

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A01	Title Sheet
A02	Title Sheet
A03	Plan Sheet Layout
A04	Alignment Data
A05	Easement Plan

GRADING, DRAINAGE, STRUCTURES, PAVING, SIGNING, ILLUMINATION,
& ROADSIDE DEVELOPMENT

THE DALLES RIVERFRONT ACCESS
THE DALLES, OREGON

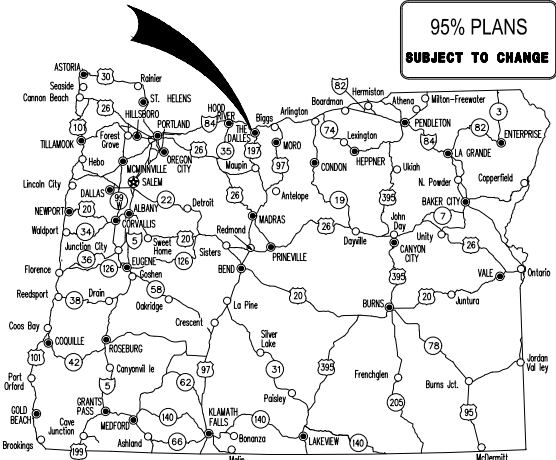
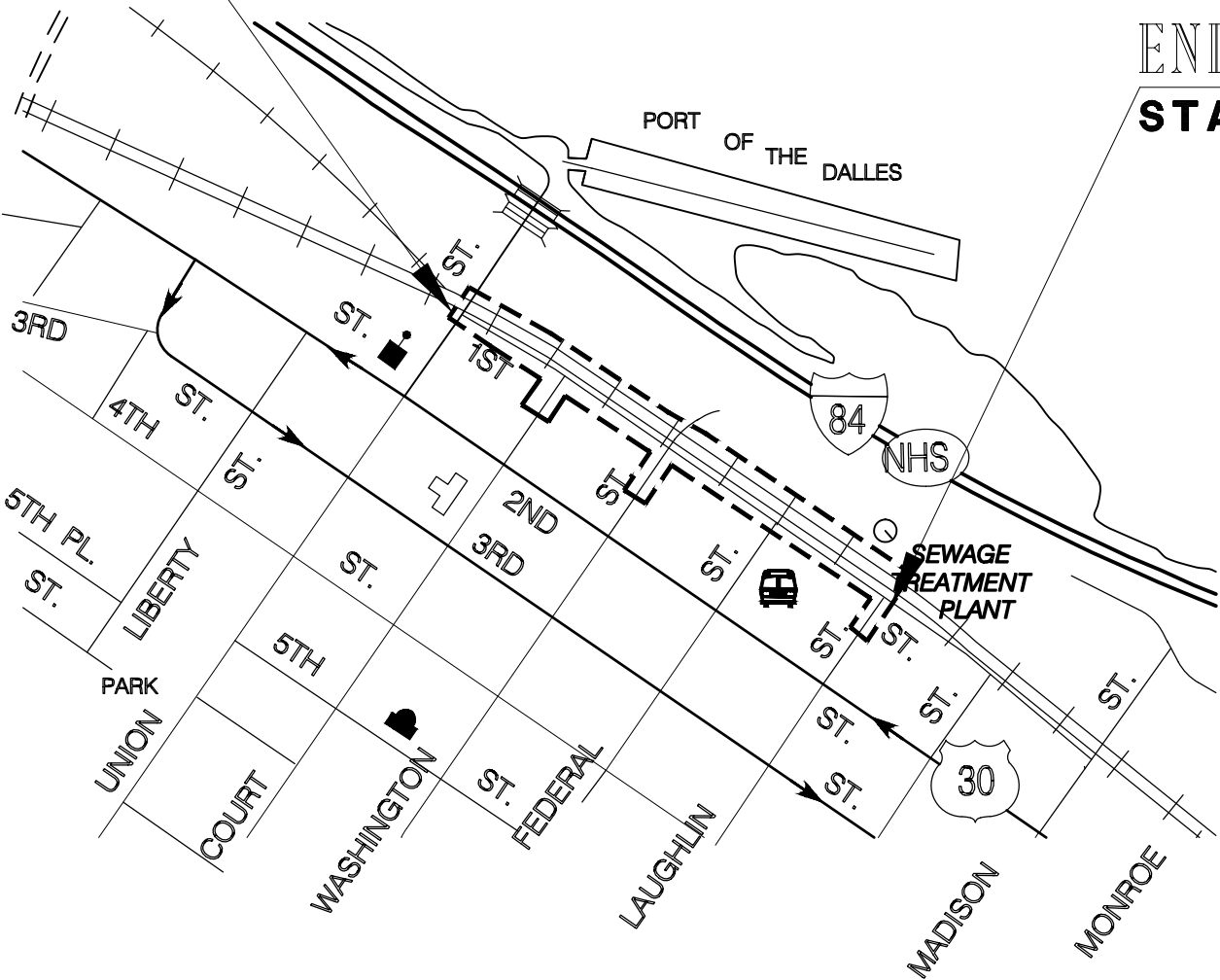
WASCO COUNTY
OCTOBER 2023

BEGINNING OF PROJECT

STA. "1ST" 2+65.00

END OF PROJECT

STA. "1ST" 18+04.35

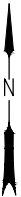


Overall Length Of Project - 0.29 Miles

ATTENTION:

Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center. Those Rules Are Set Forth In OAR 952-001-0010 Through OAR 952-001-0090. You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For The Oregon Utility Center Is (503) 232-1987.)

LET'S ALL
WORK TOGETHER
TO MAKE THIS
JOB SAFE



T. 1 N., R. 13 E., W.M.

THE DALLES RIVERFRONT ACCESS THE DALLES, OREGON WASCO COUNTY	
PROJECT NUMBER	SHEET NO.
TITLE SHEET	A01

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
BA01 thru BA05	Typical Sections
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BC01 thru BC06	Curb Ramp Details
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DO1B thru DO9B	Drainage And Utilities
DO1C thru DO9C	Profile
EC01 thru EC02	Traffic Control Plan
FB01	Erosion Control Plan
FB02	Erosion Control Notes
LA01 thru LA03	Permanent Signing & Striping Plan
LB01 thru LB02	Sign Details
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LANDSCAPE	
SHEET NO.	DESCRIPTION
RA01	Streetscape Site Legend and Notes
RB01 Thru RB09	Streetscape Site Plan
RC01	Irrigation Schedule and Notes
RC02 Thru RC10	Irrigation Plan
RD01 Thru RD06	Streetscape Site Details
RD07 Thru RD08	Irrigation Details

STRUCTURAL - WALLS	
SHEET NO.	DESCRIPTION
GB01 thru GB04	Wall A Plan and Profile
GB05 thru GB07	Wall B Plan and Profile
GB10 thru GB14	Wall Details

Illumination	
SHEET NO.	DESCRIPTION
PA01 thru PA03	Illumination Plan
PA04	Illumination Details

ODOT Standard Drg. Nos.

- RD348
- Manhole with Inlet
- RD417
- Midwest Guardrail System End Sections
- TM200
- Sign Installation Details
- TM201
- Miscellaneous Sign Placement Details
- TM206
- Sign Bracing Details

- TM500
- Pavement Marking Standard Detail Blocks
- TM501
- Pavement Marking Standard Detail Blocks
- TM503
- Pavement Marking Standard Detail Blocks

- TM635
- Breakway Sign and Luminaire Supports (Location Guidelines)
- TM676
- Sign Attachments
- TM677
- Sign Mounts

- TM800
- Tables, Abrupt Edge, and PCMS Detail
- TM820
- Temporary Barricades
- TM821
- Temporary Sign Support
- TM840
- Closure Details
- TM841
- Intersection Work Zone Details
- TM844
- Temporary Pedestrain Access Routing
- TM850
- 2-Lane, 2-way Roadways

City Of The Dalles (COTD)
Standard Drg. Nos.

- RD250
- Thrust Blocking
- RD254
- Hydrant Installation
- RD258
- Valve Box and Operator Extension Assembly
- RD274
- Water Service Connection

- RD300
- Trench Backfill, Bedding, Pipe Zone and Multiple Installations
- RD302
- Street Cut
- RD306
- Concrete Encasement, Cradle, and Cap Details
- RD335
- Standard Storm Sewer Manhole
- RD336
- Standard Manhole Details
- RD339
- Pipe to Structure Connections
- RD342
- Shallow Manholes
- RD344
- Standard Manhole Base Section
- RD345
- Pipe to Manhole Connections
- RD356
- Manhole Covers and Frames
- RD360
- Manhole Frame Adjustment
- RD363
- Gutter Transition at Inlet
- RD364
- Concrete Inlets

- RD700
- Curb
- RD720
- Sidewalks
- RD721
- Separated Sidewalks
- RD722
- Sidewalk Joints
- RD740
- Separated Sidewalk Driveways or Alleys (Options H, I & J)
- RD745
- Curb Line Sidewalk Driveways or Alleys (Options K & L)
- RD754
- Curb Ramp and Turning Space (For Ends of Sidewalks)
- RD755
- Curb Ramp Details
- RD756
- Curb Ramp Placement Options Small Radii
- RD758
- Detectable Warning Surface Details and Placement Locations
- RD759
- Detectable Warning Surface Details and Placement Locations

- RD1010
- Inlet Protection (Type 2, 3, 6, and 7)
- RD1070
- Concrete Truck Washout

95% PLANS
SUBJECT TO CHANGE

THE DALLES RIVERFRONT ACCESS
THE DALLES, OREGON
WASCO COUNTY

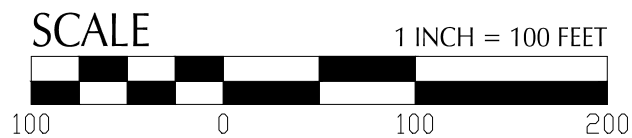
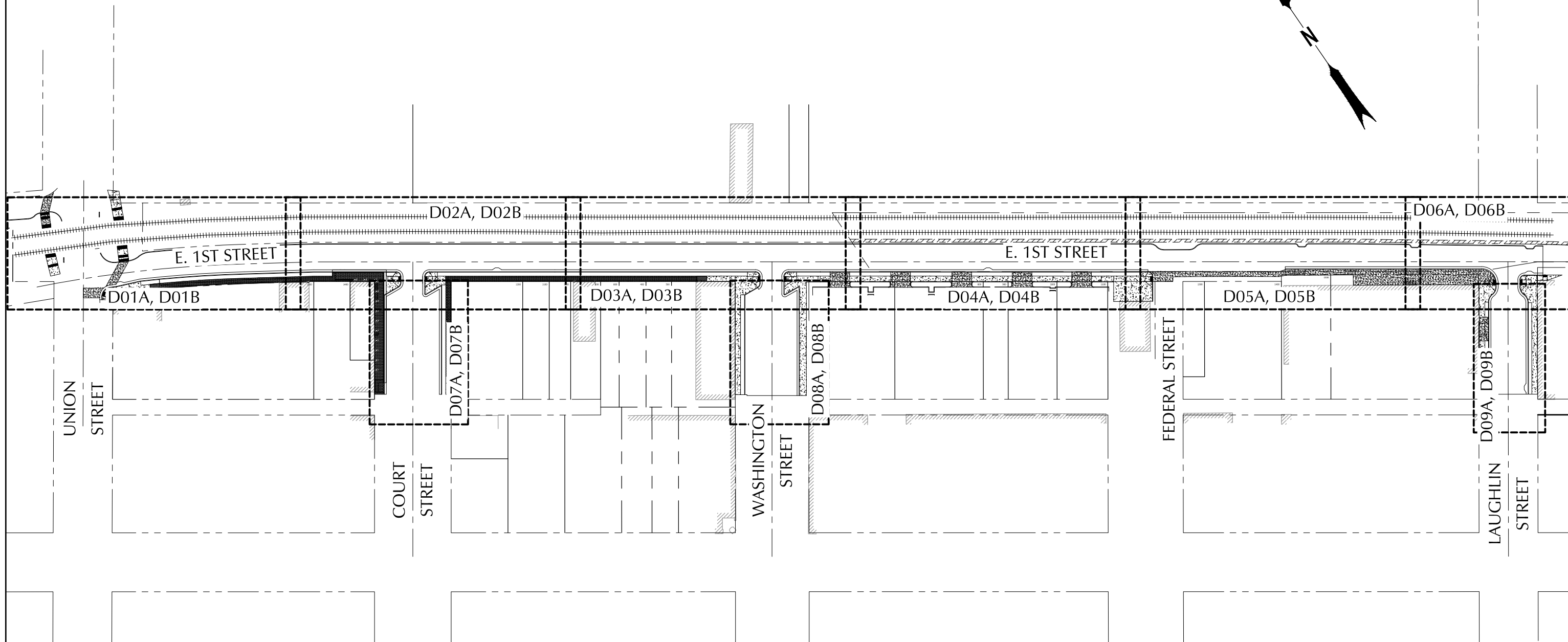
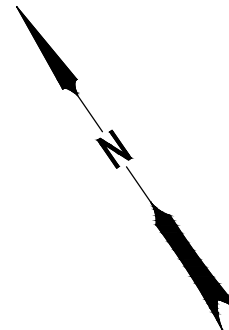
PROJECT NUMBER

SHEET
NO.

TITLE SHEET

A02

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SUBJECT TO CHANGE



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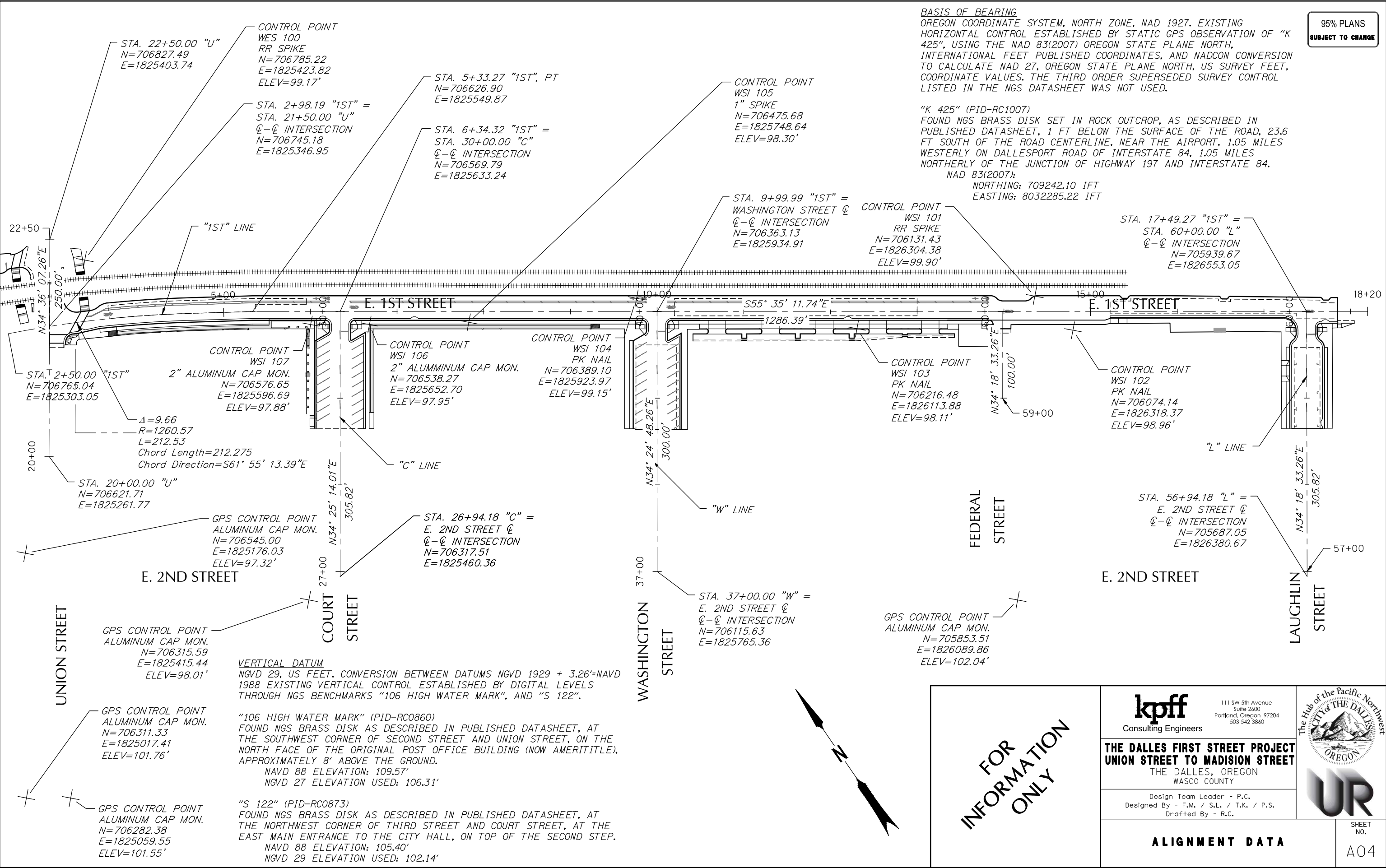
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PLAN SHEET LAYOUT



SHEET
NO.
A03



BASIS OF BEARING
OREGON COORDINATE SYSTEM, NORTH ZONE, NAD 1927. EXISTING HORIZONTAL CONTROL ESTABLISHED BY STATIC GPS OBSERVATION OF "K 425", USING THE NAD 83(2007) OREGON STATE PLANE NORTH, INTERNATIONAL FEET PUBLISHED COORDINATES, AND NADCON CONVERSION TO CALCULATE NAD 27, OREGON STATE PLANE NORTH, US SURVEY FEET, COORDINATE VALUES. THE THIRD ORDER SUPERSEDED SURVEY CONTROL LISTED IN THE NGS DATASHEET WAS NOT USED.

"K 425" (PID-RC1007)
FOUND NGS BRASS DISK SET IN ROCK OUTCROP, AS DESCRIBED IN PUBLISHED DATASHEET, 1 FT BELOW THE SURFACE OF THE ROAD, 23.6 FT SOUTH OF THE ROAD CENTERLINE, NEAR THE AIRPORT, 1.05 MILES WESTERLY ON DALLESPORT ROAD OF INTERSTATE 84, 1.05 MILES NORTHERLY OF THE JUNCTION OF HIGHWAY 197 AND INTERSTATE 84.
NAD 83(2007):
NORTHING: 709242.10 IFT
EASTING: 8032285.22 IFT

VERTICAL DATUM
NGVD 29, US FEET. CONVERSION BETWEEN DATUMS NGVD 1929 + 3.26'-NAVD 1988 EXISTING VERTICAL CONTROL ESTABLISHED BY DIGITAL LEVELS THROUGH NGS BENCHMARKS "106 HIGH WATER MARK", AND "S 122".

