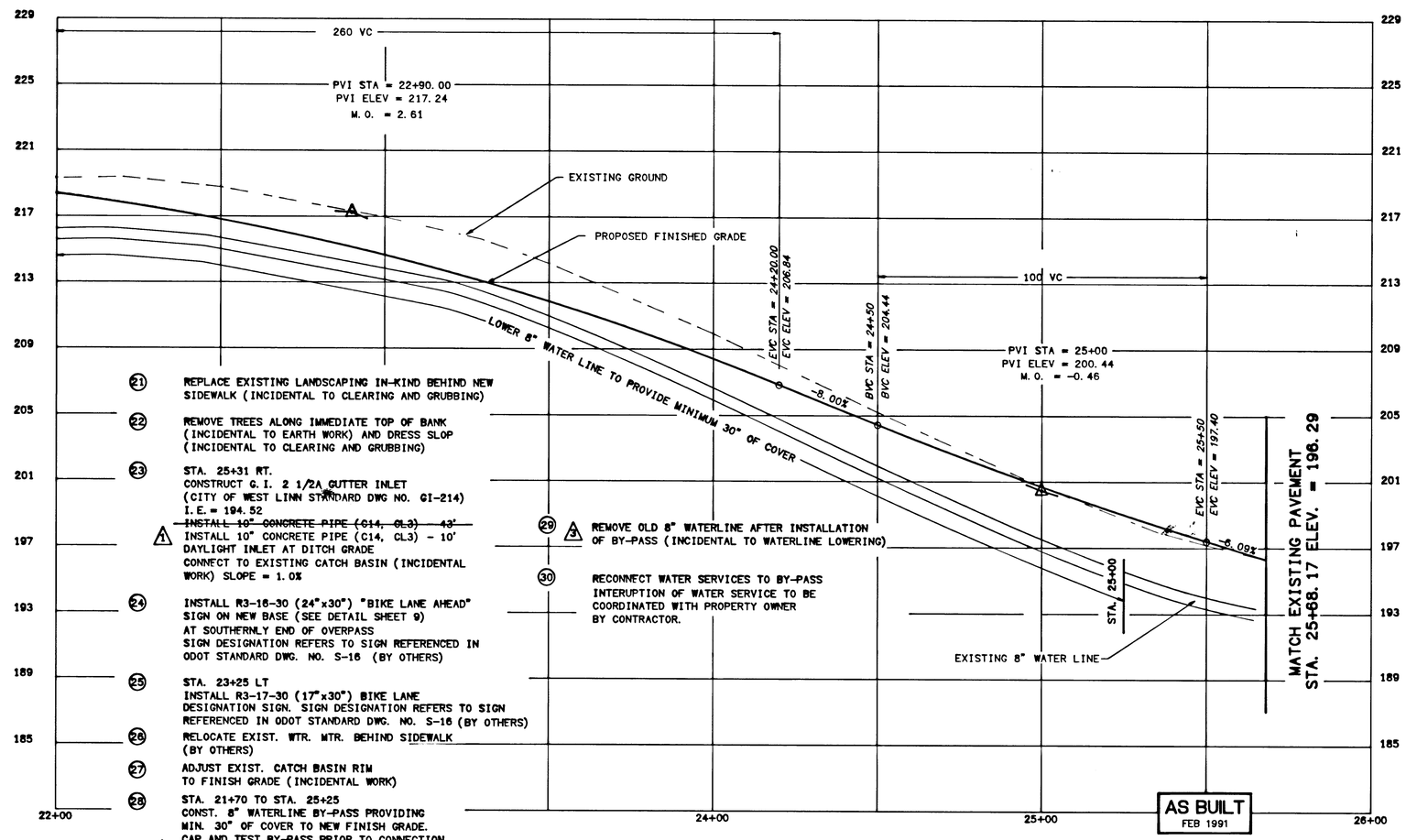
SHEET NO. 5 OF 9

PROJECT NO. 302 DW 11

302 DW 11 DWG AST-CG.DWG







1. CONST. STAND. CONC. CURB AND GUTTER (CITY OF WEST LINN STANDARD DWG NO. CS-265)
2. CONST. STAND. CONC. SIDEWALK (CITY OF WEST LINN STAND. DWG NO. CS-270 & CS-270.1)
3. STA. 21+75 TO STA 25+25 INSTALL PRECAST CONC. SHLDR. BARRIER AT BACK OF SIDEWALK (ODOT STAND. DWG. NO. 2133, NARROW BASE, TONGUE AND GROOVE)
4. RELOCATE EXIST. UTILITY POLE (BY OTHERS)
5. STA. 21+70 TO STA. 25+00 LOWER WATERLINE TO PROVIDE MINIMUM 30" COVER
6. VERIFY DEPTH OF GAS LINE PRIOR TO CONSTRUCTION AND LOWER AS REQUIRED (BY OTHERS)
7. CONST. STAND. CONC. RESIDENTIAL DRIVEWAY (CITY OF WEST LINN STAND. DWG. NO. DW-250 & DW-251) PROVIDE CONC. CONNECTION TO EXIST. DRIVEWAY
8. RELOCATE EXIST. SIGN ON NEW BASE (BY OTHERS)
9. CONST. SIDEWALK RAMP (INCIDENTAL TO SIDEWALK CONST.) (SEE CITY OF WEST LINN STANDARD DRAWING NO. CS-271)
10. TAPER CURB AND GUTTER TO MATCH EXISTING CATCH BASIN
11. RELOCATE EXIST. FIRE HYDRANT & VALVE BEHIND SIDEWALK (BY OTHERS)
12. INSTALL 8" WHITE BIKELANE STRIPE (BY OTHERS)
13. INSTALL 8" WHITE BIKELANE STRIPE (BY OTHERS)
14. INSTALL 2-4" YELLOW BIKELANE STRIPES (BY OTHERS)
15. INSTALL 8" WHITE BIKELANE STRIPE (BY OTHERS)
16. ADJUST EXIST. WATER VALVE
17. TAPER CURB AND SIDEWALK TO MATCH EXISTING SIDEWALK
18. INSTALL 24"x36" "NO PARKING" SIGN ON NEW BASE (TYPE "C") STA. 24+00 RT. (BY OTHERS)
19. INSTALL BIKE SYMBOL (PAINTED WHITE AS PER ODOT STANDARD DRAWING NO. S-16 - BY OTHERS)
20. REMOVE EXPOSED ROCK BOULDERS (INCIDENTAL TO EARTHWORK)

LEGEND

G	GAS LINE
T	UNDERGROUND TELEPHONE
W	WATERLINE
GV	GAS VALVE
GR	GAS RISER
WM	WATER METER
WV	WATER VALVE
SD. MH	STORM DRAIN MANHOLE
SCV	SPRINKLER CONTROL VALVE
	CATCH BASIN / CURB INLET
	SIGN

21. REPLACE EXISTING LANDSCAPING IN-KIND BEHIND NEW SIDEWALK (INCIDENTAL TO CLEARING AND GRUBBING)
22. REMOVE TREES ALONG IMMEDIATE TOP OF BANK (INCIDENTAL TO EARTH WORK) AND DRESS SLOP (INCIDENTAL TO CLEARING AND GRUBBING)
23. STA. 25+31 RT. CONSTRUCT G.I. 2 1/2A GUTTER INLET (CITY OF WEST LINN STANDARD DWG NO. GI-214) I.E. = 194.52
    ~~INSTALL 10" CONCRETE PIPE (C14, CL3) 43'~~
    1 INSTALL 10" CONCRETE PIPE (C14, CL3) - 10' DAYLIGHT INLET AT DITCH GRADE CONNECT TO EXISTING CATCH BASIN (INCIDENTAL WORK) SLOPE = 1.0%
24. INSTALL R3-16-30 (24"x30") "BIKE LANE AHEAD" SIGN ON NEW BASE (SEE DETAIL SHEET 9) AT SOUTHERNLY END OF OVERPASS SIGN DESIGNATION REFERS TO SIGN REFERENCED IN ODOT STANDARD DWG. NO. S-16 (BY OTHERS)
25. STA. 23+25 LT INSTALL R3-17-30 (17"x30") BIKE LANE DESIGNATION SIGN. SIGN DESIGNATION REFERS TO SIGN REFERENCED IN ODOT STANDARD DWG. NO. S-16 (BY OTHERS)
26. RELOCATE EXIST. WTR. MTR. BEHIND SIDEWALK (BY OTHERS)
27. ADJUST EXIST. CATCH BASIN RIM TO FINISH GRADE (INCIDENTAL WORK)
28. STA. 21+70 TO STA. 25+25 CONST. 8" WATERLINE BY-PASS PROVIDING MIN. 30" OF COVER TO NEW FINISH GRADE. CAP AND TEST BY-PASS PRIOR TO CONNECTION
    2 PIPE SHALL BE DI CLASS 52
29. 3 REMOVE OLD 8" WATERLINE AFTER INSTALLATION OF BY-PASS (INCIDENTAL TO WATERLINE LOWERING)
30. RECONNECT WATER SERVICES TO BY-PASS INTERUPTION OF WATER SERVICE TO BE COORDINATED WITH PROPERTY OWNER BY CONTRACTOR.