"106 HIGH WATER MARK" (PID-RC0860)
FOUND NGS BRASS DISK AS DESCRIBED IN PUBLISHED DATASHEET, AT THE SOUTHWEST CORNER OF SECOND STREET AND UNION STREET, ON THE NORTH FACE OF THE ORIGINAL POST OFFICE BUILDING (NOW AMERITITLE), APPROXIMATELY 8' ABOVE THE GROUND.
NAVD 88 ELEVATION: 109.57'
NGVD 27 ELEVATION USED: 106.31'

"S 122" (PID-RC0873)
FOUND NGS BRASS DISK AS DESCRIBED IN PUBLISHED DATASHEET, AT THE NORTHWEST CORNER OF THIRD STREET AND COURT STREET, AT THE EAST MAIN ENTRANCE TO THE CITY HALL, ON TOP OF THE SECOND STEP.
NAVD 88 ELEVATION: 105.40'
NGVD 29 ELEVATION USED: 102.14'

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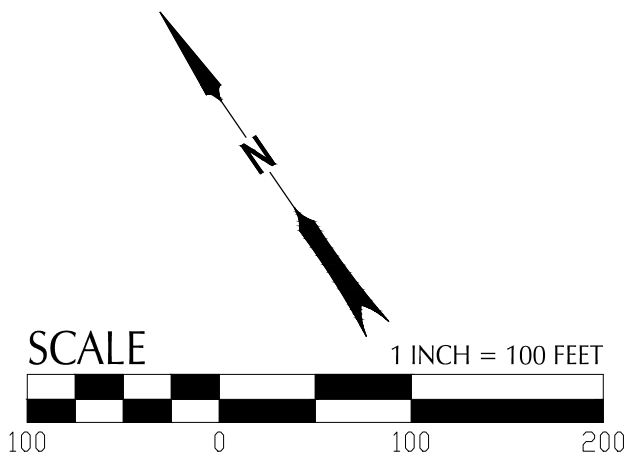
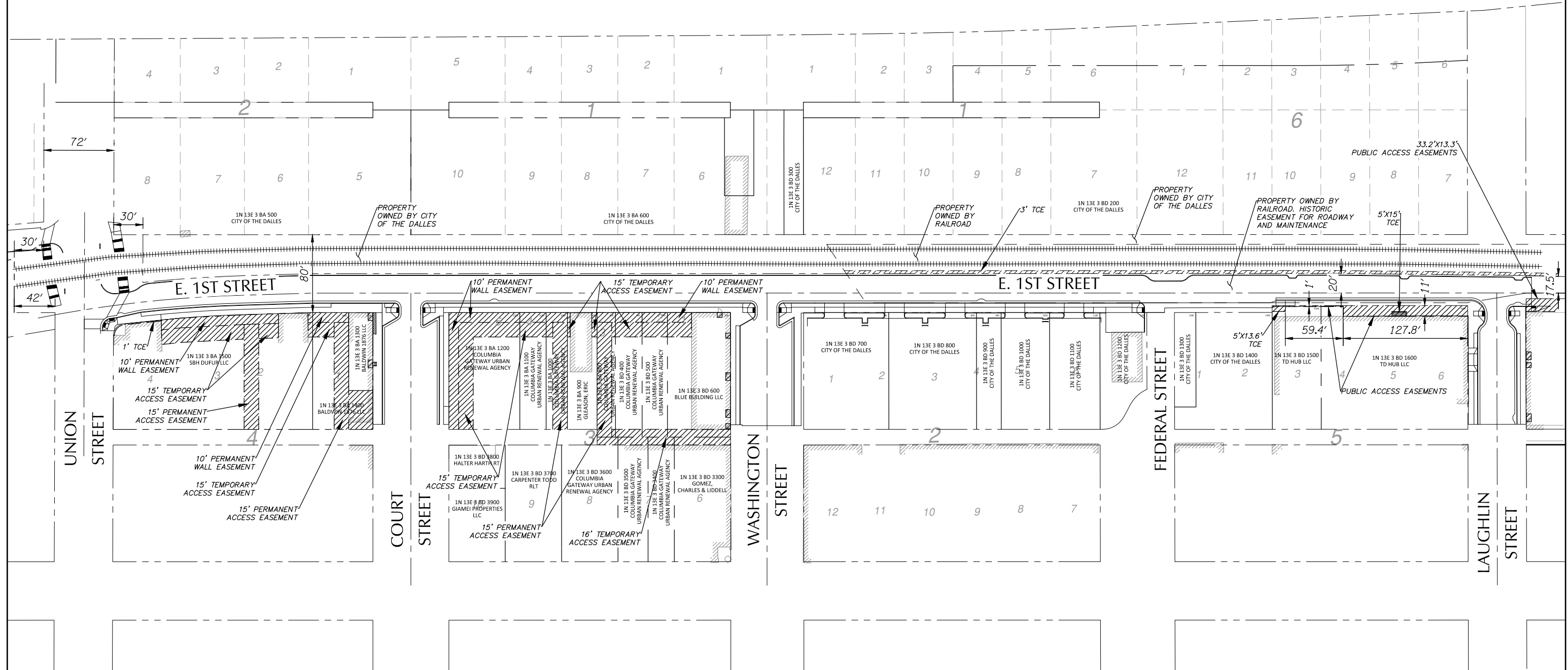
THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

ALIGNMENT DATA



SHEET
NO.
A04



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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

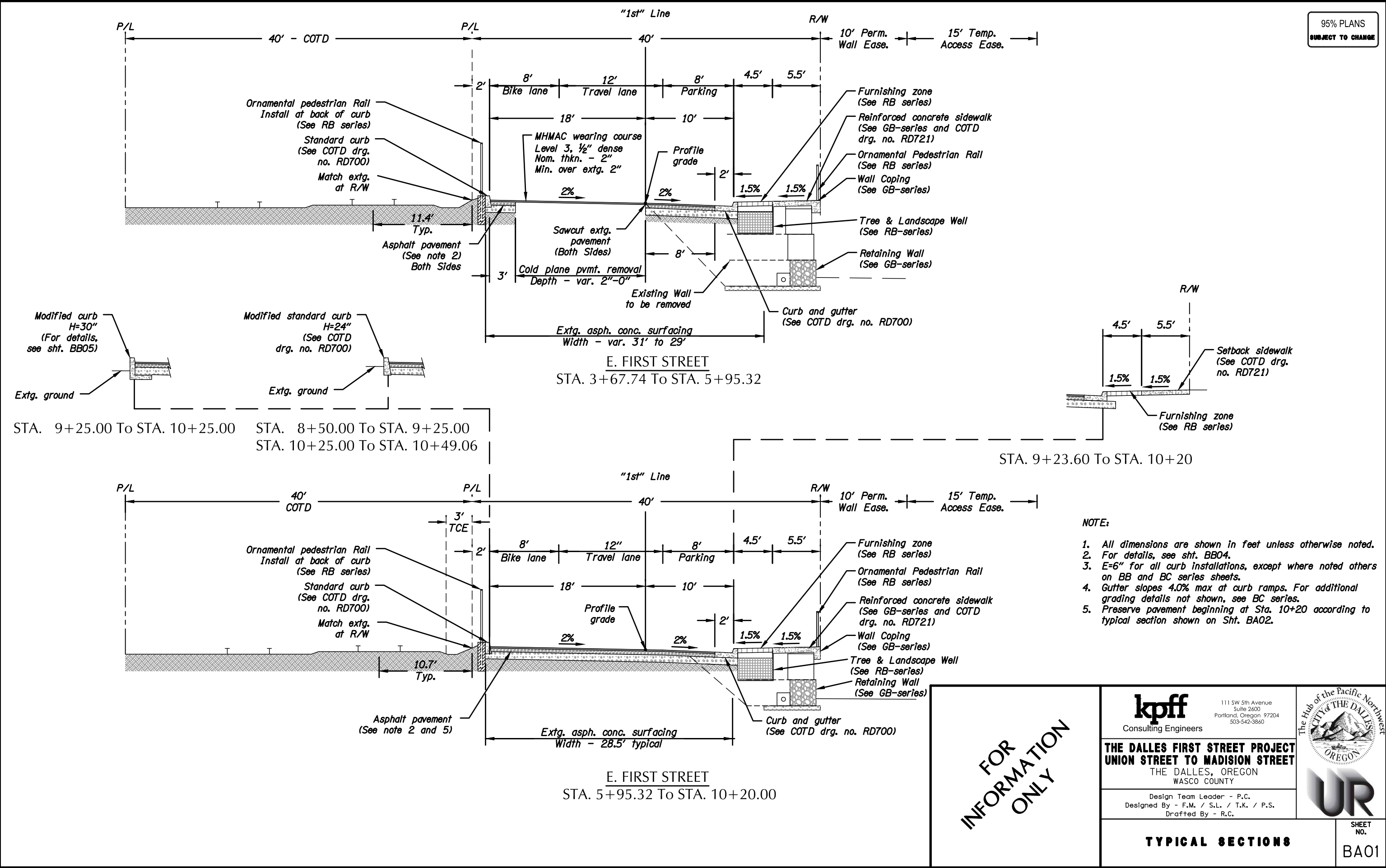
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

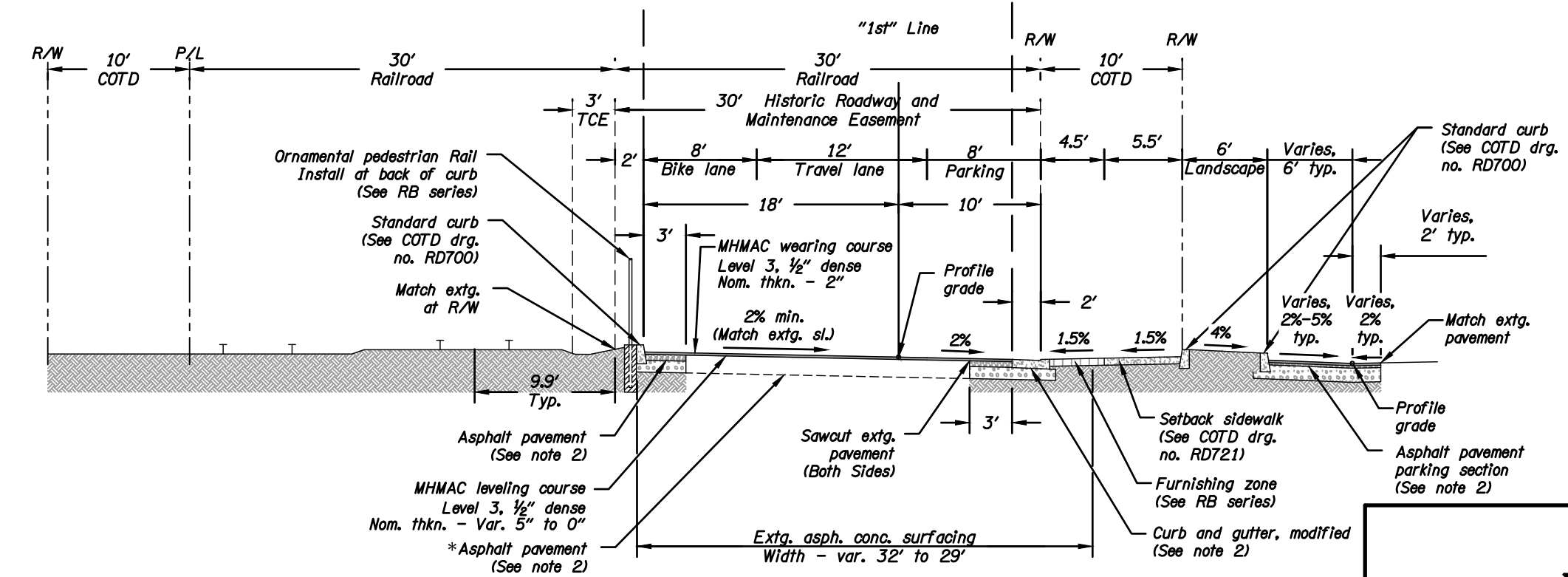
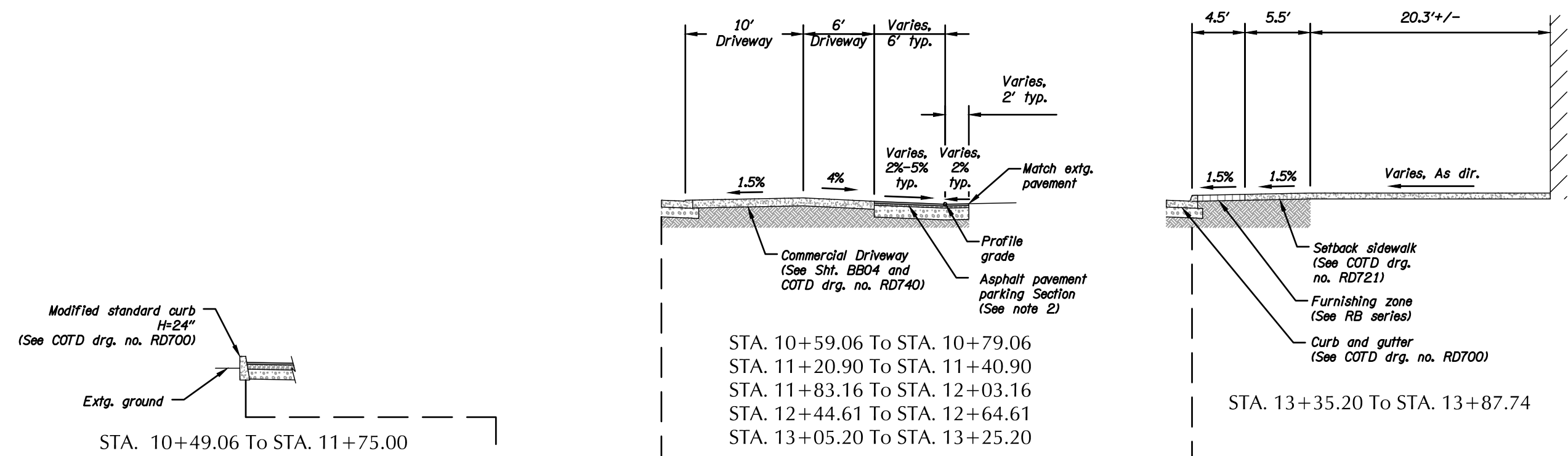
EASEMENT PLAN

SHEET
NO.

05







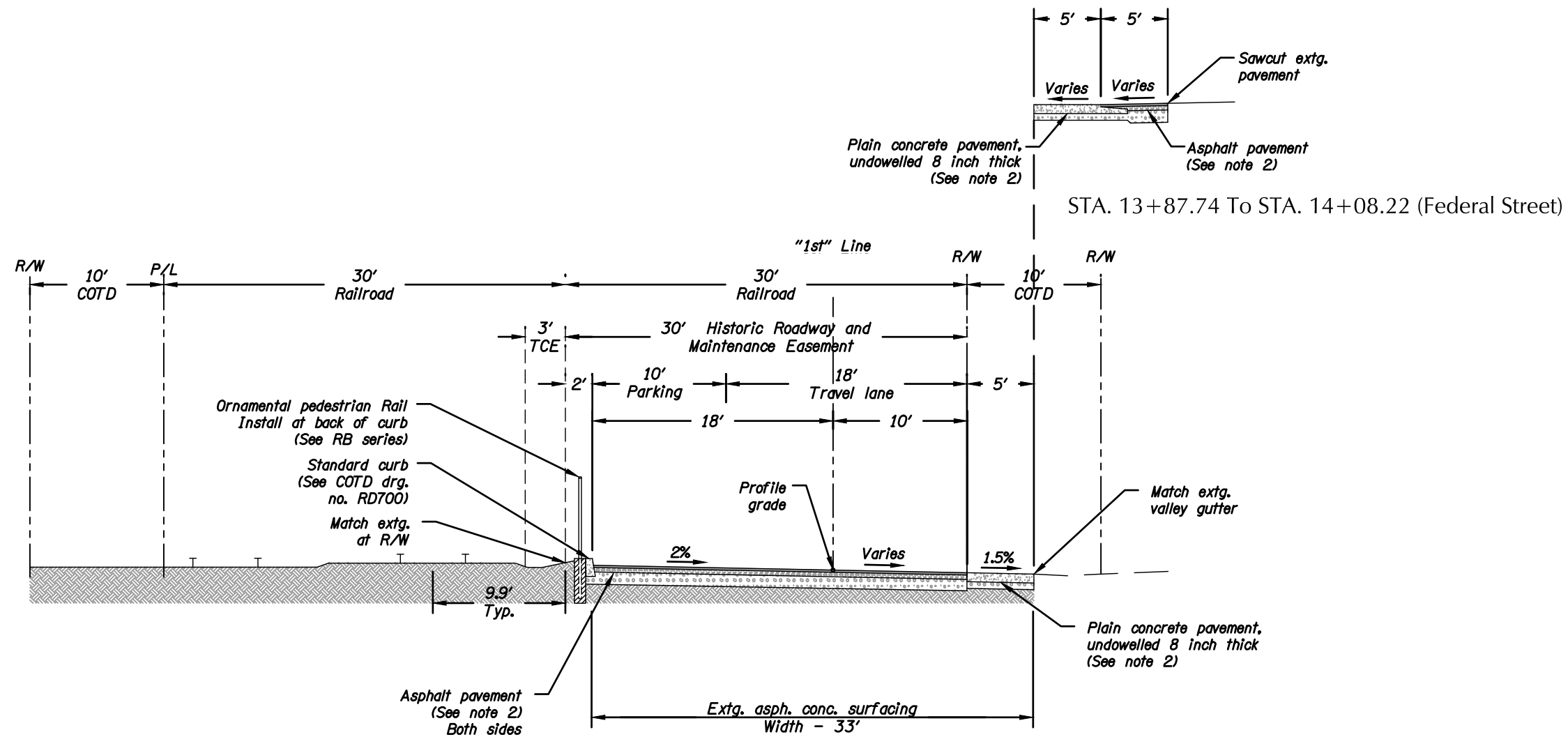
- NOTE:
1. All dimensions are shown in feet unless otherwise noted.
 2. For details, see sht. BB04.
 3. E=6" for all curb installations, except where noted others on BB and BC series sheets.
 4. Gutter slopes 4.0% max. at curb ramps. For additional grading details not shown, see BC series.

E. FIRST STREET

STA. 10+20 To STA. 13+00.00
* STA. 13+00.00 To STA. 13+87.74 (Full depth Pavement)

FOR
INFORMATION
ONLY

kpff Consulting Engineers 111 SW 5th Avenue Suite 2600 Portland, Oregon 97204 503-542-3660		The Hub of the Pacific Northwest THE DALLES OREGON UR
THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.		
TYPICAL SECTIONS		SHEET NO. BA02



E. FIRST STREET
STA. 13+87.74 To STA. 15+22.52

NOTE:

1. All dimensions are shown in feet unless otherwise noted.
2. For details, see sht. BB04.
3. E=6" for all curb installations, except where noted others on BB and BC series sheets.
4. Gutter slopes 4.0% max. at curb ramps. For additional grading details not shown, see BC series.

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**THE DALLES FIRST STREET PROJECT
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THE DALLES, OREGON
WASCO COUNTY

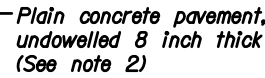
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

TYPICAL SECTIONS



SHEET
NO.

BA03

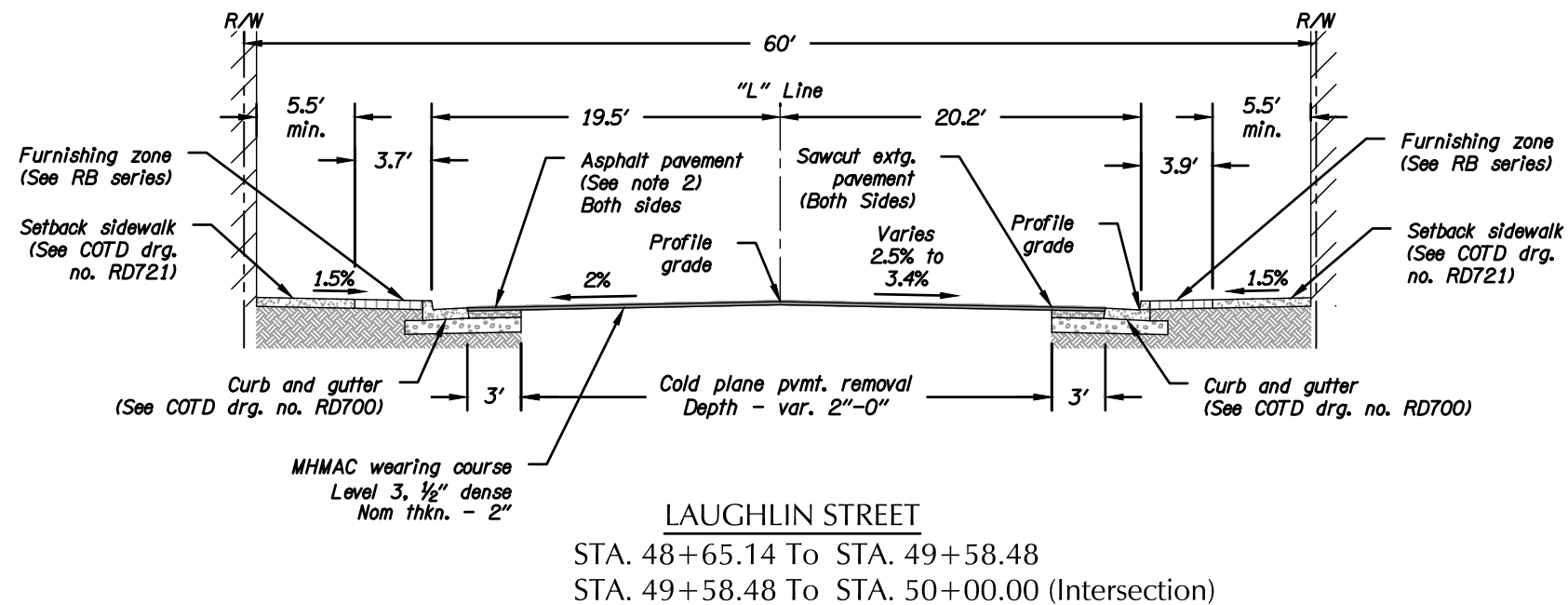
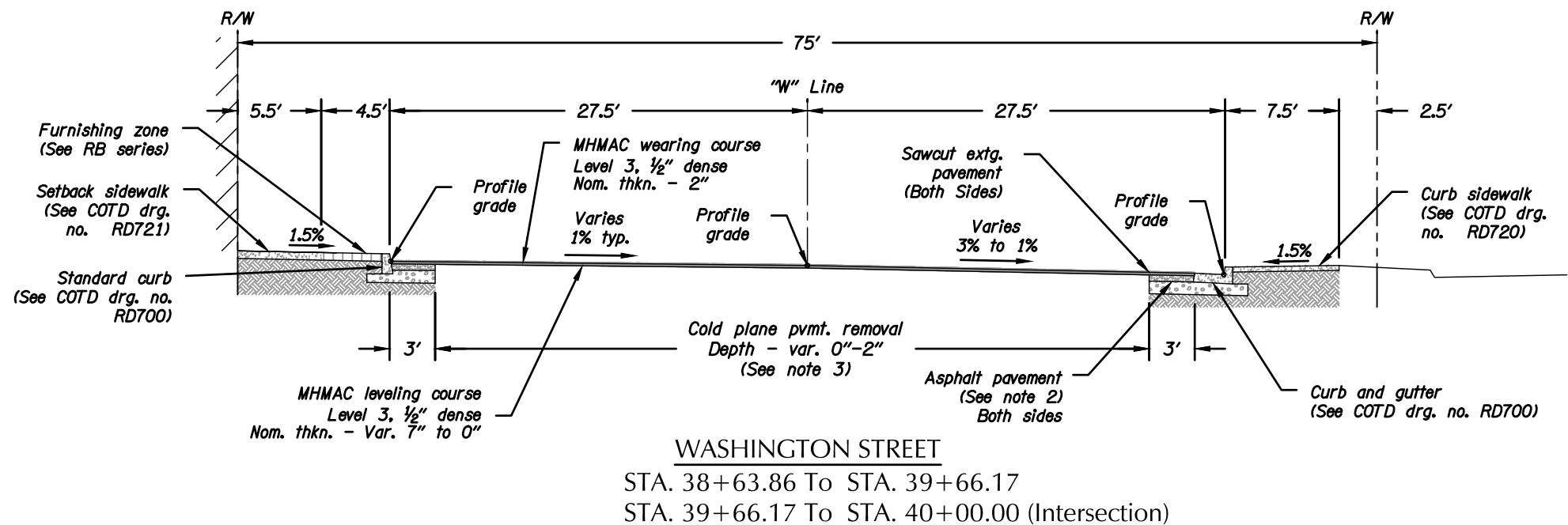
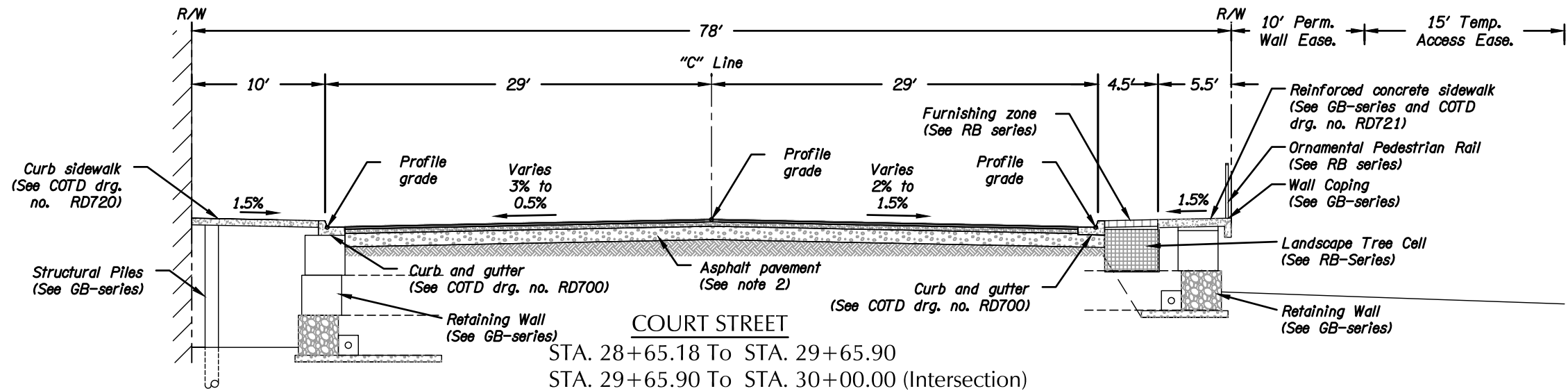


* STA. 15+91.66 To STA. 17+22.31



1. All dimensions are shown in feet unless otherwise noted.
2. For details, see sht. BB04.
3. E=6" for all curb installations, except where noted others on BB and BC series sheets.
4. Gutter slopes 4.0% max. at curb ramps. For additional grading details not shown, see BC series.

3A04 |



NOTE:

1. All dimensions are shown in feet unless otherwise noted.
2. For details, see sht. BB04.
3. E=6" for all curb installations, except where noted others on BB and BC series sheets.
4. Gutter slopes 4.0% max. at curb ramps. For additional grading details not shown, see BC series.
5. Cold plane for butt joint - 25' from south limit.

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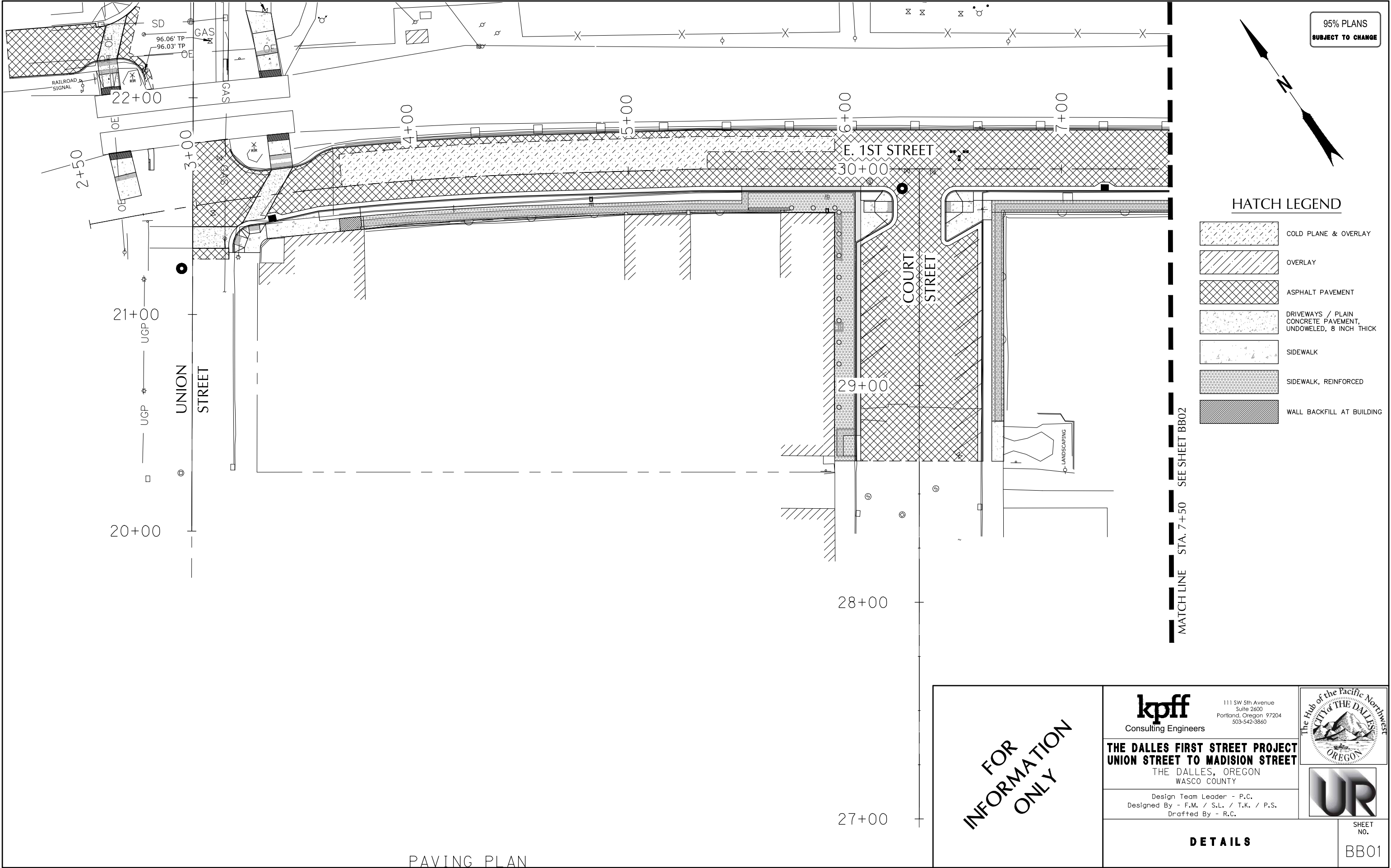


THE DALLS FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLS, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

TYPICAL SECTIONS

SHEET
NO.
BA05



95% PLANS
SUBJECT TO CHANGE

HATCH LEGEND

	COLD PLANE & OVERLAY
	OVERLAY
	ASPHALT PAVEMENT
	DRIVEWAYS / PLAIN CONCRETE PAVEMENT, UNDOWELED, 8 INCH THICK
	SIDEWALK
	SIDEWALK, REINFORCED
	WALL BACKFILL AT BUILDING

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**THE DALLES FIRST STREET PROJECT
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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

DETAILS

SHEET
NO.

BB02

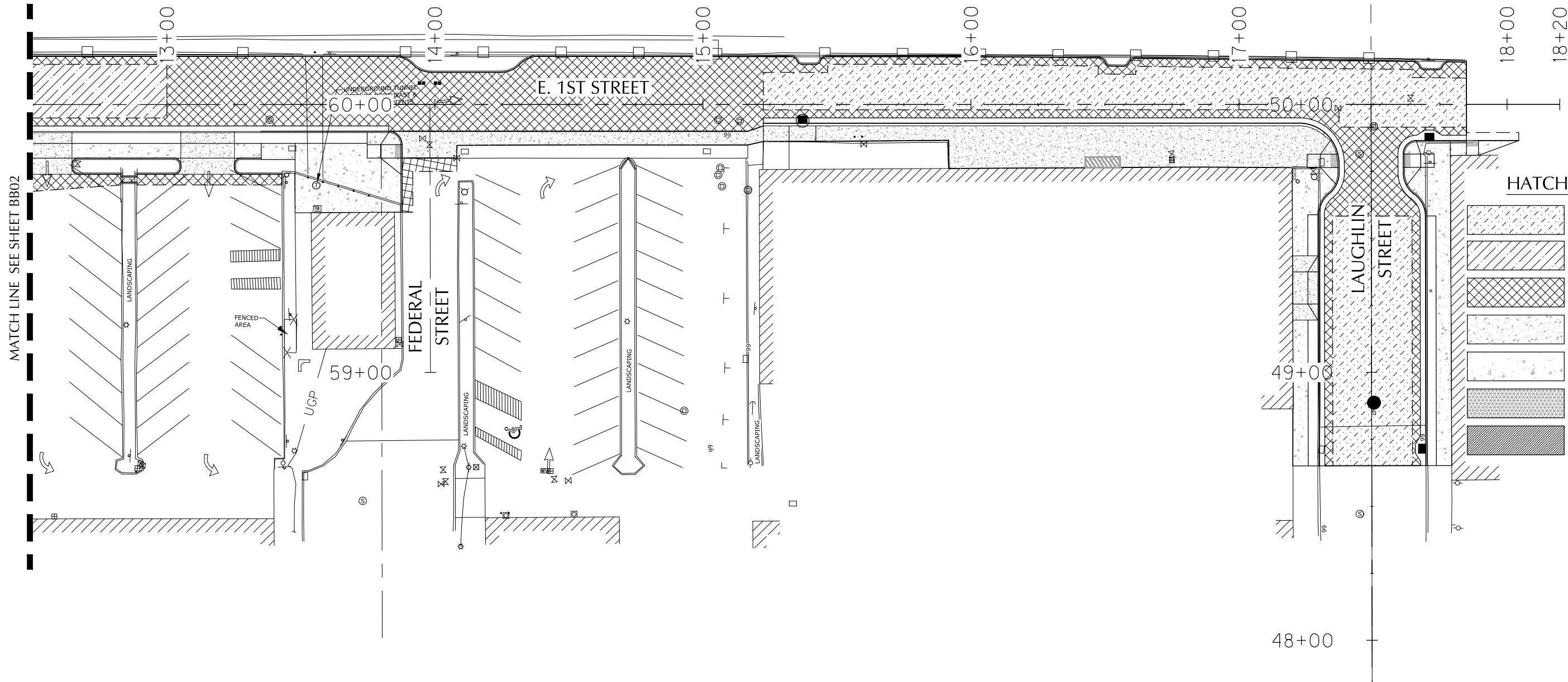
PAVING PLAN 37+00

MATCH LINE STA. 7+50 SEE SHEET BB01

MATCH LINE STA. 12+50 SEE SHEET BB03

95% PLANS

SUBJECT TO CHANGE



HATCH LEGEND

	COLD PLANE & OVERLAY
	OVERLAY
	ASPHALT PAVEMENT
	DRIVEWAYS / PLAIN CONCRETE PAVEMENT, UNDOWELED, 8 INCH THICK
	SIDEWALK
	SIDEWALK, REINFORCED
	WALL BACKFILL AT BUILDING

PAVING PLAN

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THE DALLES, OREGON
WASCO COUNTY

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Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

DETAILS

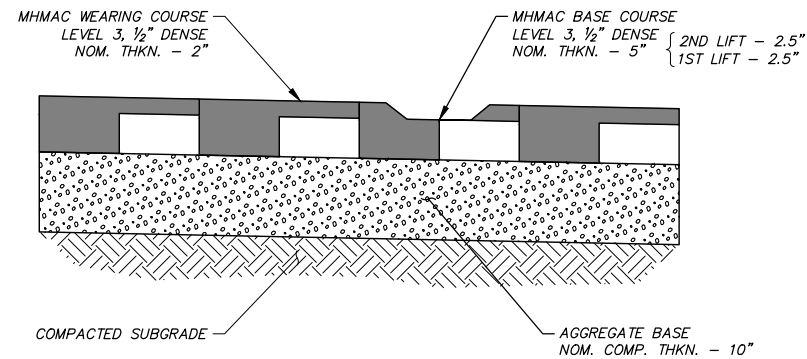


SHEET
NO.

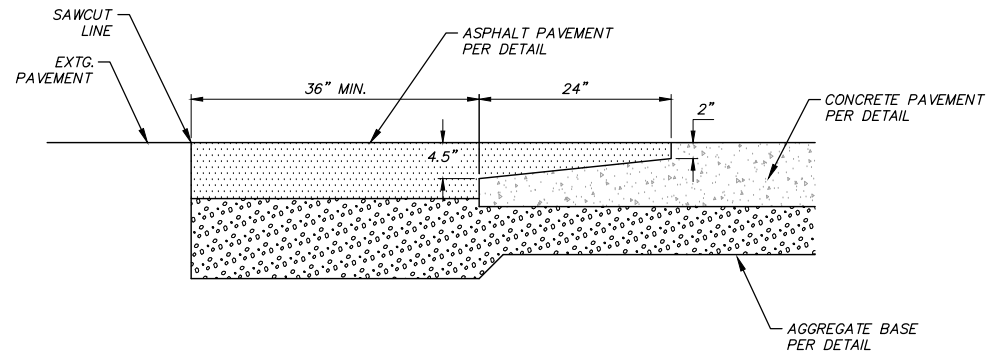
BB03

95% PLANS

SUBJECT TO CHANGE



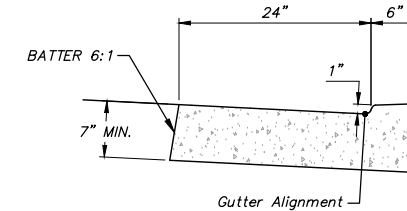
ASPHALT PAVEMENT



NOTES:

1. FOR USE AT FIRST AND UNION CROSSWALKS AND AT THE FEDERAL STREET CONNECTION.
2. JOINTS TO MATCH ADJACENT CONCRETE, SEE RB SERIES

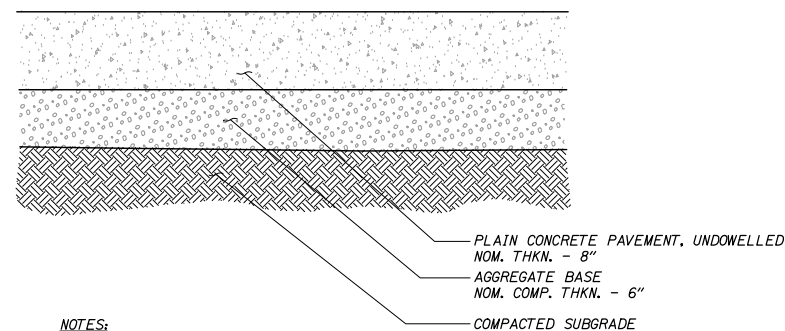
ASPHALT-CONCRETE TRANSITION



NOTES:

1. FOR SCORING REQUIREMENTS, SEE COTD DRG. NO. RD722 AND RB SERIES.

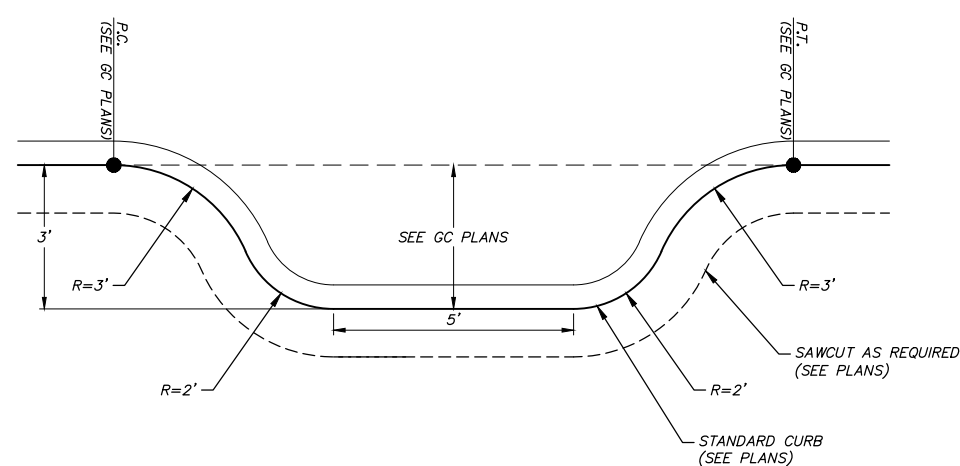
CONCRETE CURBS, CURB AND GUTTER, MODIFIED



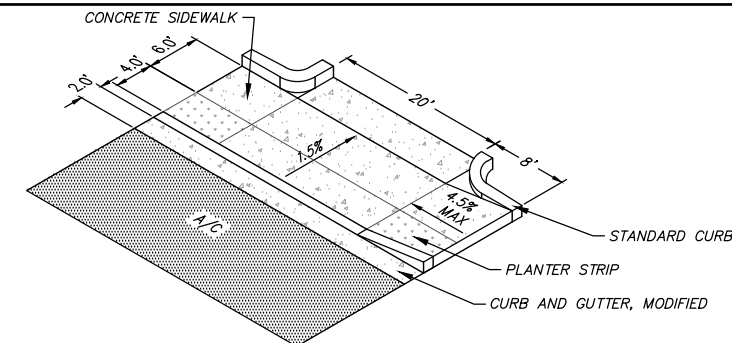
NOTES:

1. FOR SCORING, JOINT LAYOUT, AND DETAILS, REFER TO RB SERIES.
2. FOR CONSTRUCTION JOINTS, REFER TO ODOT DRG. NO. RD600
3. CONST. ASPHALT-CONCRETE TRANSITION WHERE ADJACENT TO NEW ASPHALT PAVEMENT.

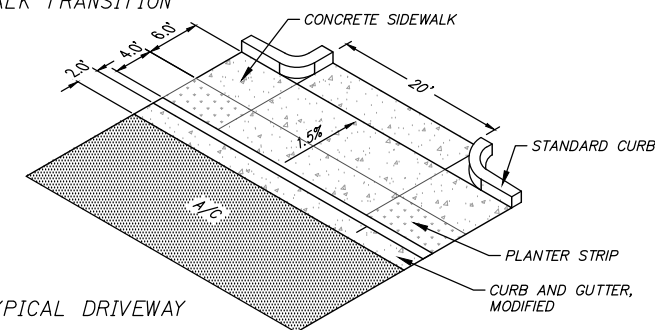
PLAIN CONCRETE PAVEMENT, UNDOWELLED, 8 INCH THICK



TYPICAL CURB EXTENSION

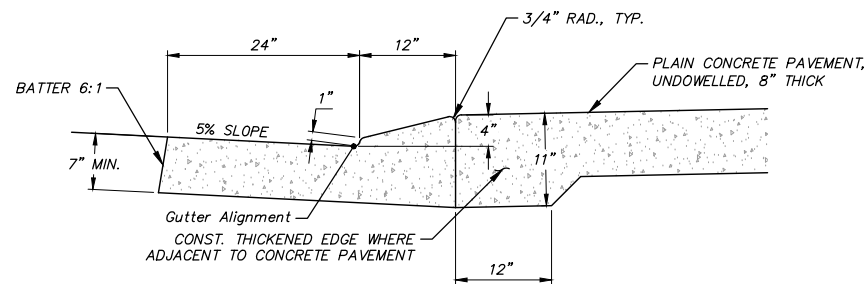


DRIVEWAY WITH SIDEWALK TRANSITION



TYPICAL DRIVEWAY

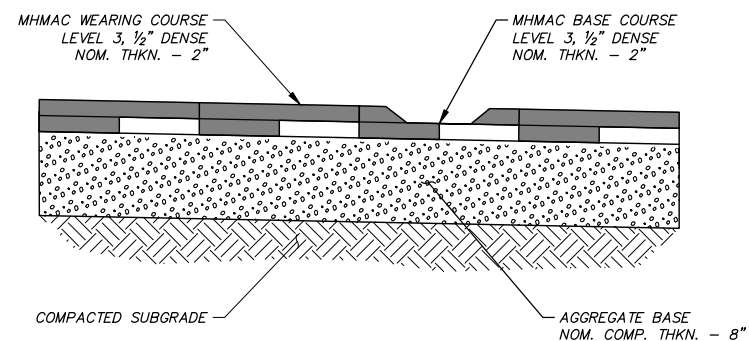
CONCRETE DRIVEWAY TO PARKING LOT



NOTES:

1. FOR SCORING REQUIREMENTS, SEE COTD DRG. NO. RD722 AND RB SERIES.

LOW PROFILE MOUNTABLE CURB AND GUTTER



ASPHALT PAVEMENT (PARKING, APPROACH AND WALK SECTION)

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WASCO COUNTY

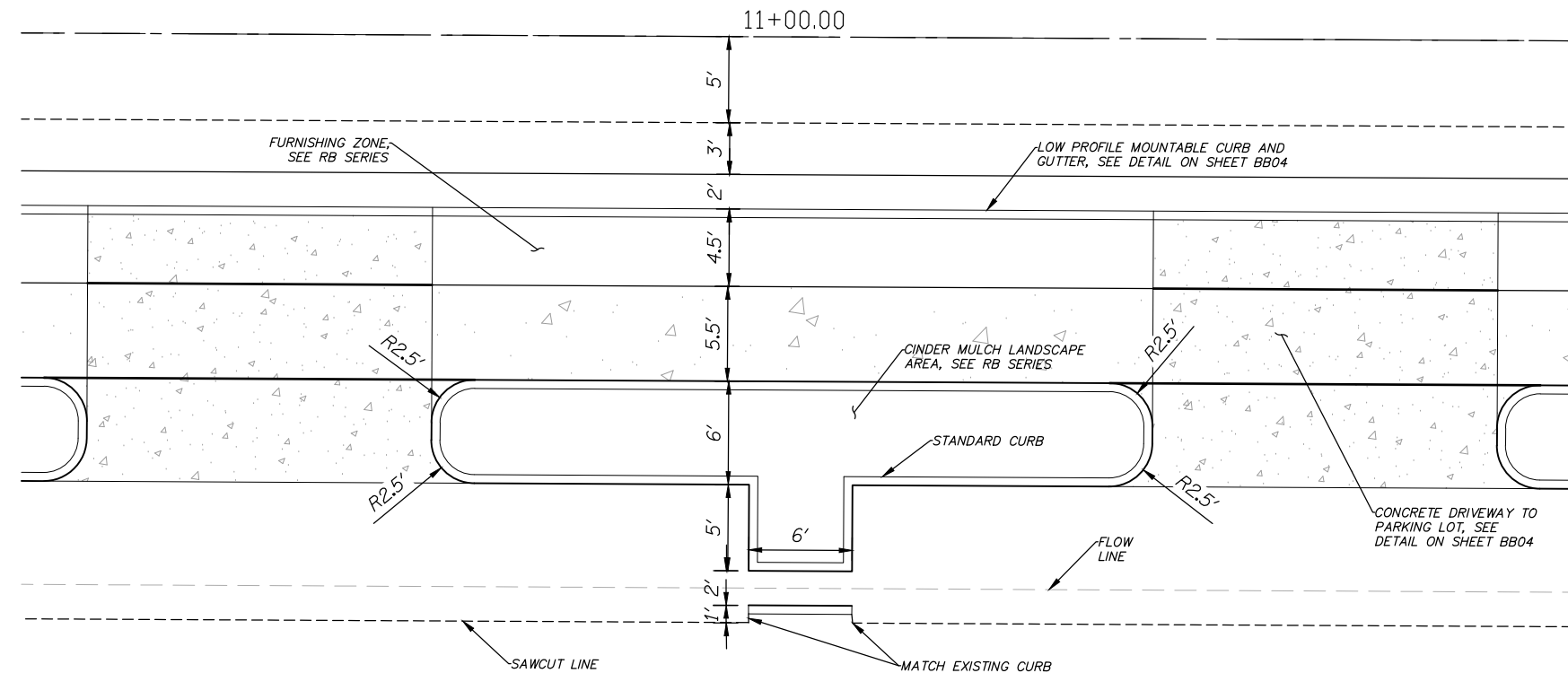
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

DETAILS

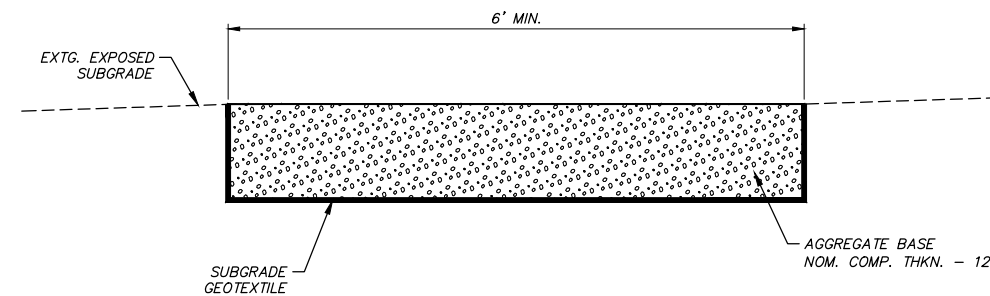


SHEET NO.