JAS	4/90
DESIGNED	DATE
JAS	4/90
DRAWN	DATE
JPR	4/90
CHECKED	DATE

REVISIONS
1 ADDENDUM #1 5/30/90
2 ADDENDUM #1 5/30/90
3 ADDENDUM #1 5/30/90

DAVID J. NEWTON ASSOCIATES
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PORTLAND, OREGON

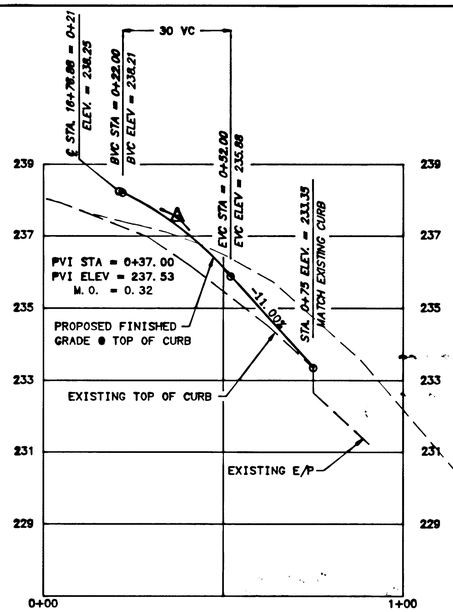
REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON JONATHAN P. FEYNMAN
2/6/91