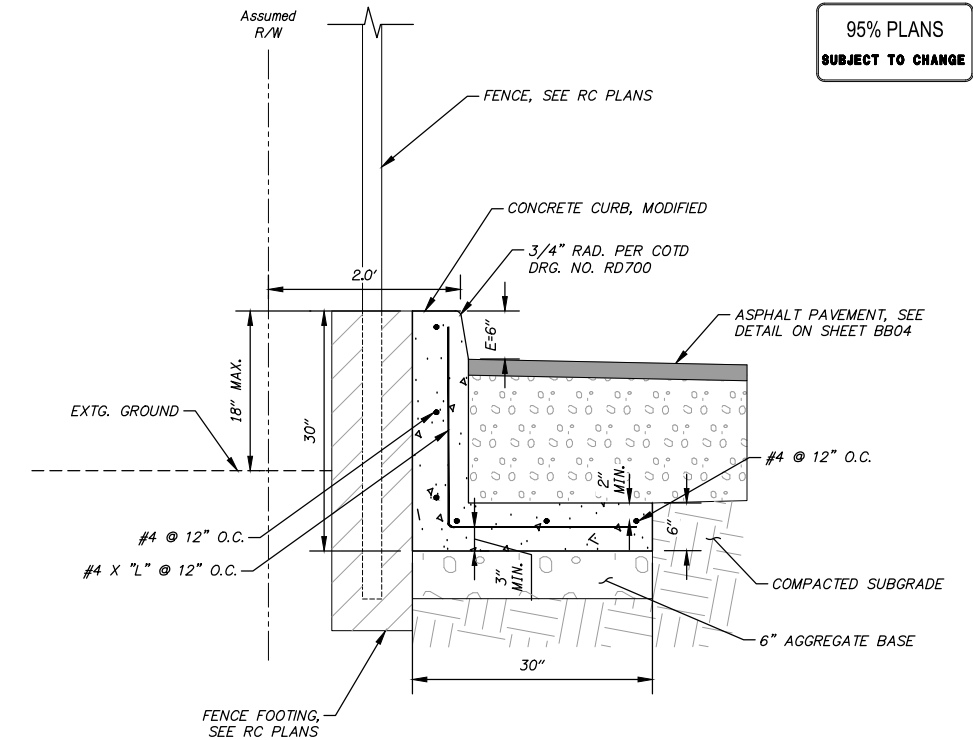
BB04



TYPICAL PARKING LOT
ISLAND CURB DETAIL



12" SUBGRADE STABILIZATION
(LOCATIONS AS DIRECTED)



MODIFIED CURB

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WASCO COUNTY

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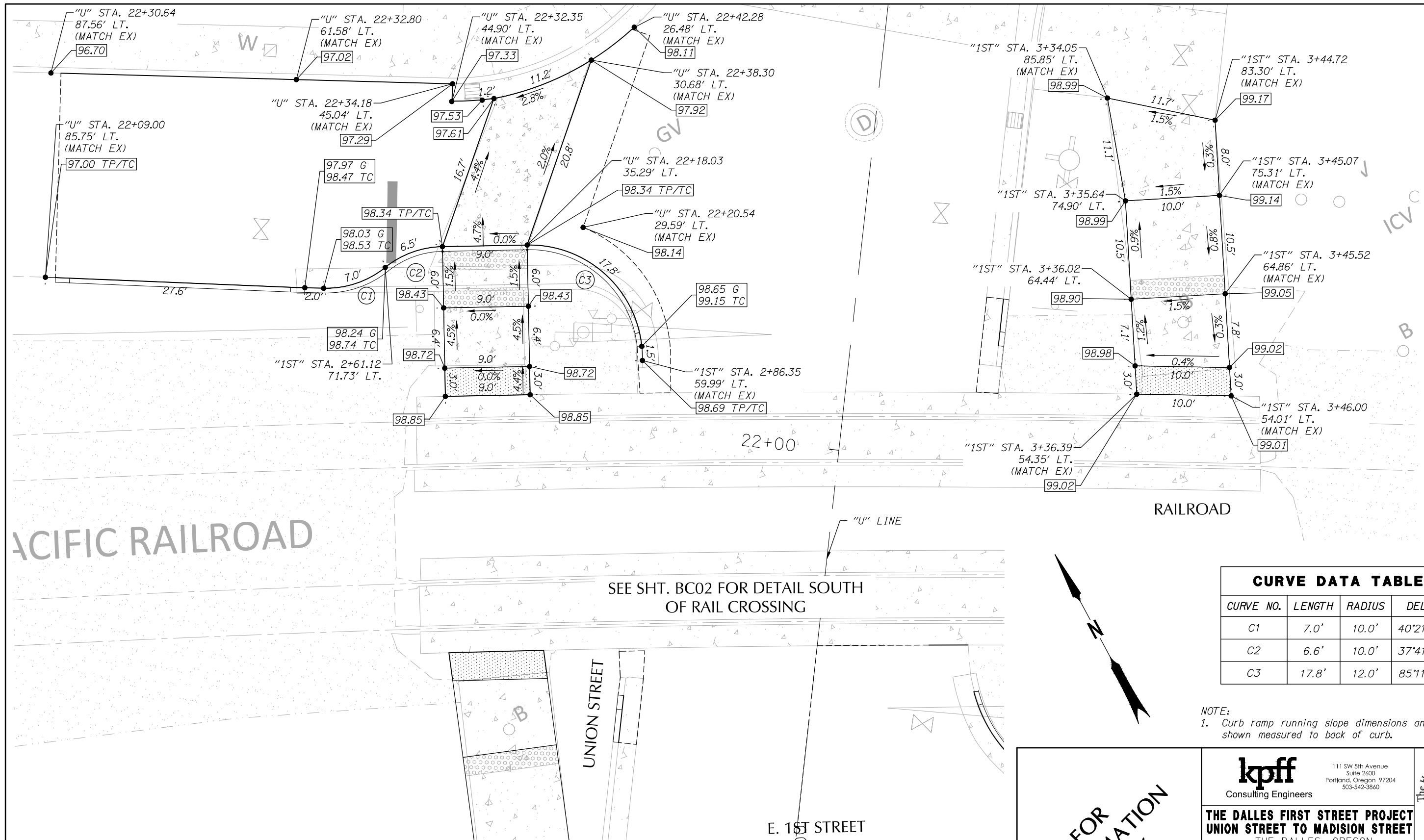


DETAILS

SHEET
NO.

BB05

95% PLANS
SUBJECT TO CHANGE



CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	7.0'	10.0'	40°21'52"
C2	6.6'	10.0'	37°41'39"
C3	17.8'	12.0'	85°11'53"

NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

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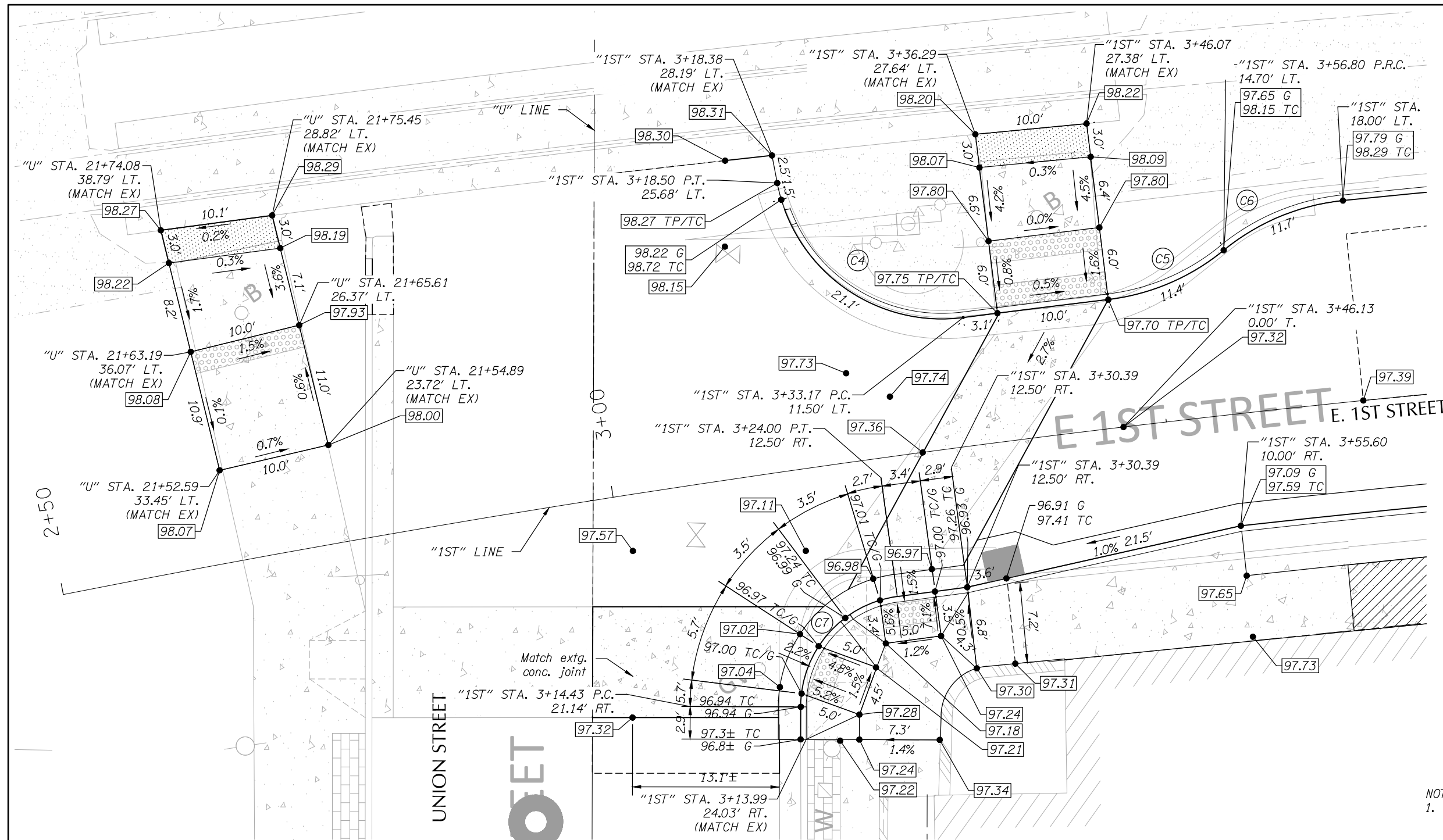
CURB RAMP DETAILS

HEET
NO.
C01

RAIL CROSSING GRADING, FIRST STREET AND UNION STREET

SCALE 1 INCH = 10 FEET

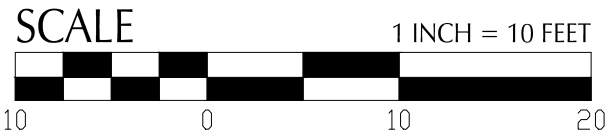
10 0 10 20



CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C4	22.6'	15.0'	86°21'12"
C5	11.4'	20.0'	32°36'48"
C6	11.7'	20.0'	33°37'02"
C7	14.3'	10.0'	82°00'40"

NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

INTERSECTION GRADING, FIRST STREET AND UNION STREET



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UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

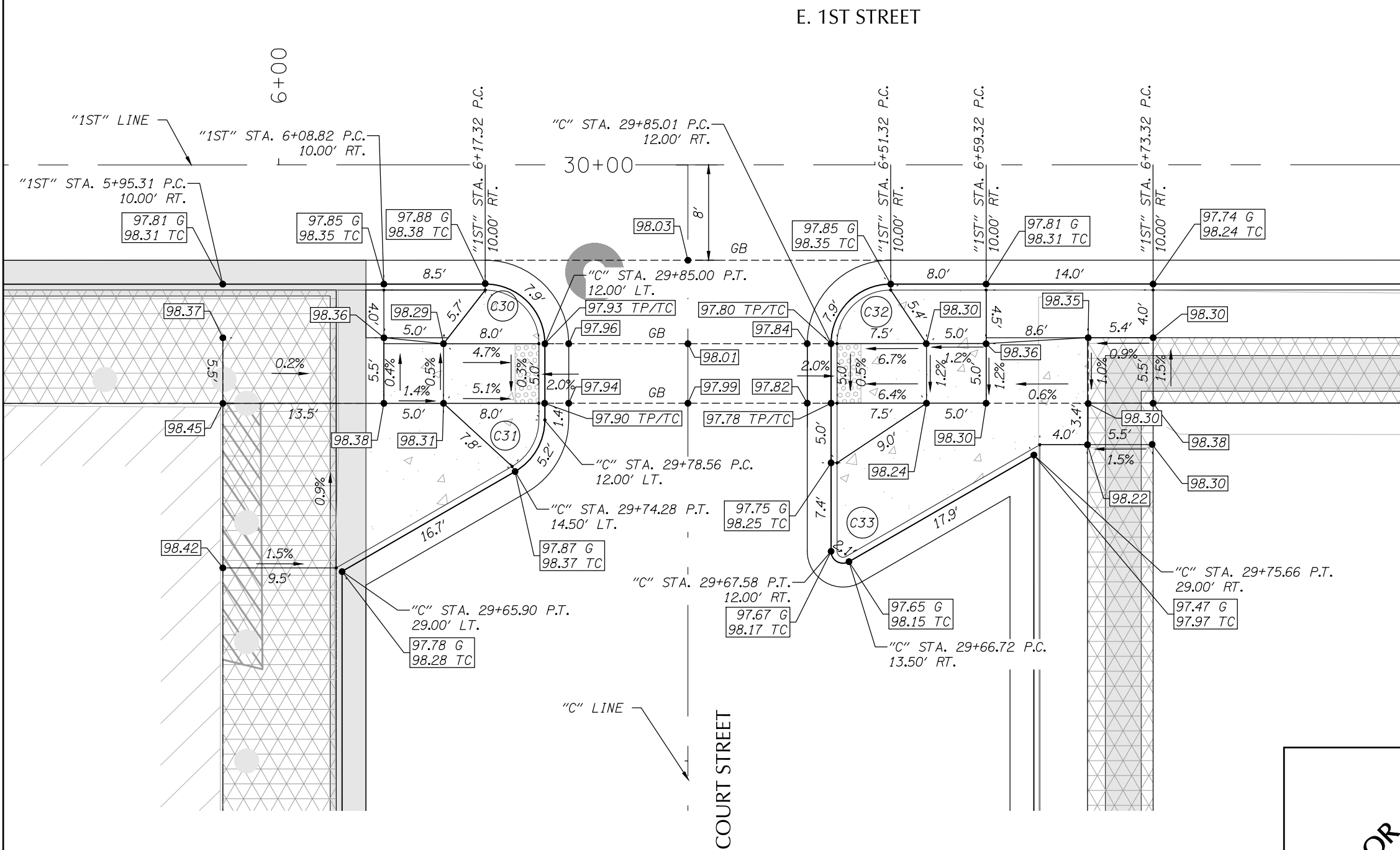
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

CURB RAMP DETAILS

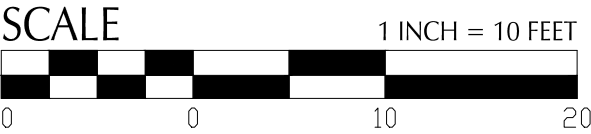


SHEET
NO.
BC02

NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.



INTERSECTION GRADING, FIRST STREET AND COURT STREET



CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C30	7.9'	5.0'	90°00'24"
C31	4.7'	4.5'	59°59'24"
C32	7.9'	5.0'	89°59'36"
C33	2.1'	1.0'	119°59'44"

NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

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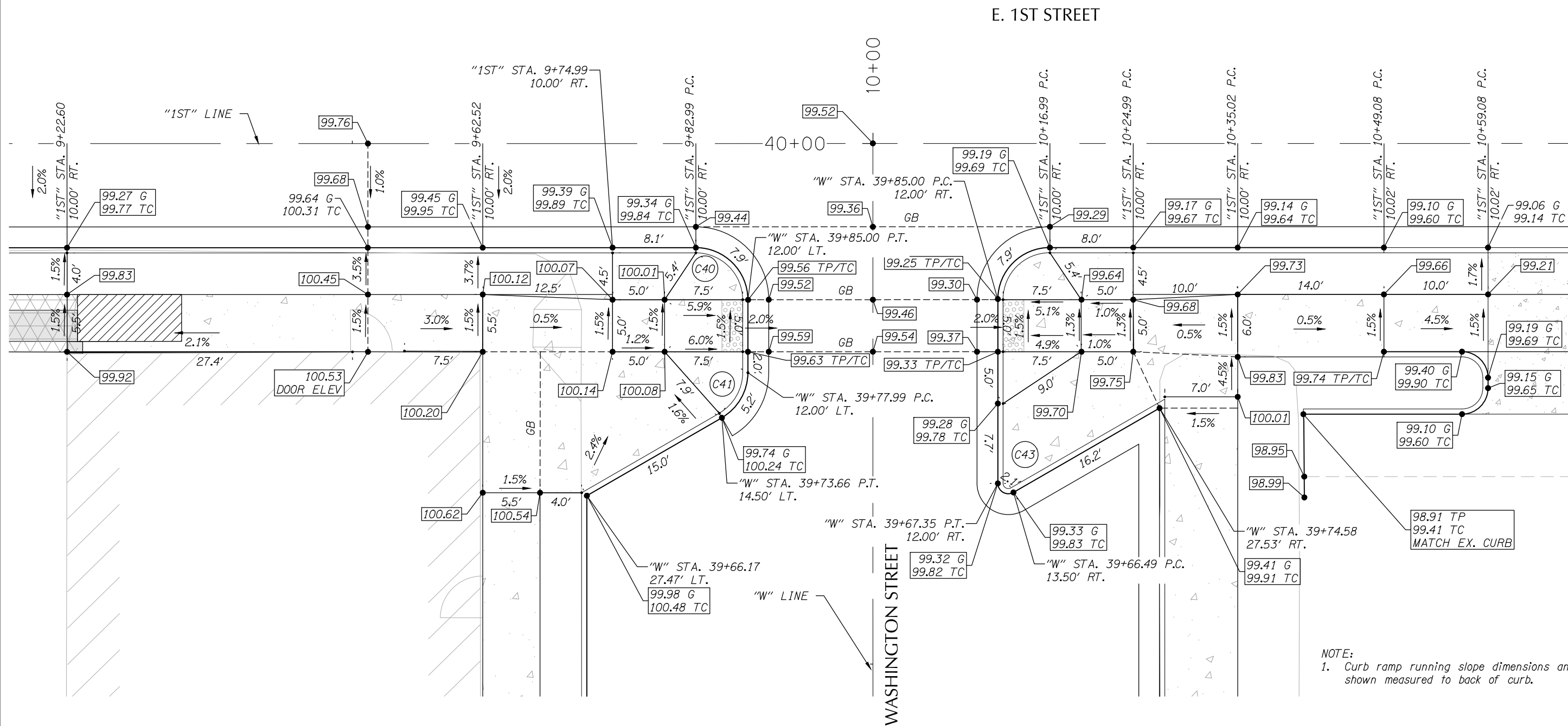
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

CURB RAMP DETAILS



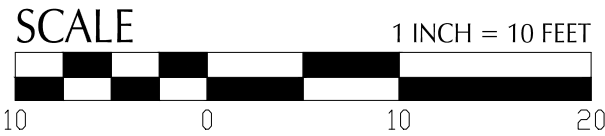
SHEET
NO.
BC03



NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C43	2.1'	1.0'	119°59'20"

INTERSECTION GRADING, FIRST STREET
AND WASHINGTON STREET



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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
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Drafted By - R.C.

CURB RAMP DETAILS

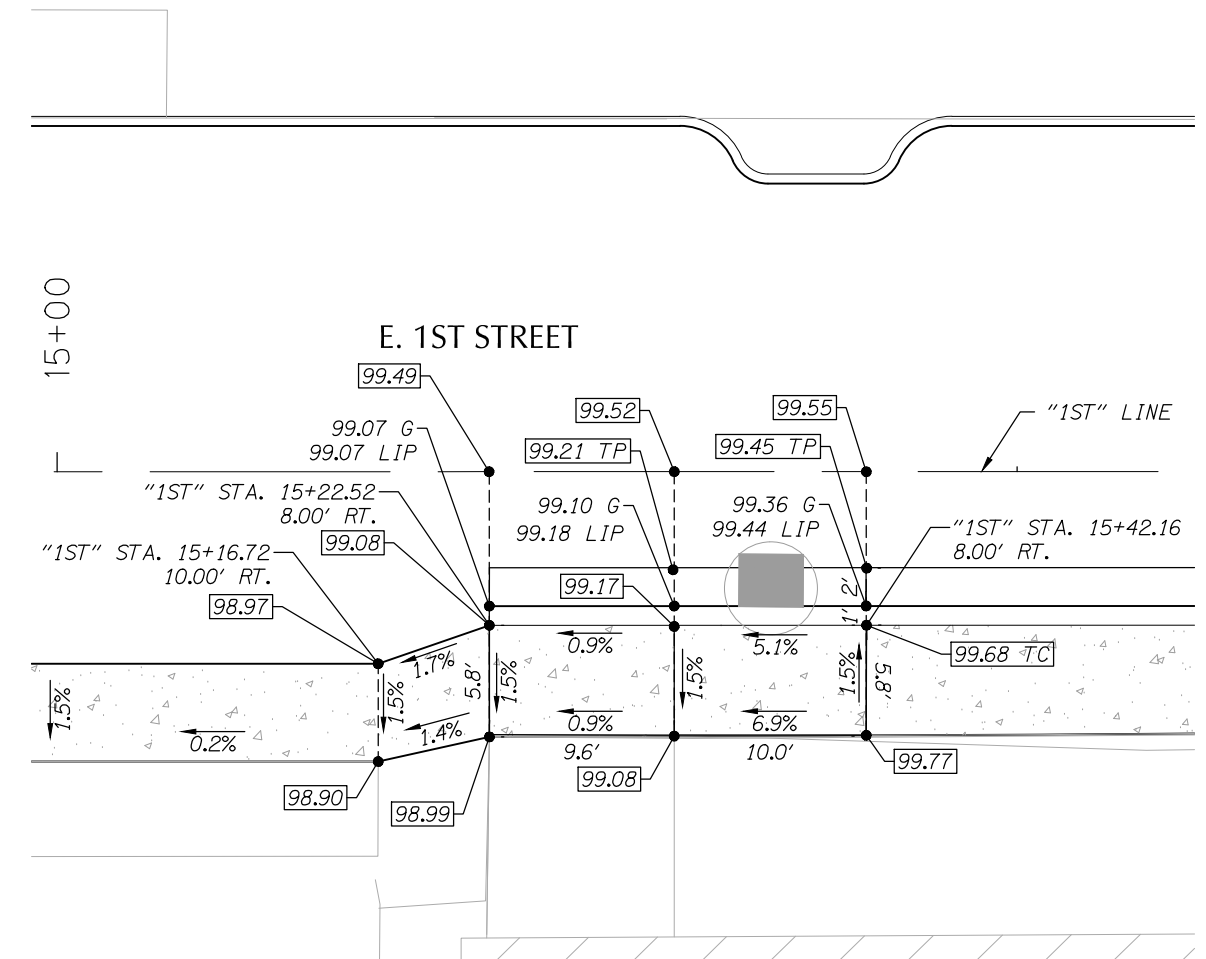
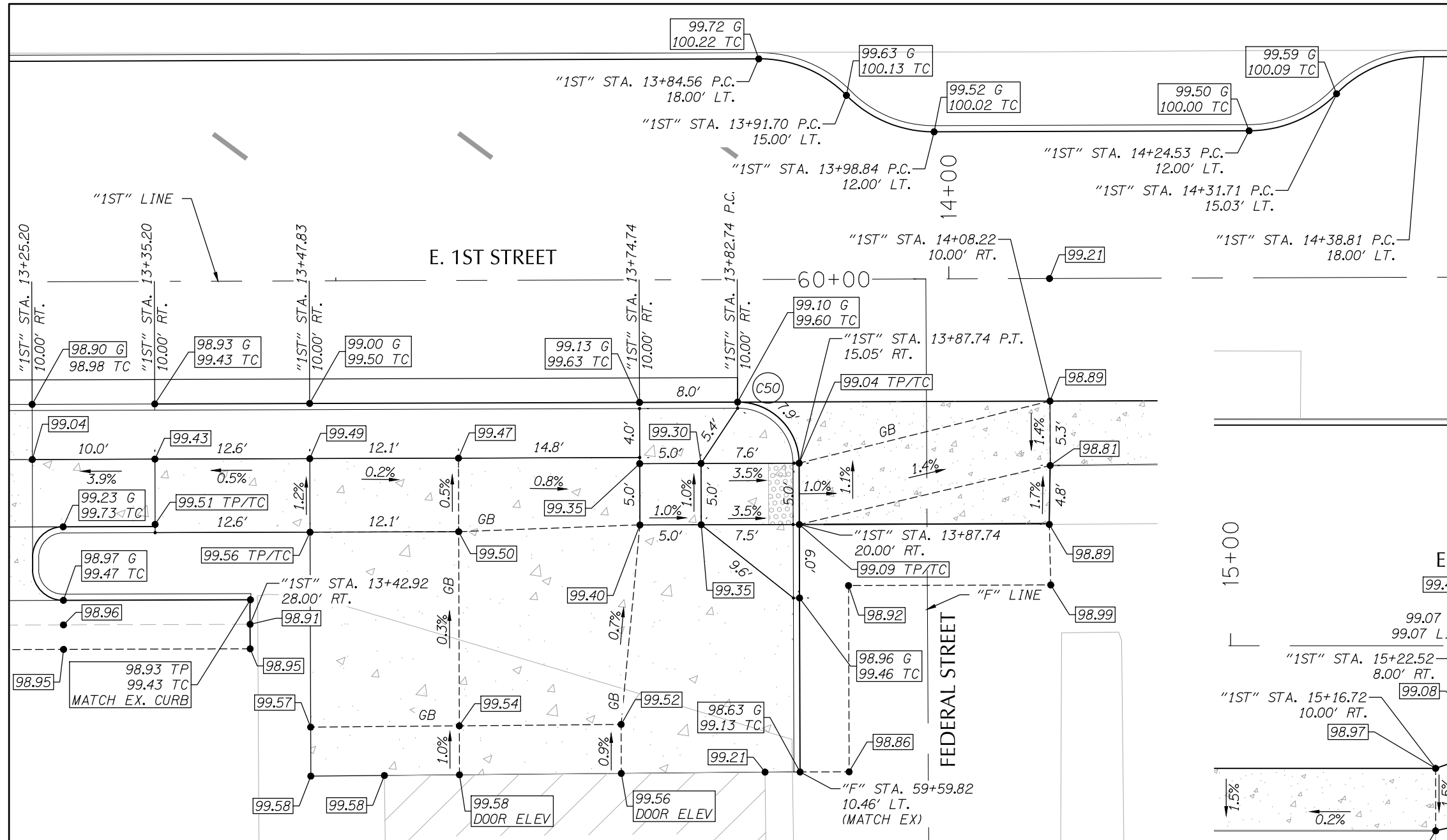
SHEET NO.
BC04

95% PLANS
SUBJECT TO CHANGE

NOTE:

1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C50	7.8'	5.1'	86°47'42"



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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

CURB RAMP DETAILS

SHEET
NO.

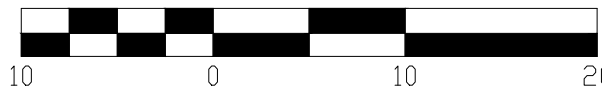
BC05

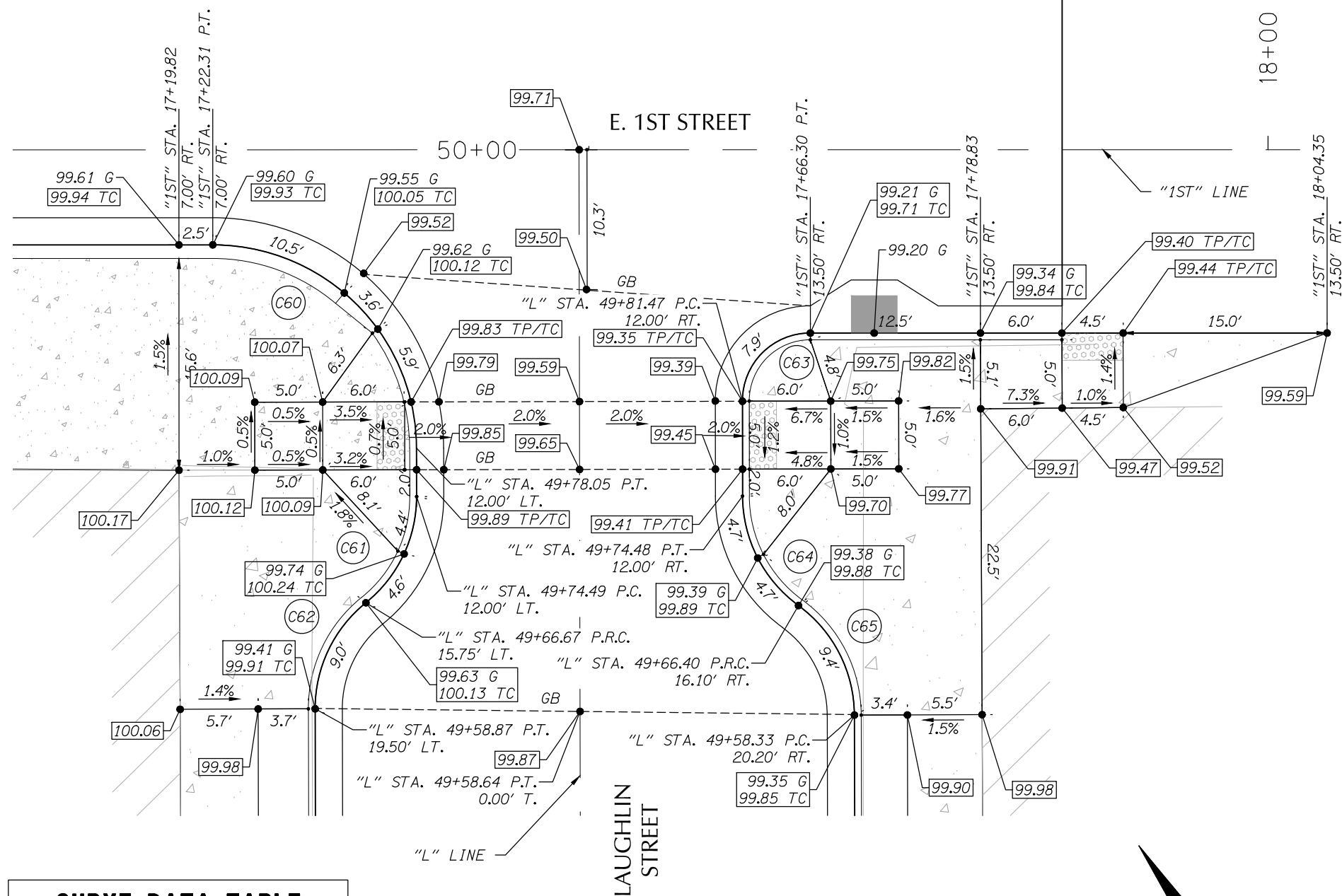


INTERSECTION GRADING, FIRST STREET AND FEDERAL STREET

SCALE

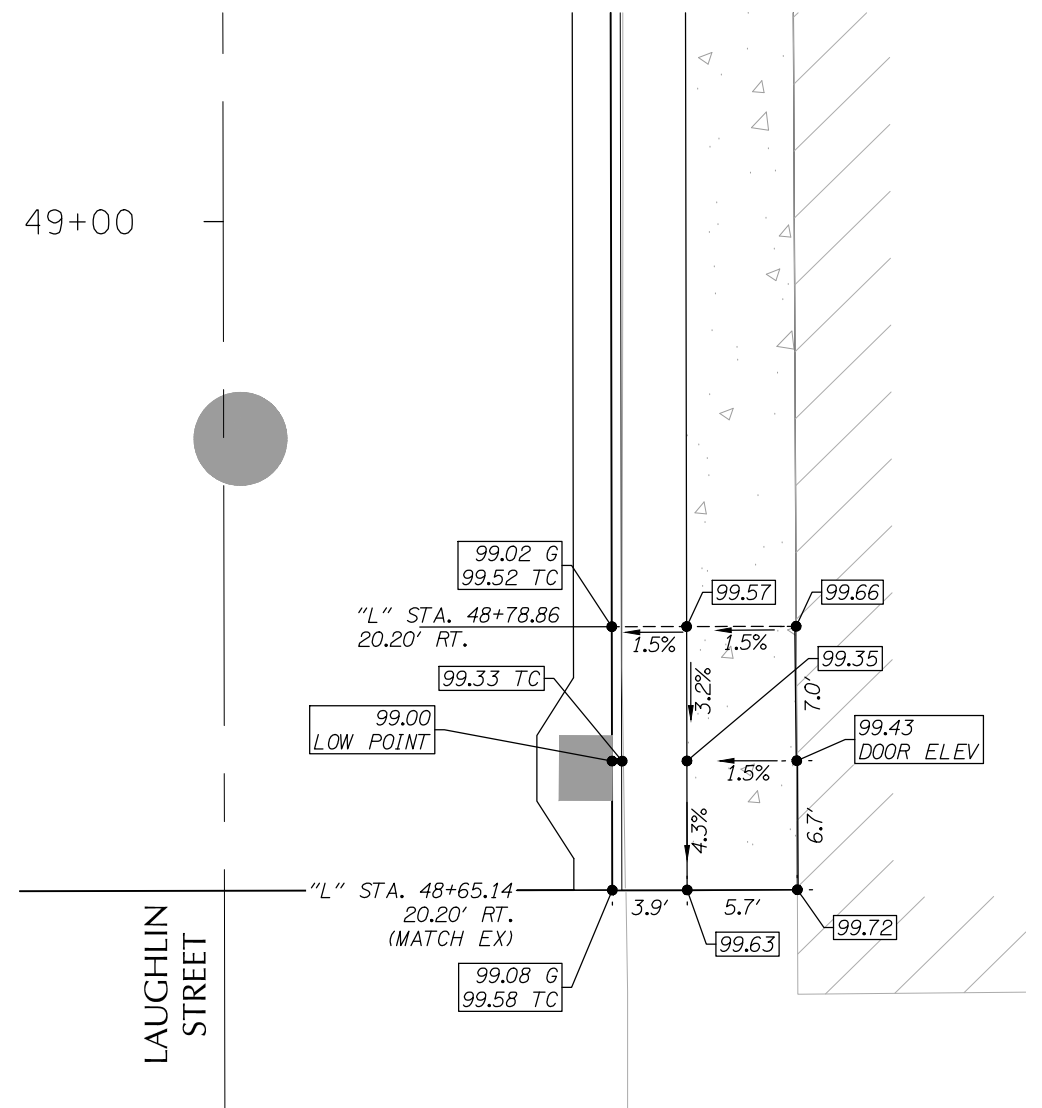
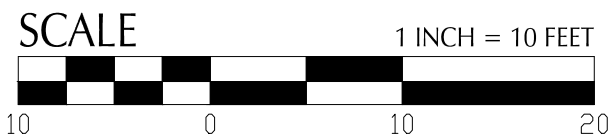
1 INCH = 10 FEET





CURVE DATA TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C60	14.2'	15.0'	54°06'39"
C61	9.0'	10.0'	51°19'04"
C62	9.4'	10.5'	51°19'04"
C63	7.9'	5.0'	90°06'15"
C64	9.4'	10.0'	53°50'35"
C65	9.4'	10.0'	53°50'35"

INTERSECTION GRADING, FIRST
STREET AND LAUGHLIN STREET



NOTE:
1. Curb ramp running slope dimensions and slopes are shown measured to back of curb.

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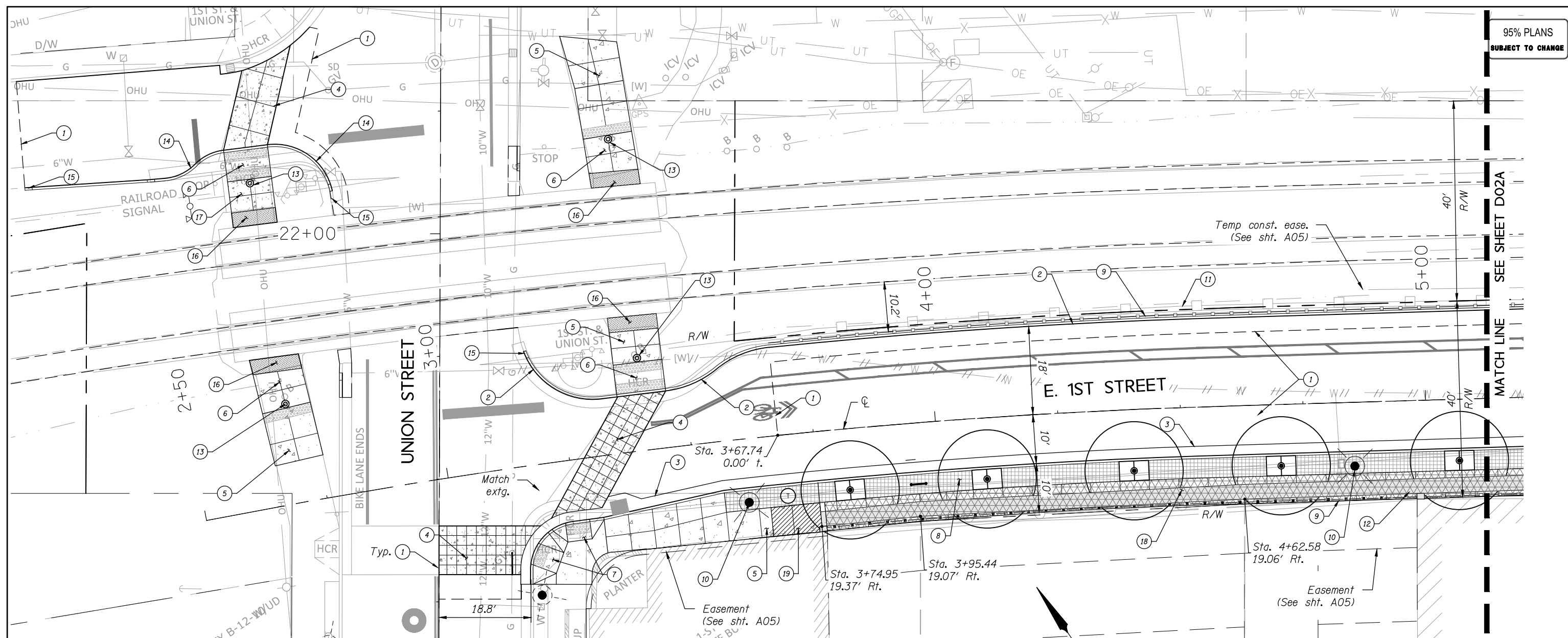
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

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CITY OF THE DALLES
OREGON

CURB RAMP DETAILS

SHEET
NO.
BC06



95% PLANS
SUBJECT TO CHANGE

SEE SHEET D02A
MATCH LINE

- 1 Sawcut extg. pavement
 - 2 Const. standard curb
(See COTD drg. no. RD700)
 - 3 Const. curb and gutter
(See COTD drg. no. RD700)
 - 4 Remove concrete surfacing
Const. Plain concrete pavement,
undowelled 8 inch thick
(For details and scoring,
see sht. BB04 & RB series)
 - 5 Remove sidewalk
Const. separated P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD721 & RD722)
 - 6 Const. sidewalk ramp
(For details, see sht. BC01 & BC02)
(See COTD drg. no. RD755 & RD758)
 - 7 Const. curb ramp
(For details, see sht. BC02)
(See COTD drg. no. RD755, RD756,
RD758, RD759)
 - 8 Furnishing zone
(For details, see RB series)
 - 9 Const. ornamental pedestrian rail
(For details, see RB series)
 - 10 Inst. luminaire
(For locations, see RB series)
(For details, see PA series)
 - 11 Remove extg. guardrail - 1,425'
 - 12 Remove extg. fence - 190'
 - 13 Remove extg. bollard
Inst. bollard
(For details, see RB series)
 - 14 Remove curb
Const. mountable curb
(See COTD drg. no. RD700)
 - 15 Const. curb ending
(See COTD drg. no. RD700)
 - 16 Const. asph. conc. sidewalk
(For details, see sht. BB04)
 - 17 Remove sidewalk
Const. P.C. sidewalk - 6" thick
(For scoring, see BG series)
(See COTD drg. no. RD721 & RD722)
 - 18 Sta. 3+76+00 to 6+04.32, Rt.
Remove sidewalk
Remove extg. rock walls
Remove extg. basalt wall
Const. retaining wall
Const. reinforced conc. sidewalk
(For details, see GB series)
(For scoring, see RB series)
(See COTD drg. no. RD722)
 - 19 Wall backfill at building face
(for details, see sht. BB04)
- SCALE 1 INCH = 20 FEET
- 20 0 20 40

NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.