WEST "A" STREET
ROADWAY IMPROVEMENTS
PLAN & PROFILE

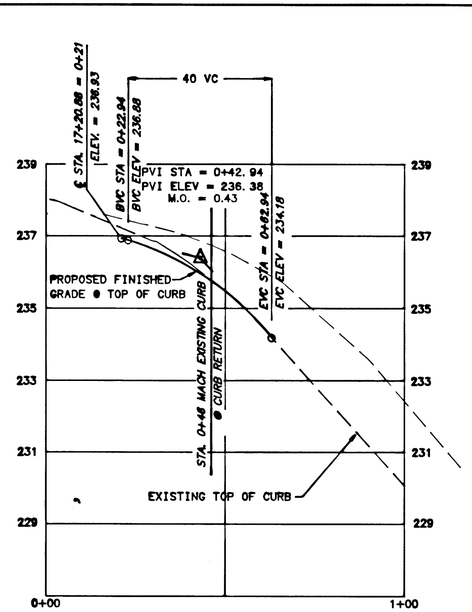
SHEET NO.
6 OF 9

PROJECT NO.
302 DW 11

302 DW 11 DW AST-08.DWG



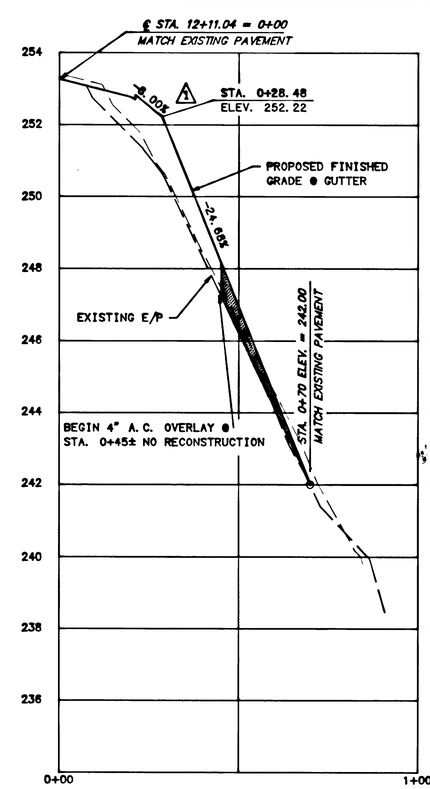
CURB PROFILE 22' LEFT



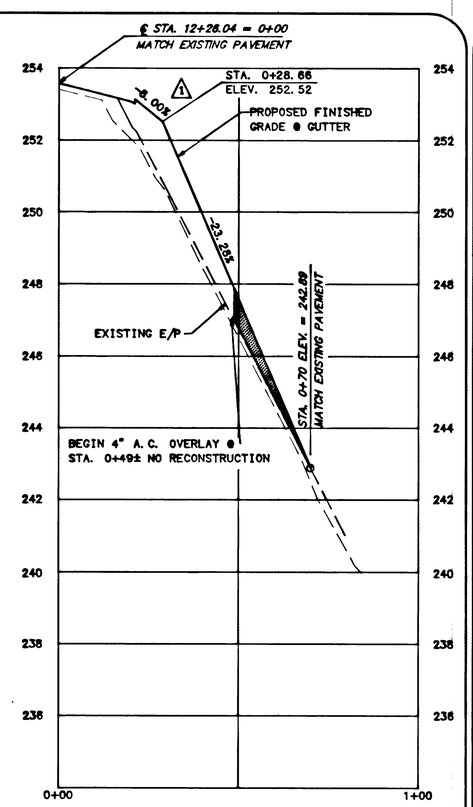
CURB PROFILE 22' RIGHT

McKILLICAN STREET

SCALE: 1"=20' HORZ.
1"= 2' VERT.



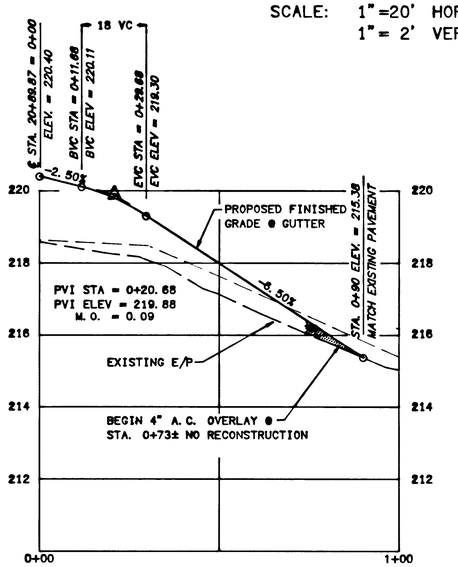
E/P PROFILE 7.5' LEFT



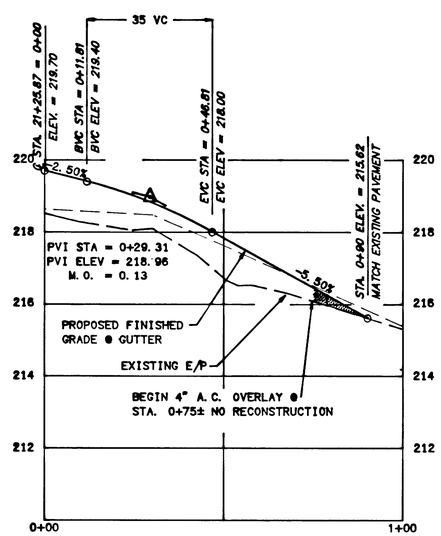
E/P PROFILE 7.5' RIGHT

EASY STREET

SCALE: 1"=20' HORZ.
1"= 2' VERT.