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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

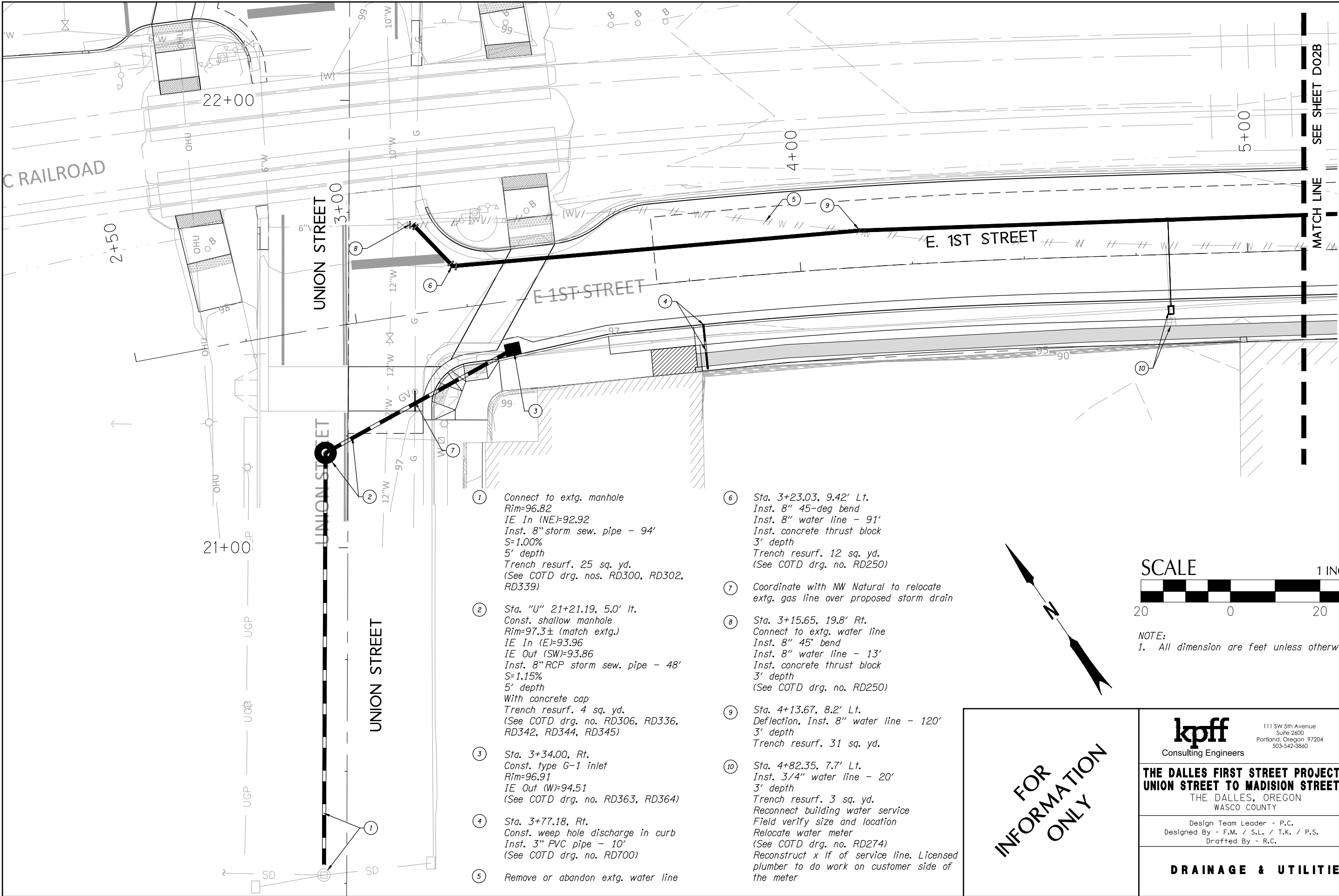
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

GENERAL CONSTRUCTION

The Hub of the Pacific Northwest
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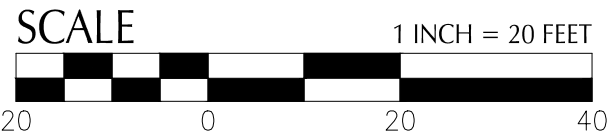
UR

SHEET NO.
D01A



95% PLANS
SUBJECT TO CHANGE

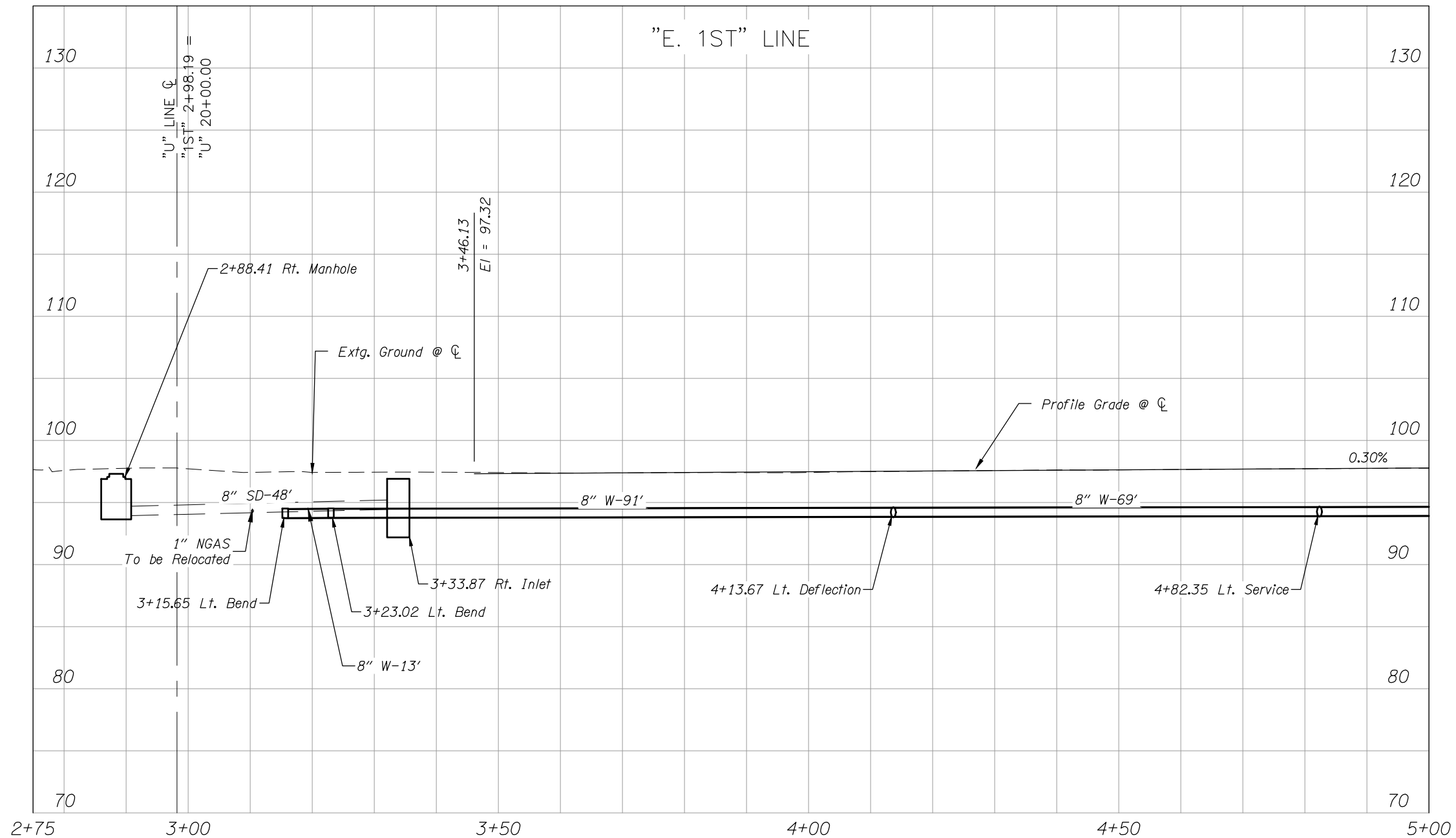
SEE SHEET D02B
MATCH LINE



NOTE:
1. All dimension are feet unless otherwise noted.

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THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY	
Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.	
DRAINAGE & UTILITIES	
SHEET NO. D01B	



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE



SHEET
NO.

D01C

This engineering plan view illustrates a section of E. 1st Street. The street is oriented horizontally with stationing increasing from left to right. Key features include:

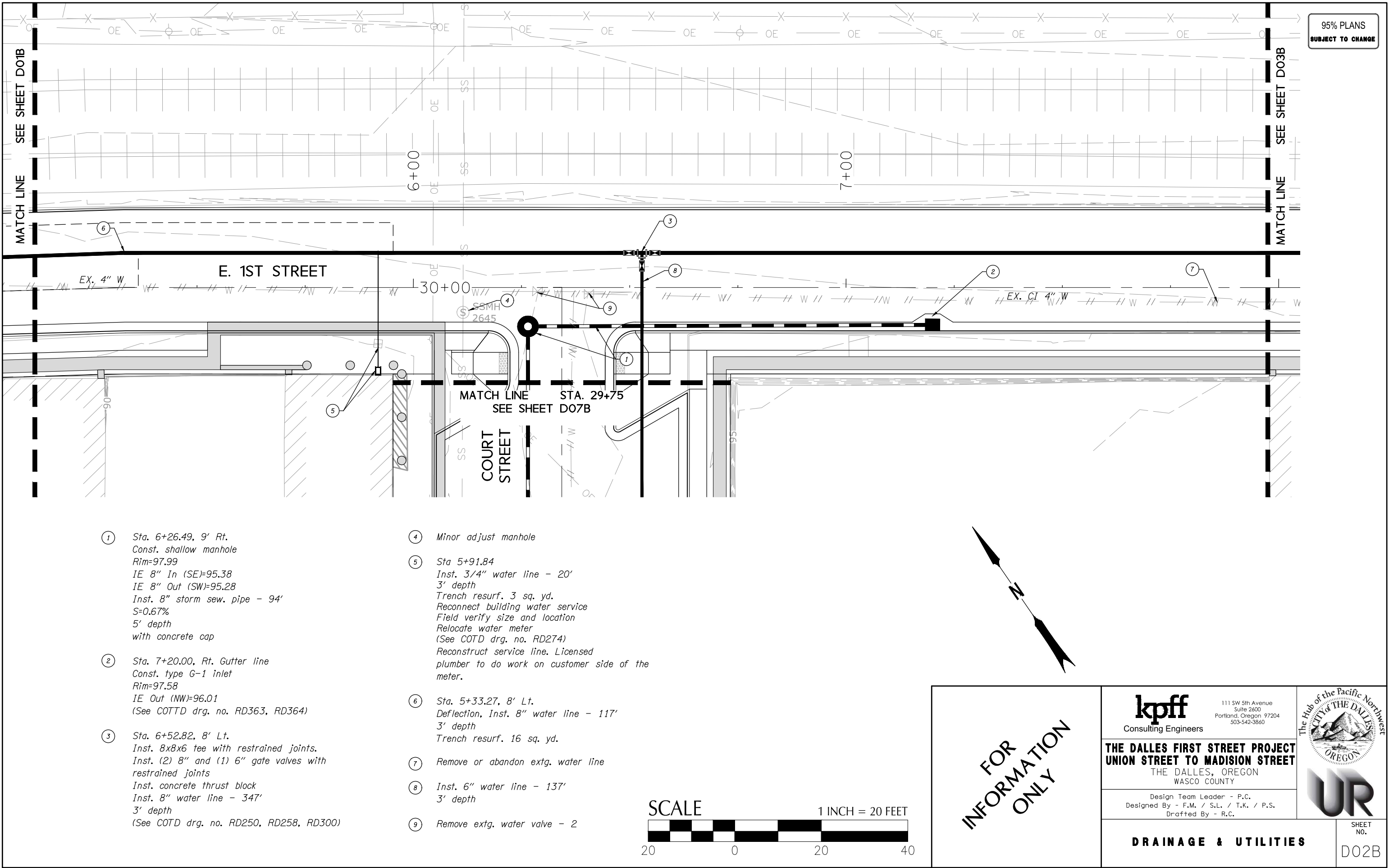
- Match Lines:** Vertical dashed lines at both ends, labeled 'MATCH LINE SEE SHEET D01A' on the left and 'MATCH LINE SEE SHEET D03A' on the right.
- Stationing:** Major stations are marked at 6+00 and 7+00. Specific points are labeled with station numbers and right-of-way (Rt.) dimensions: Sta. 5+55.42 (11.00' Rt.), Sta. 5+95.32 (0.00' t.), Sta. 6+04.32 (11.00' Rt.), and Sta. 6+72.32 (19.00' Rt.).
- Easements:** Two 'Temp const. ease.' (temporary construction easements) are indicated, one near Sta. 5+55.42 and another near Sta. 6+72.32, both referencing 'See sht. A05'.
- Other Labels:** 'R/W' (Right of Way) is marked at several points. A 'COURT STREET' is shown intersecting from the bottom. A 'Easement' is noted at the bottom left, also referencing 'See sht. A05'.
- Annotations:** Various numbered callouts (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) point to specific features, structures, or survey points along the street alignment.

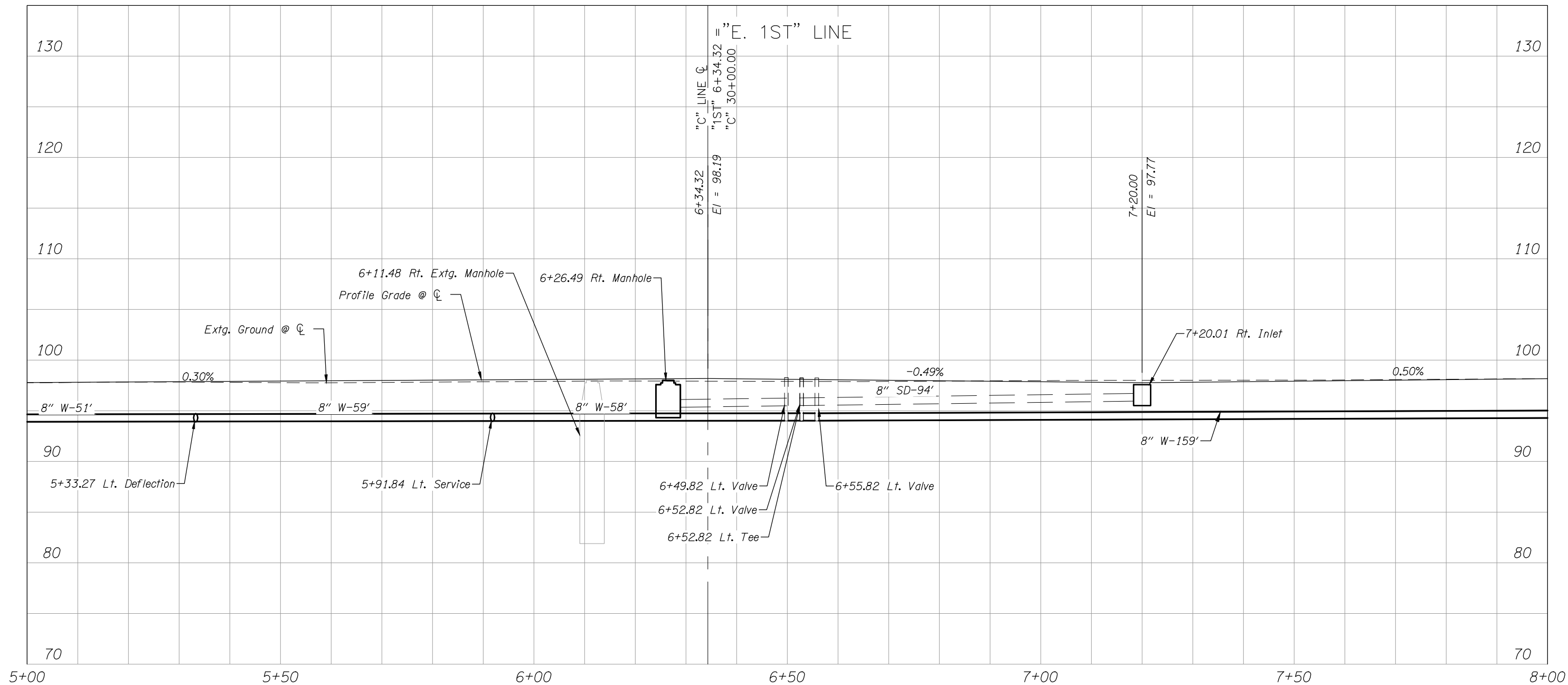
- SCALE** 1 INCH = 20 FEET
-
- 20 0 20 40

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002A





SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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THE DALLES, OREGON
WASCO COUNTY

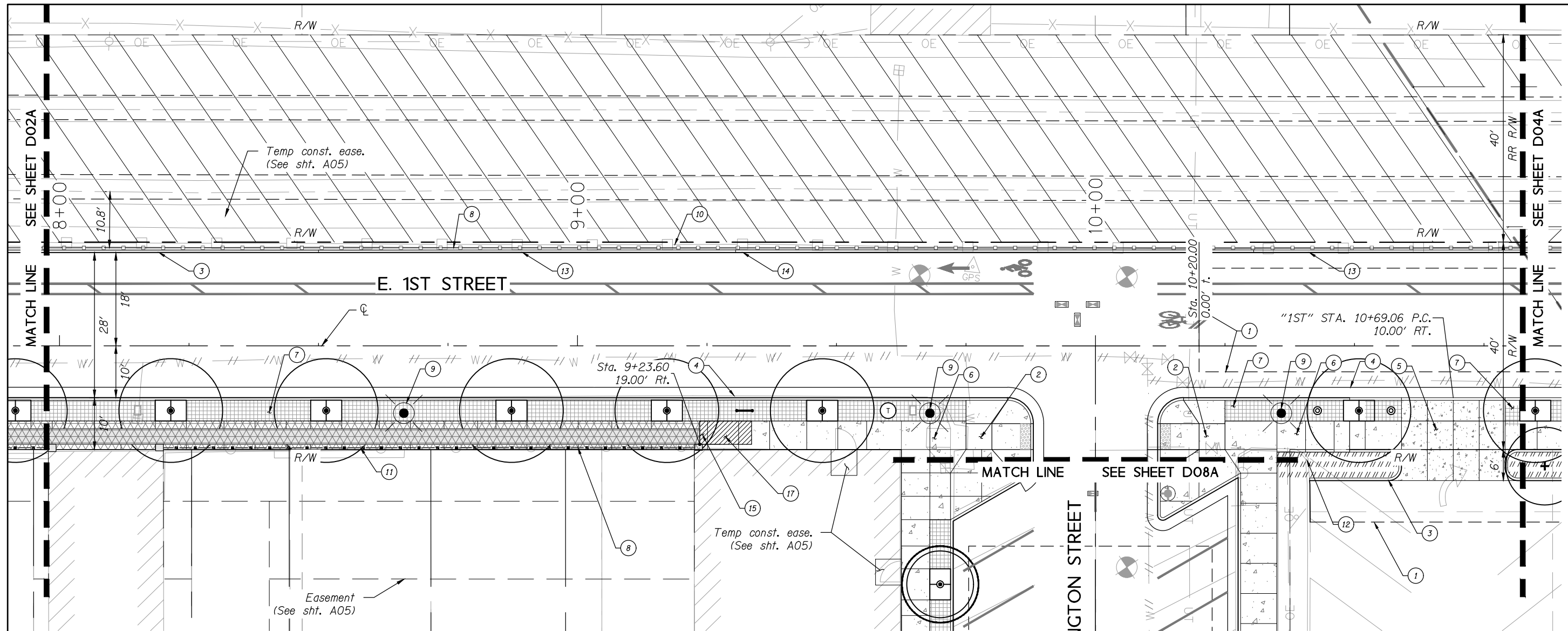
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE

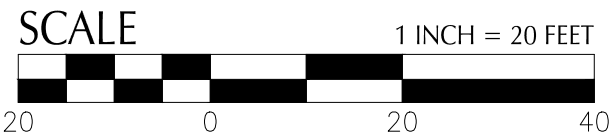


SHEET
NO.