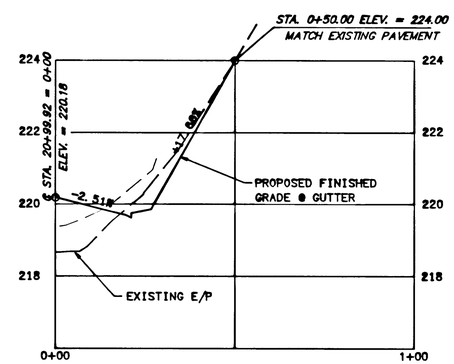
E/P PROFILE 18' LEFT



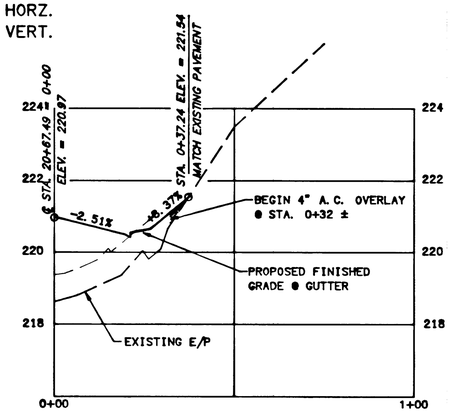
E/P PROFILE 18' RIGHT

BUSE STREET

SCALE: 1"=20' HORZ.
1"= 2' VERT.



E/P PROFILE 15' LEFT



E/P PROFILE 15' RIGHT

ACCESS ROAD

SCALE: 1"=20' HORZ.
1"= 2' VERT.

AS BUILT
FEB 1991

JAS	DESIGNED	4/90 DATE
JAS	DRAWN	4/90 DATE
JPR	CHECKED	4/90 DATE

REVISIONS

1 ADDENDUM #1 5/30/90

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REGISTERED PROFESSIONAL ENGINEER
OREGON
JONATHAN P. REES
JULY 26, 1990
2/6/91

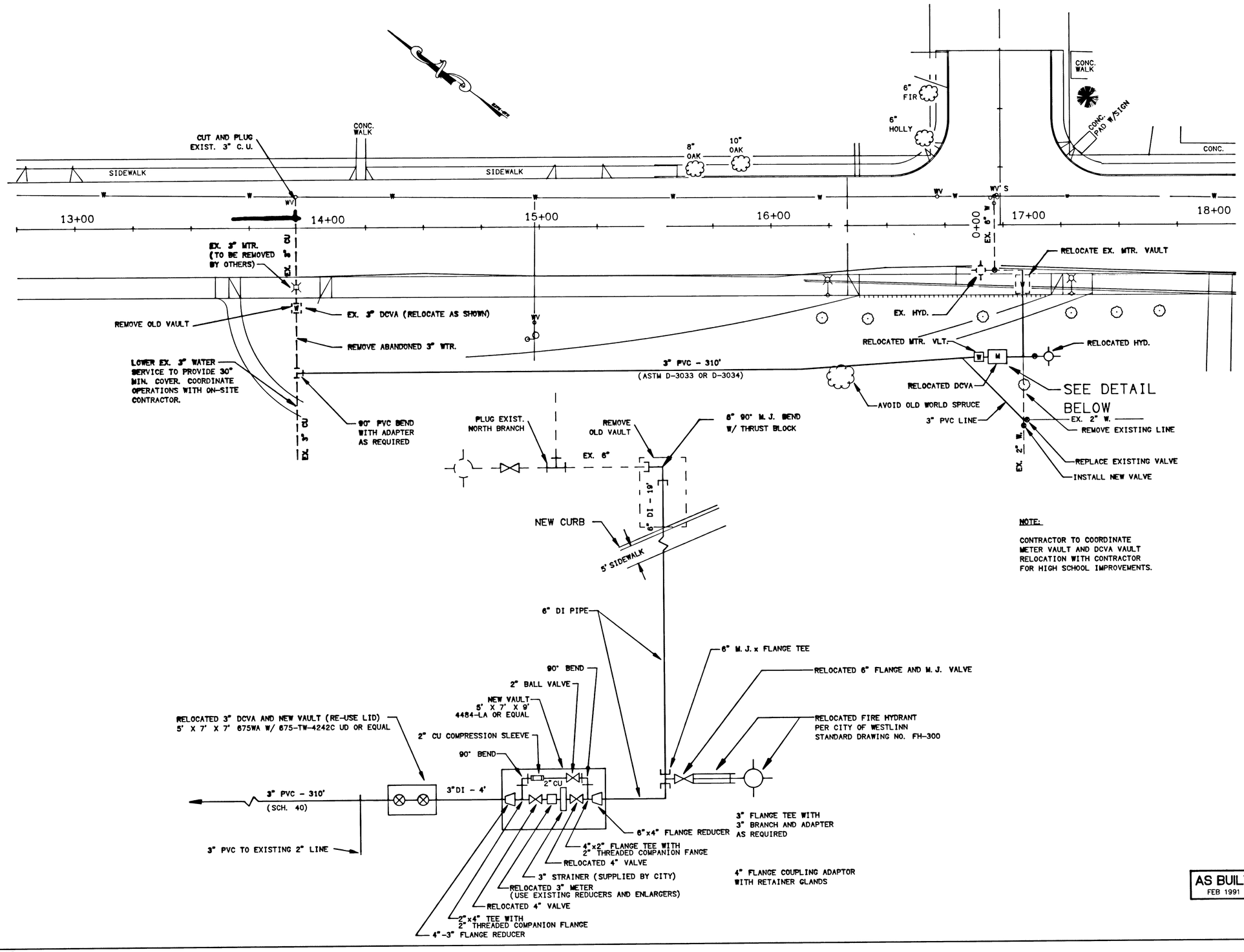
WEST "A" STREET

ROADWAY IMPROVEMENTS
SIDE STREET PROFILES

SHEET NO.
7 OF 9

PROJECT NO.
302 DW 11

302 DW 11 DW AST-C7.DWG



NOTE:

CONTRACTOR TO COORDINATE METER VAULT AND DCVA VAULT RELOCATION WITH CONTRACTOR FOR HIGH SCHOOL IMPROVEMENTS.

AS BUILT
FEB 1991

JPR DESIGNED	4/90 DATE
BJS DRAWN	4/90 DATE
JPR CHECKED	4/90 DATE

REVISIONS

DAVID J. NEWTON ASSOCIATES
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REGISTERED PROFESSIONAL ENGINEER
No. 10524
OREGON
JULY 28, 1989
JONATHAN P. REITMANN
2/6/91