D02C



- 1 Sawcut extg. pavement
- 2 Const. curb ramp
(For details, see sht. BC04)
- 3 Const. standard curb
- 4 Const. curb and gutter
- 5 Const. Conc. dwy (commercial)
(For details, see sht. BB04)
(See COTD drg. no. RD740)
- 6 Remove sidewalk
Const. separated P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD721 & RD722)
- 7 Furnishing zone
(For details, see RB series)
- 8 Const. ornamental pedestrian rail
(For details, see RB series)
- 9 Inst. luminaire
(For locations, see RB series)
(For details, see PA series)
- 10 See sht. D01A, note 11
Remove extg. guardrail
- 11 Remove extg. railing - 104'
- 12 Remove extg. curb
- 13 Const. modified standard curb
Sta. 8+50 to Sta. 9+25
Sta. 10+25 to Sta. 11+75
(For details, see sht. BA01 & BA02)
- 14 Const. modified curb
Sta. 9+25 to Sta. 10+25
(For details and location, see sht. BA01)
- 15 See sht. D02A, note 14
- 16 Remove sidewalk
Const. separated P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD721 & RD722)
- 17 Wall backfill at building face
(for details, see sht. BB04)

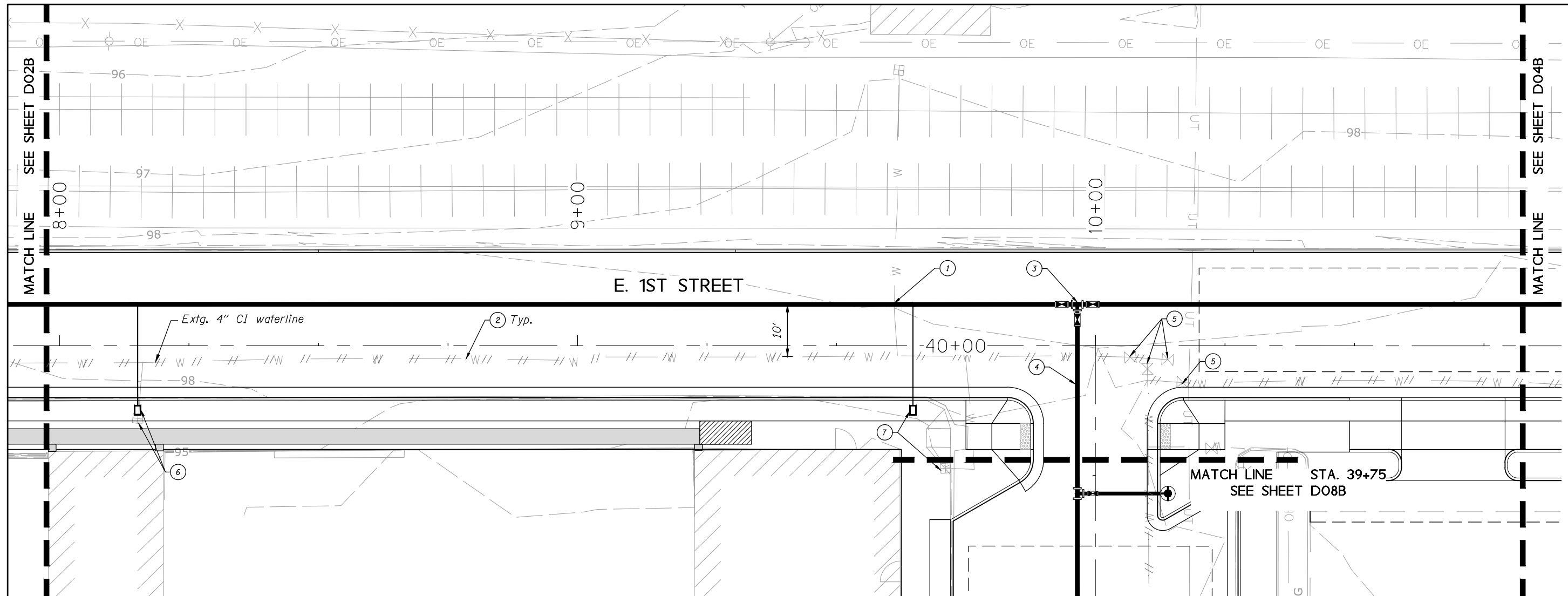


NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.

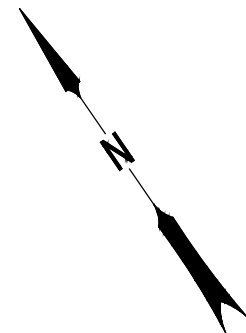
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THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY	
Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.	
GENERAL CONSTRUCTION	
SHEET NO. D03A	

95% PLANS
SUBJECT TO CHANGE



- ① Sta. 9+61±, 8'± Lt.
Connect to extg. water service line
Field verify size and location
(See COTD drg. no. RD274)
- ② Remove or abandon extg. water line
- ③ Sta. 9+96.49, 8' Lt.
Inst. 8" tee with restrained joints
Inst. (3) 8" gate valves with restrained joints
Inst. concrete thrust block
Inst. 8" water line - 405'
3' depth
Trench resurf. 73 sq. yd.
(See COTD drg. no. RD250)
- ④ Inst. 8" water line - 34'
3' depth
- ⑤ Remove existing valve - 3
- ⑥ Sta. 8+15±, 14'± Rt.
Relocate water meter
Inst. 3/4" water line - 20'
3' depth
Field verify size and location
Reconnect building water service
(See COTD drg. no. RD274)
Licensed plumber to do work on customer side of the meter
- ⑦ Sta. 9+64.76, 24' Rt.
Relocate water meter
Inst. 3/4" water line - 20'
3' depth
Reconnect building water service
Field verify size and location
(See COTD drg. no. RD274)
Reconstruct x lf of service line. Licensed plumber to do work on customer side of the meter.



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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

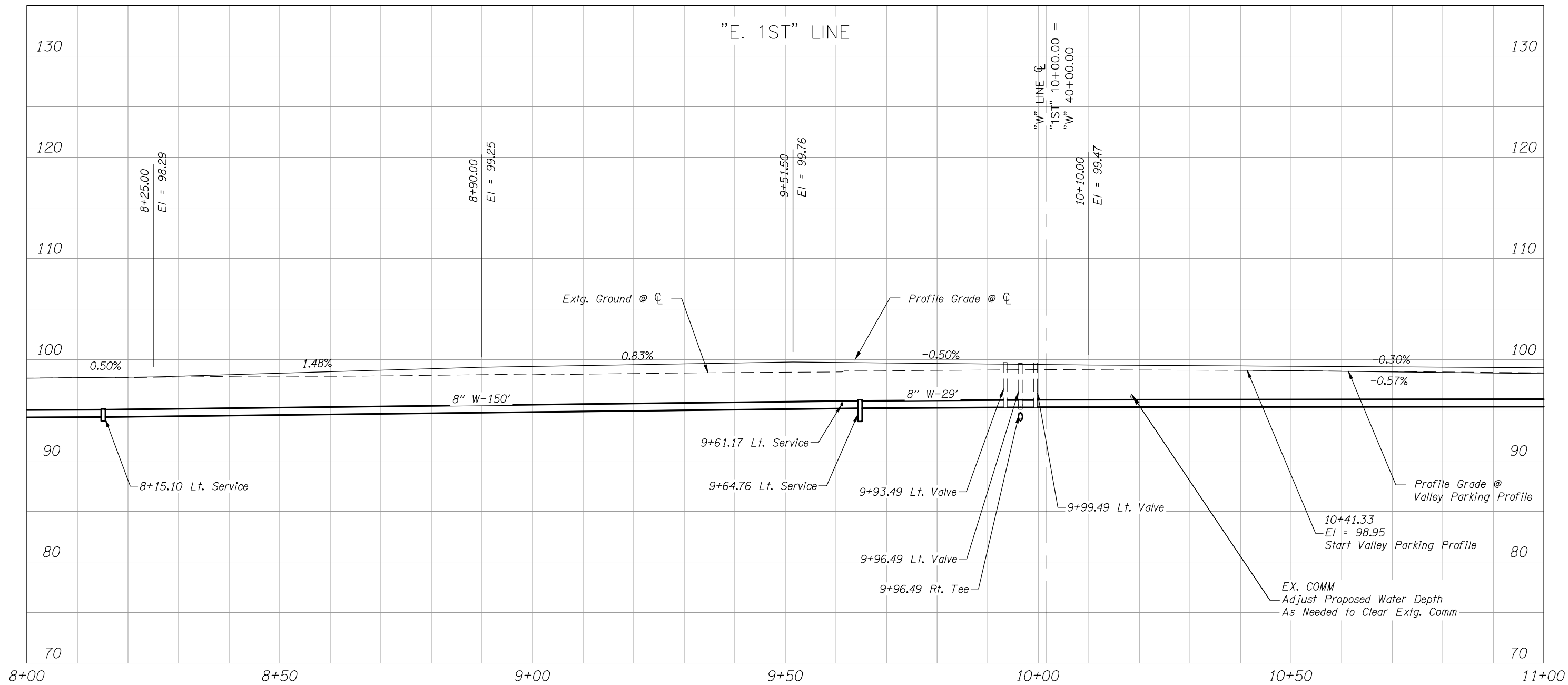
DRAINAGE & UTILITIES

SHEET
NO.

003B

SCALE 1 INCH = 20 FEET

20 0 20 40



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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WASCO COUNTY

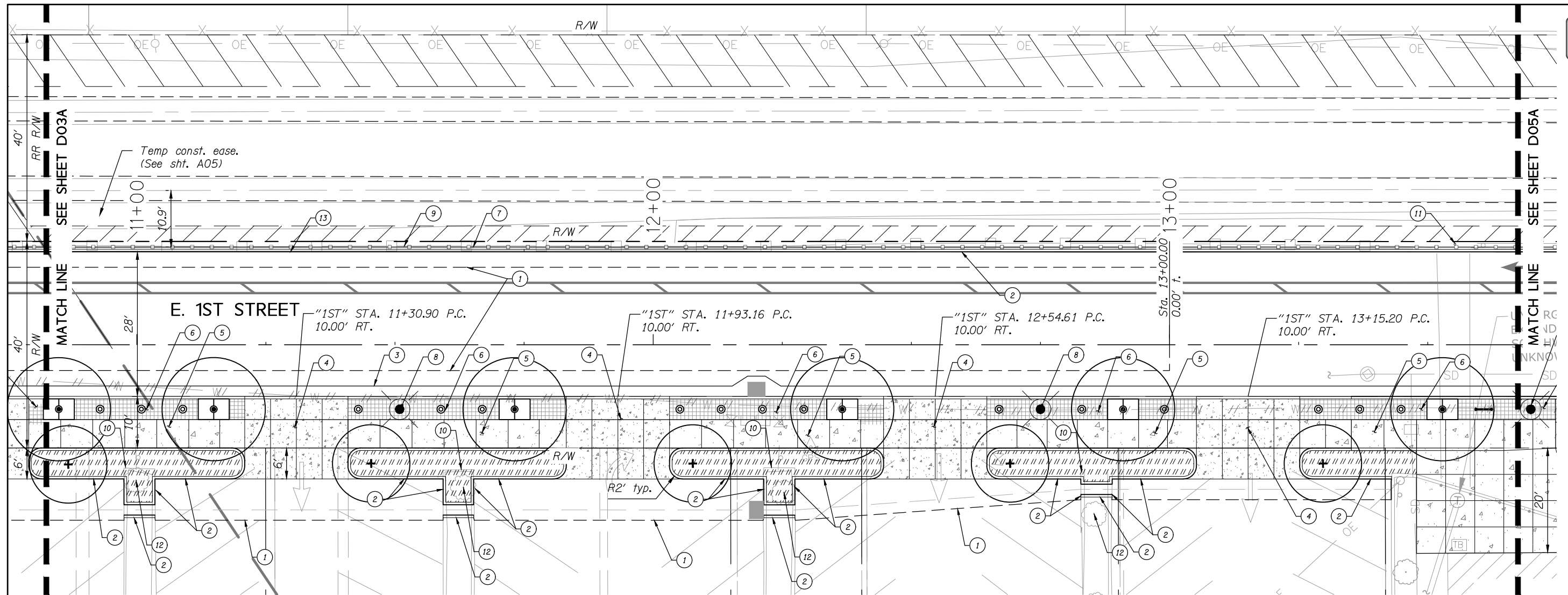
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE



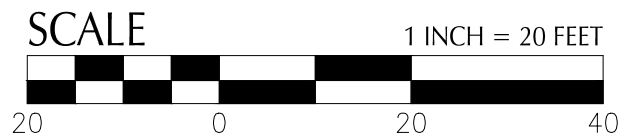
SHEET
NO.

D03C



- ① Sawcut extg. pavement
- ② Const. standard curb
- ③ Const. curb and gutter, modified
(For details, see sht. BB04)
- ④ Const. Conc. dwy. (commercial)
(For details, see sht. BB04)
(See COTD drg. no. RD740)
- ⑤ Const. separated P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD721 & RD722)
- ⑥ Furnishing zone
(For details, see RB series)
- ⑦ Const. ornamental pedestrian rail
(For details, see RB series)
- ⑧ Inst. luminaire
(For locations, see RB series)
(For details, see PA series)
- ⑨ See sht. D01A, note 11
Remove extg. guardrail
- ⑩ Remove extg. curb
- ⑪ Remove extg. bollard
- ⑫ Tree
- ⑬ Sheet sht. D04A, note 13
Const. modified standard curb

NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.



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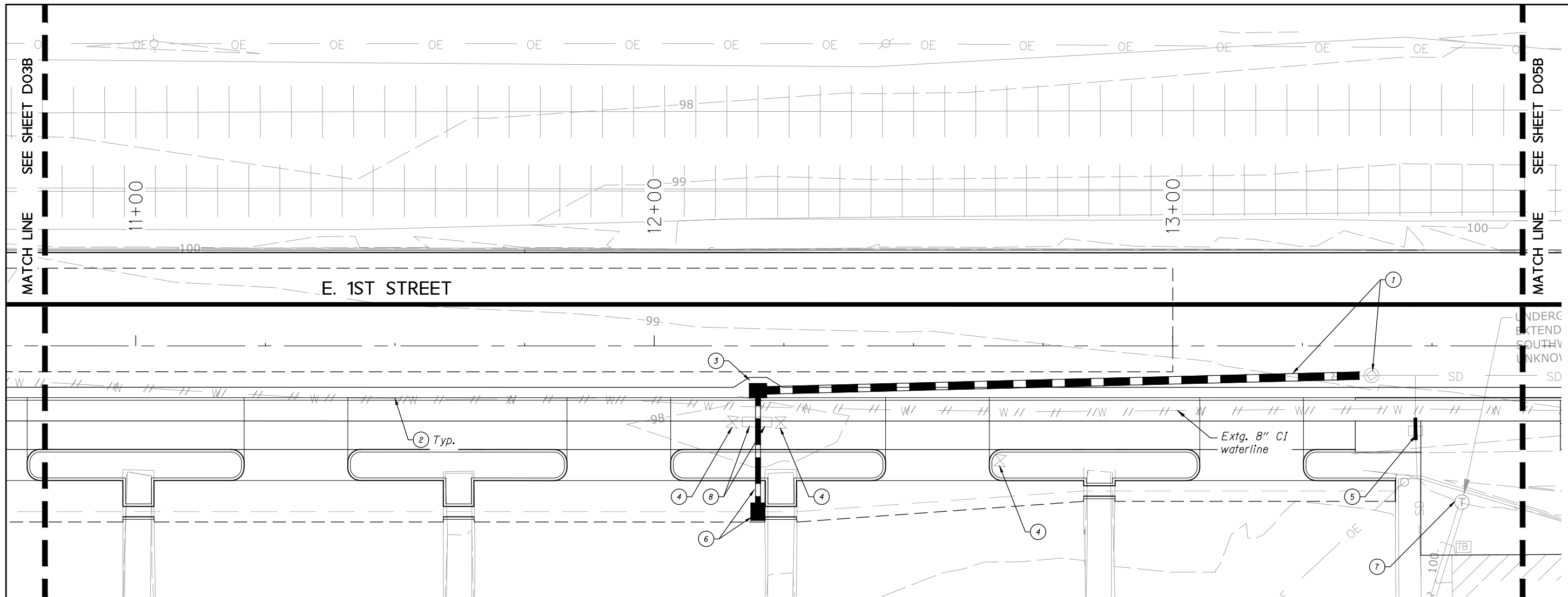
GENERAL CONSTRUCTION



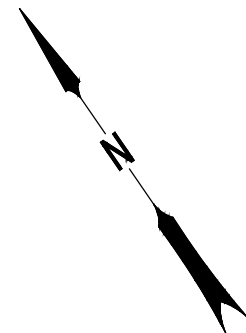
SHEET
NO.

D04A

95% PLANS
SUBJECT TO CHANGE



- ① Sta. 13+38±, Rt.
Rim=99.08
Remove storm pipe
Connect to extg. manhole
Minor adjust manhole
IE 15" In (NW)=94.12
IE 15" Out (SE)=94.12
Inst. 15" storm sew. pipe - 118'
S=0.53%
5' depth
- ② Remove or abandon extg. water line
- ③ Sta. 12+20.00, Rt.
Const. type G-1 inlet
Rim=98.65
IE 10" IN = 94.74 (SW)
IE 15" Out (SE)=94.74
(See COTD drg. no. RD363, RD364)
- ④ Adjust water valve - 3
- ⑤ Remove inlet
Field verify and match extg. size and slope
Inst. 8" storm sew. pipe - 5'
- ⑥ Connect to extg pipe - 2
Sta. 12+20.00, Rt.
Const. type G-1 inlet
Rim=98.30
IE Out (E) = 95.30
Inst. 10" storm sew. pipe - 23'
S=2.38%
3' depth
- ⑦ Minor adjust manhole
(See COTD drg. no. RD360)
- ⑧ Remove inlet - 2



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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

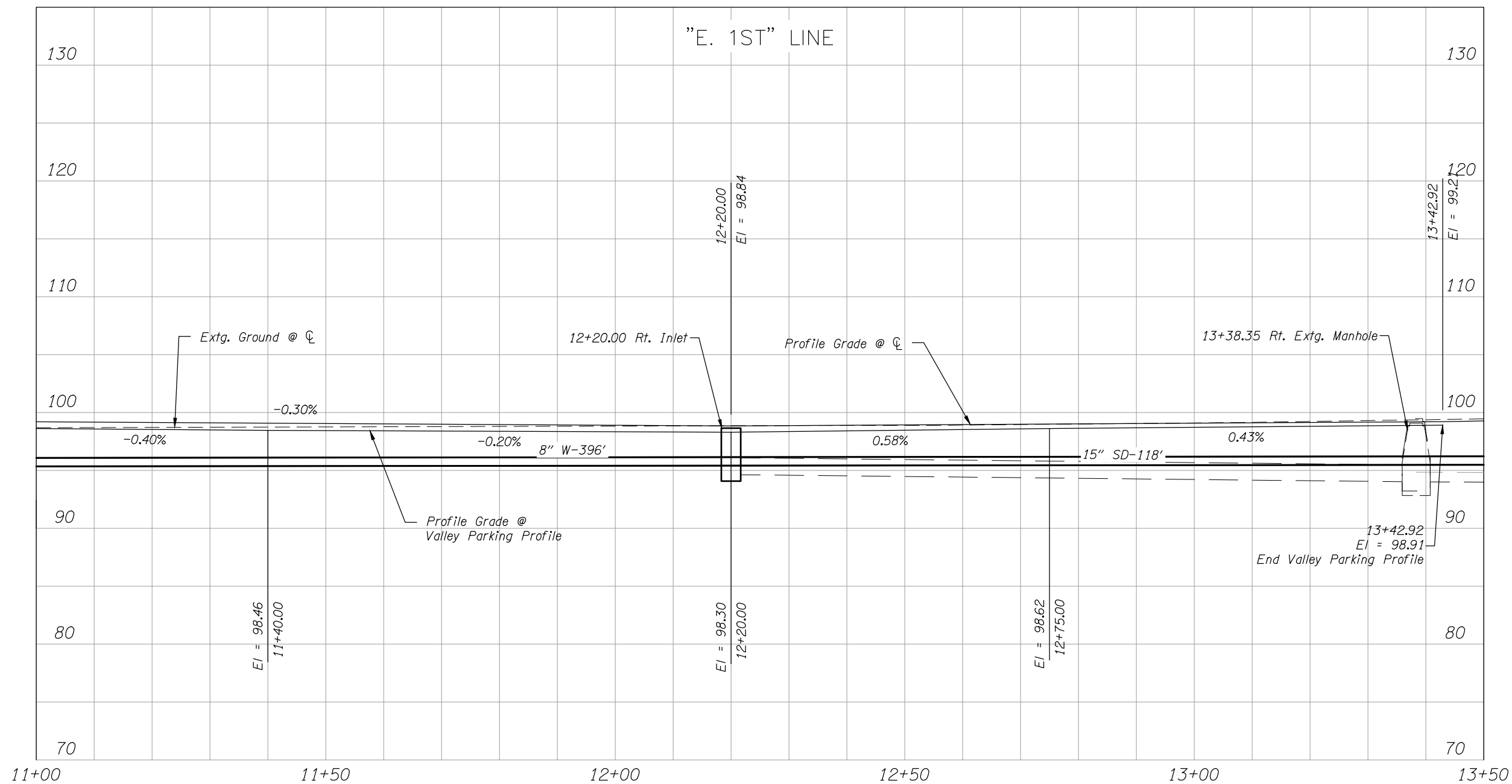
DRAINAGE & UTILITIES

SHEET NO.