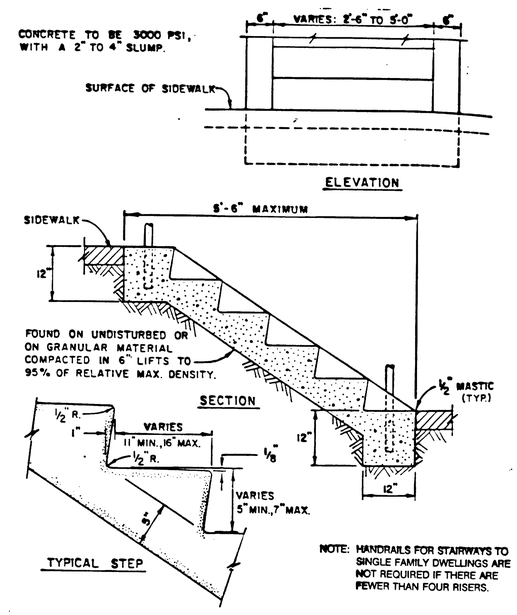
WEST "A" STREET

METER VAULT & DCVA VAULT RELOCATION DETAIL

SHEET NO.
8 OF 9

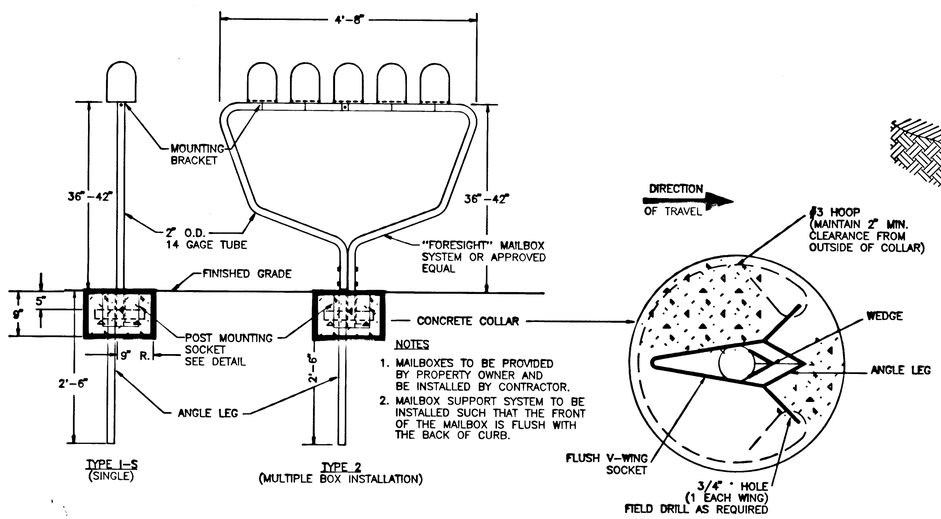
PROJECT NO.
302 DW 11

302 DW 11 DW AST-08.DWG



STANDARD CONCRETE STAIRS

NOT TO SCALE

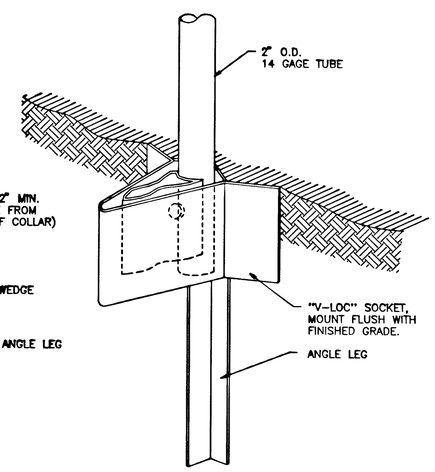


NOTES

1. MAILBOXES TO BE PROVIDED BY PROPERTY OWNER AND BE INSTALLED BY CONTRACTOR.
2. MAILBOX SUPPORT SYSTEM TO BE INSTALLED SUCH THAT THE FRONT OF THE MAILBOX IS FLUSH WITH THE BACK OF CURB.

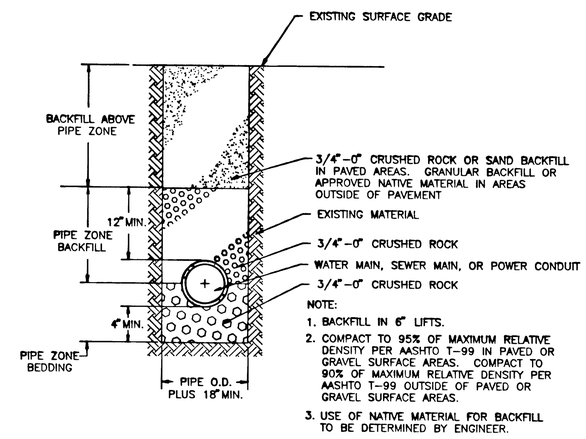
MAILBOX SUPPORT SYSTEM

NOT TO SCALE



POST MOUNTING CONNECTION

NOT TO SCALE



NOTE:

1. BACKFILL IN 6" LIFTS.
2. COMPACT TO 95% OF MAXIMUM RELATIVE DENSITY PER AASHTO T-99 IN PAVED OR GRAVEL SURFACE AREAS. COMPACT TO 90% OF MAXIMUM RELATIVE DENSITY PER AASHTO T-99 OUTSIDE OF PAVED OR GRAVEL SURFACE AREAS.
3. USE OF NATIVE MATERIAL FOR BACKFILL TO BE DETERMINED BY ENGINEER.

TYPICAL TRENCH DETAIL

NOT TO SCALE

AS BUILT
FEB 1991

JAS	4/90
DESIGNED	DATE
JPR	4/90
DRAWN	DATE
JPR	4/90
CHECKED	DATE

REVISIONS

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REGISTERED PROFESSIONAL ENGINEER 14,054 OREGON JULY 26, 1990 JONATHAN P. REYNOLDS

2/6/91

WEST "A" STREET

ROADWAY IMPROVEMENTS

DETAILS

SHEET NO.
9 OF 9

PROJECT NO.
302 DW 11

PROJECT NO. – DWG