004B

SCALE 1 INCH = 20 FEET

20 0 20 40



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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WASCO COUNTY

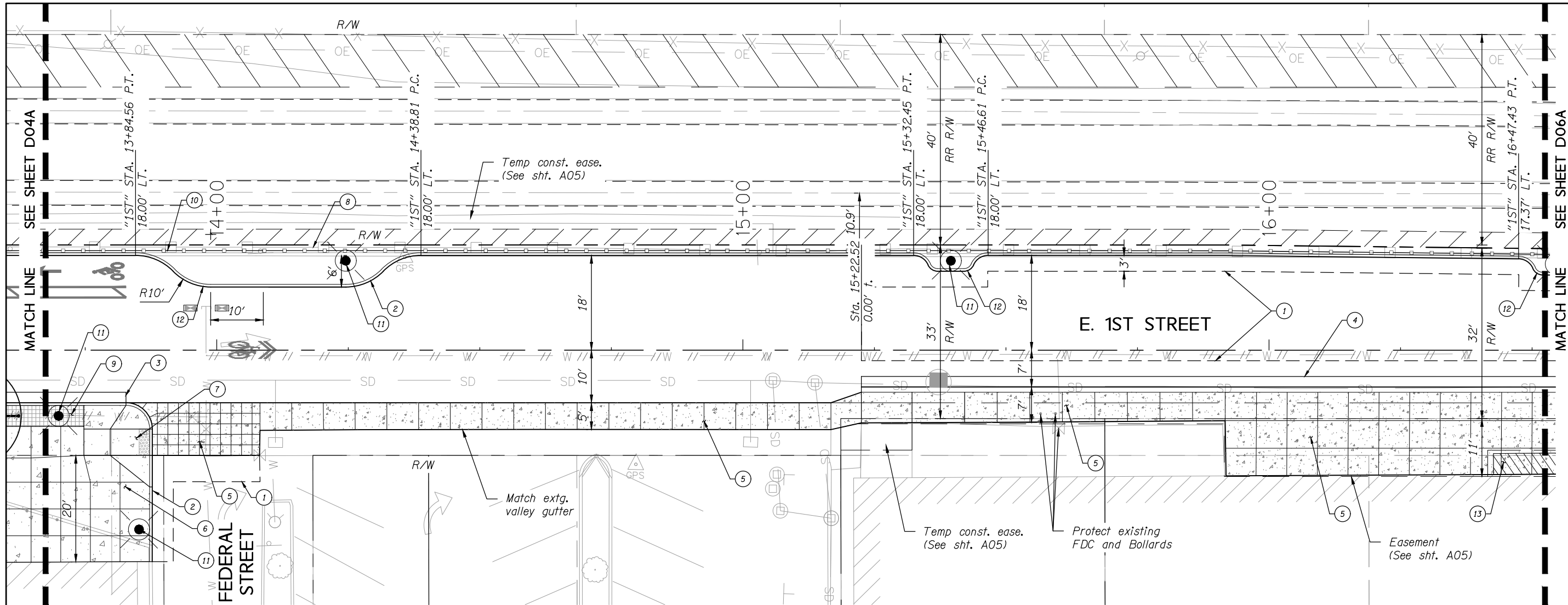
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE

SHEET
NO.

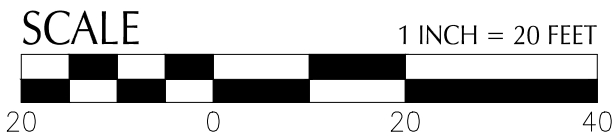
D04C





- 1 Sawcut extg. pavement
- 2 Const. standard curb
- 3 Const. curb and gutter
- 4 Const. low profile mountable curb and gutter (For details, see sht. BB04)
- 5 Const. 8 inch concrete surfacing (For details and scoring, see sht. BB04 and RB series)
- 6 Remove sidewalk
Const. curb line P.C. conc. sidewalk
Sidewalk scoring (For scoring, see RB series)
(See COTD drg. no. RD720 & RD722)
- 7 Const. curb ramp (For details, see sht. BC05)
- 8 See sht. D01A, note 11
Remove extg. guardrail
- 9 Furnishing zone (For details, see RB series)
- 10 Const. ornamental pedestrian rail (For details, see RB series)
- 11 Inst. luminaire (For locations, see RB series) (For details, see PA series)
- 12 Const. curb extension (For details, see sht. BB04)
- 13 Remove extg. wood stairs. Stairs to be replaced by others.

NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.



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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

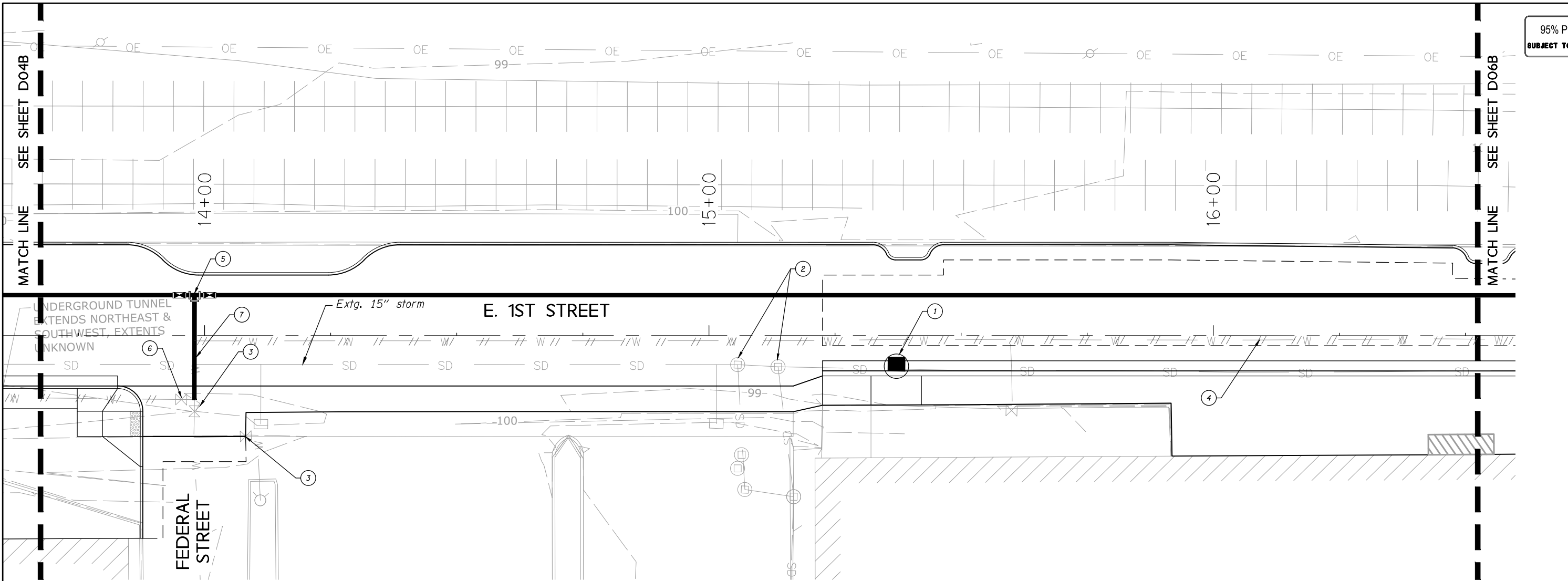
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

GENERAL CONSTRUCTION



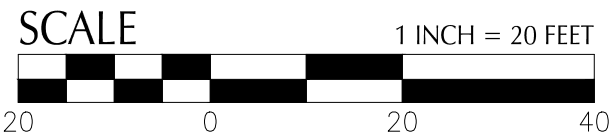
SHEET
NO.

D05A



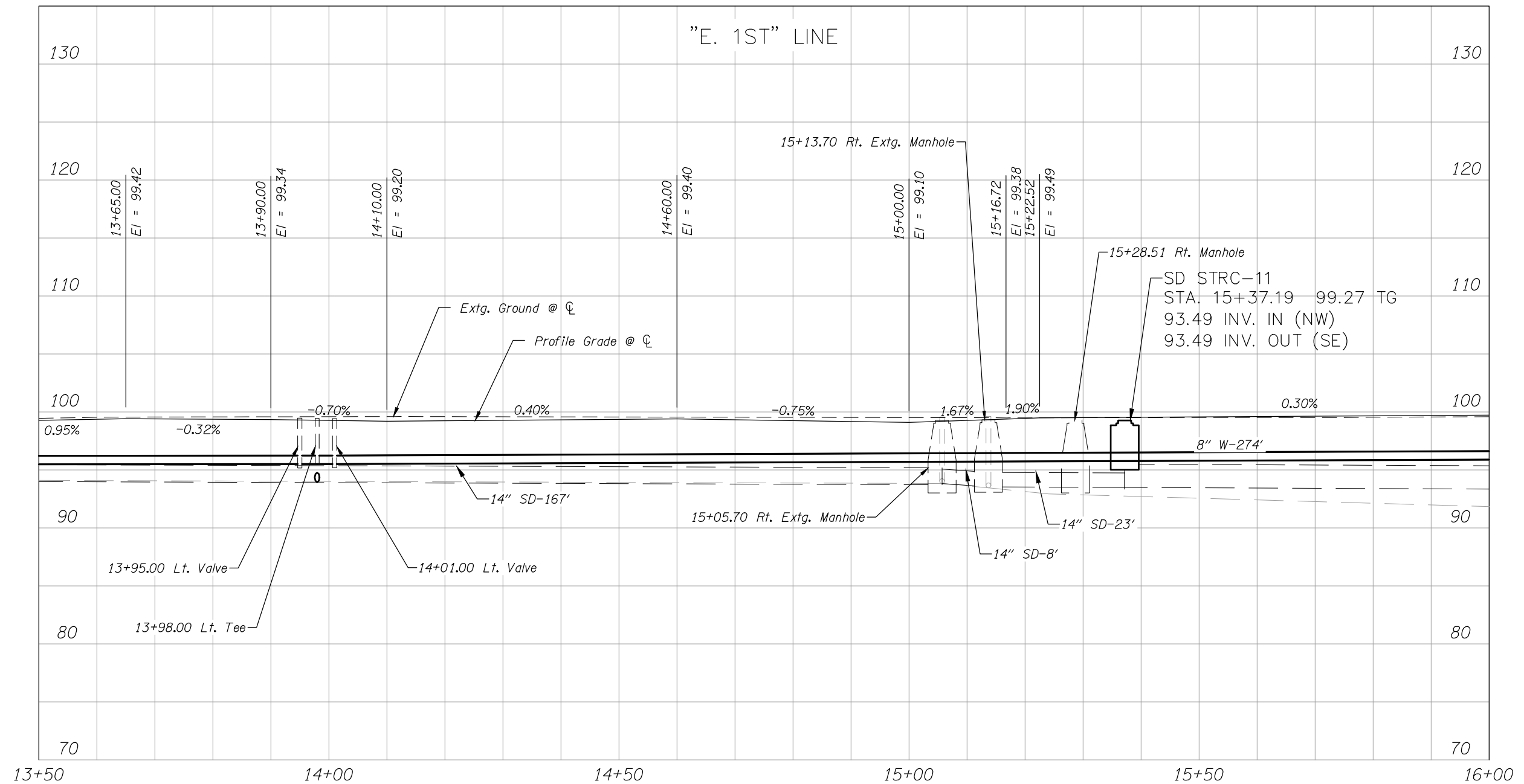
95% PLANS
SUBJECT TO CHANGE

- ① Sta. 15+37.19, Rt.
Const. manhole with inlet
Over extg. storm sew.
(See ODOT drg. no. RD348)
(See COTD drg. no. RD344, RD364)
- ② Minor adjust manhole - 2
- ③ Adjust water valve
- ④ Remove or abandon extg. water line
- ⑤ Sta. 13+98.00, 8' Lt.
Inst. 8" tee with restrained joints.
Inst. (2) 8" gate valves with restrained joints
Inst. concrete thrust block
Inst. 8" water line - 326'
3' depth
Trench resurf. 52 sq. yd.
(See COTD drg. no. RD250)
- ⑥ Remove extg. valve
- ⑦ Inst. 8" water line - 21'
3' depth
Connect to extg. water line at valve



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kpff Consulting Engineers 111 SW 5th Avenue Suite 2600 Portland, Oregon 97204 503-542-3660	 The Hub of the Pacific Northwest CITY OF THE DALLES OREGON	
		THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY
		Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.
DRAINAGE & UTILITIES		SHEET NO. D05B



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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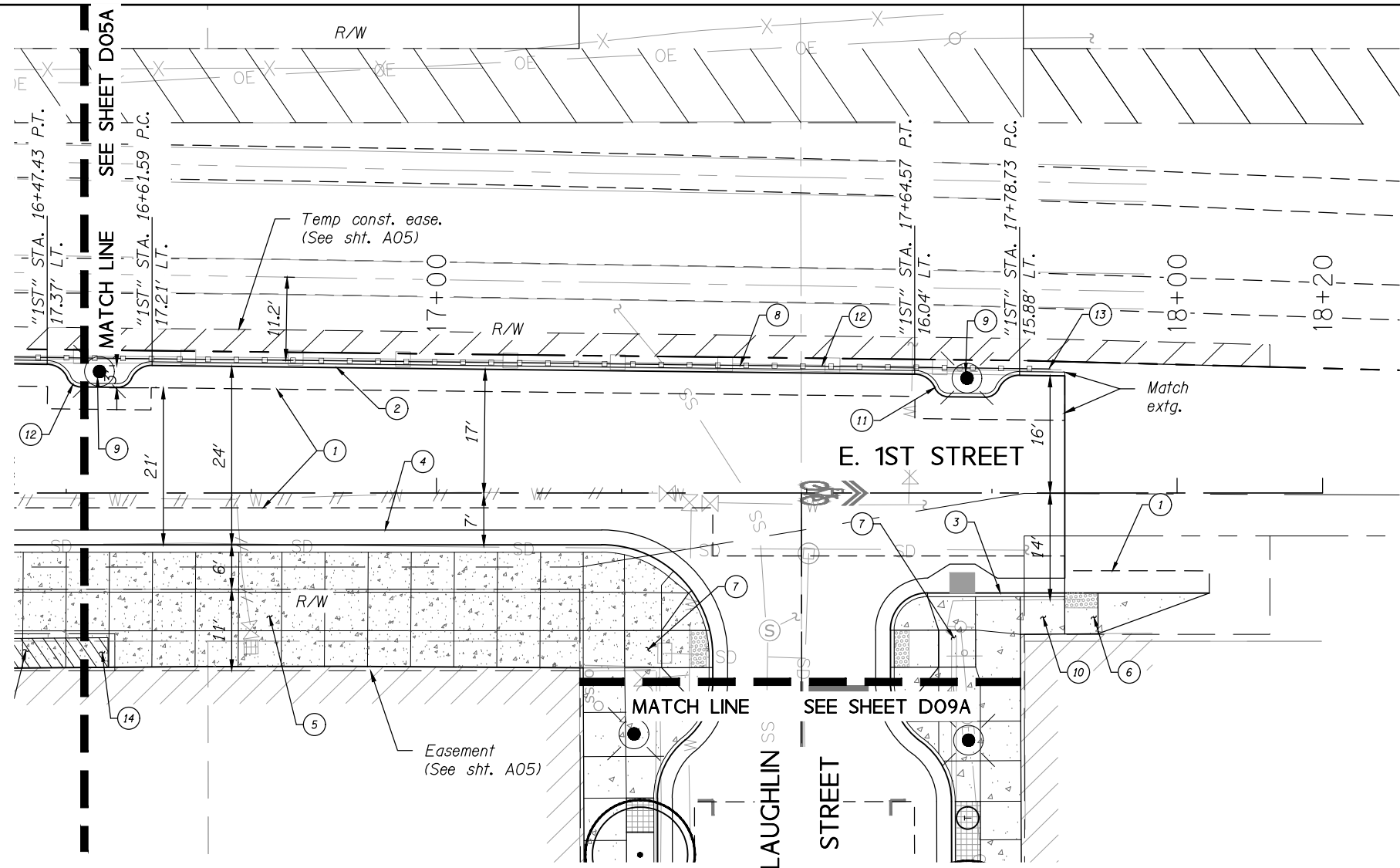
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE



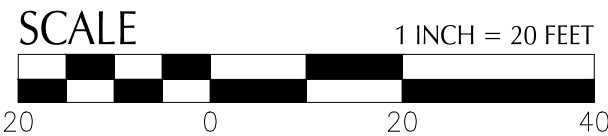
SHEET
NO.

D05C



- | | |
|--|---|
| ① Sawcut extg. pavement | ⑨ Inst. luminaire
(For locations, see RB series)
(For details, see PA series) |
| ② Const. standard curb | ⑩ Const. curb line P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD720 & RD722) |
| ③ Const. curb and gutter | ⑪ Const. curb extension
(For details, see sht. BB04) |
| ④ Const. mountable curb and gutter
(For details, see sht. BB04) | ⑫ See sht. D01A, note 11
Remove extg. guardrail |
| ⑤ Const. 8 inch concrete surfacing
(For details and scoring,
see sht. BB04 and RB series) | ⑬ Inst. guardrail end piece (Type C)
(See drg. no. RD417) |
| ⑥ Const. curb ramp ending, taper option
Sidewalk scoring
(For details, see sht. BC06)
(See COTD drg. no. RD754) | ⑭ See sht. D05A, note 13
Wood stairs |
| ⑦ Const. curb ramp
(For details, see sht. BC06) | |
| ⑧ Const. ornamental pedestrian rail
(For details, see RB series) | |

NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.



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UNION STREET TO MADISON STREET**
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WASCO COUNTY

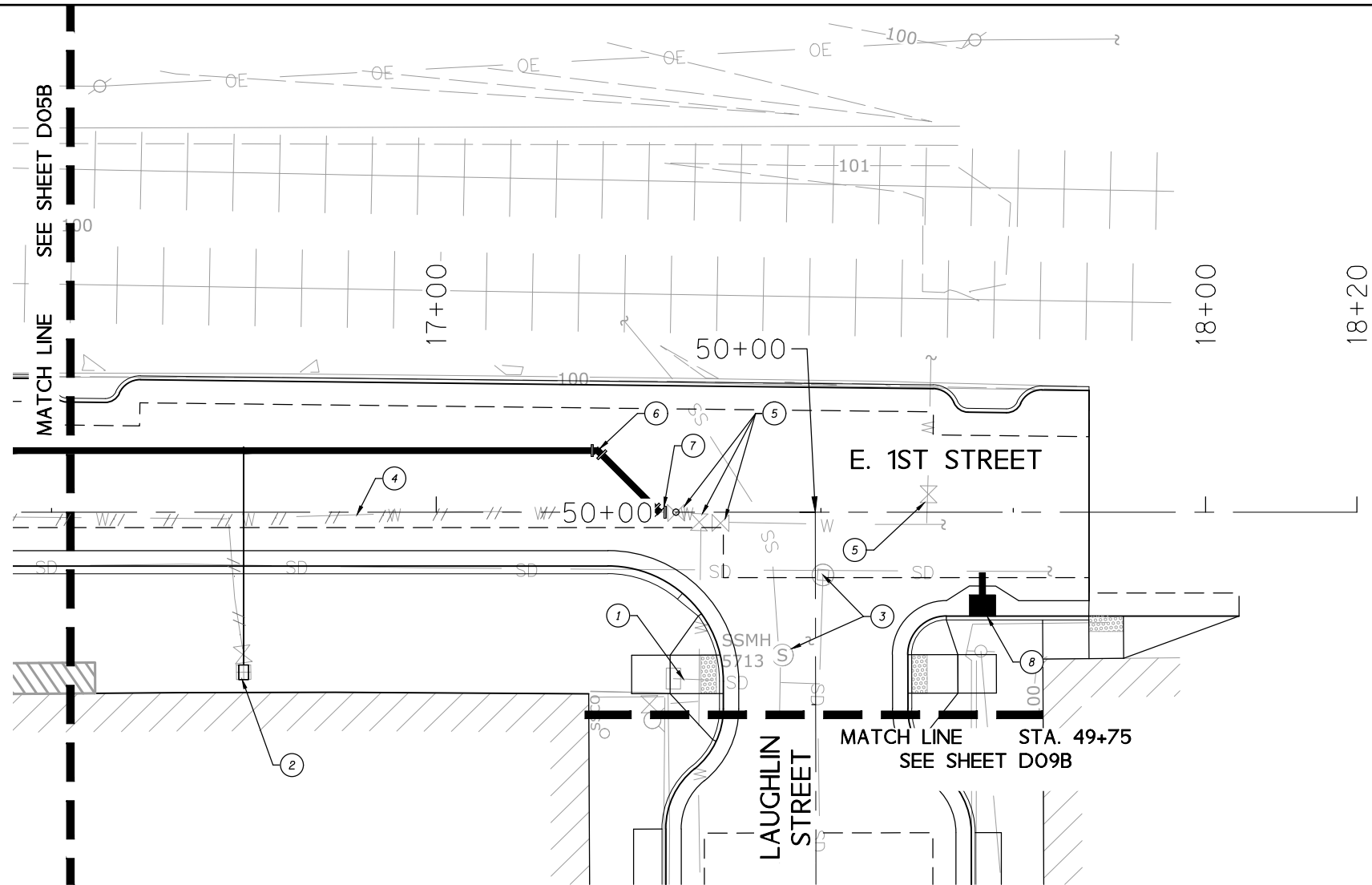
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

GENERAL CONSTRUCTION

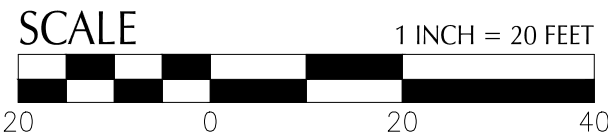


SHEET
NO.

D06A



- ① Remove extg. inlet plug and abandon extg. lateral
- ② Sta. 16+75±, 8' Lt.
Connect to extg. water meter
Inst. 3/4" water line - 29'
3' depth
Trench resurf. 2 sq. yd.
Reconnect building water service
Field verify size and location
(See COTD drg. nos. RD274)
Reconstruct service line. Licensed plumber to do work on customer side of the meter
- ③ Minor adjust manhole - 2
- ④ Remove or abandon extg. water line
- ⑤ Adjust water valve - 4
- ⑥ Sta. 17+21.00, 8' Lt.
Inst. 8" 45-deg bend with restrained joints.
Inst. 8" water line - 11'
3' depth.
Inst. concrete thrust block
Trench resurf. 3 sq. yd.
(See COTD drg. no. RD250)
- ⑦ Sta. 17+29.00
Inst. 8" 45-deg bend with restrained joints.
Connect to extg. 8" water line at valve
Inst. concrete thrust block
(See COTD drg. no. RD250)
- ⑧ Sta. 17+71.00, Rt.
Const. type G-1 inlet
Rim=99.33
IE 8" Out (NW) = 96.3
Inst. 8" storm sew. pipe - 4'
S=2.00% min.
6' depth
Connect to extg. 15" storm pipe
Verify connection in field to drain.
Provide field measurements to engineer prior to construction.
(See COTD drg. no. RD363, RD364)



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UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

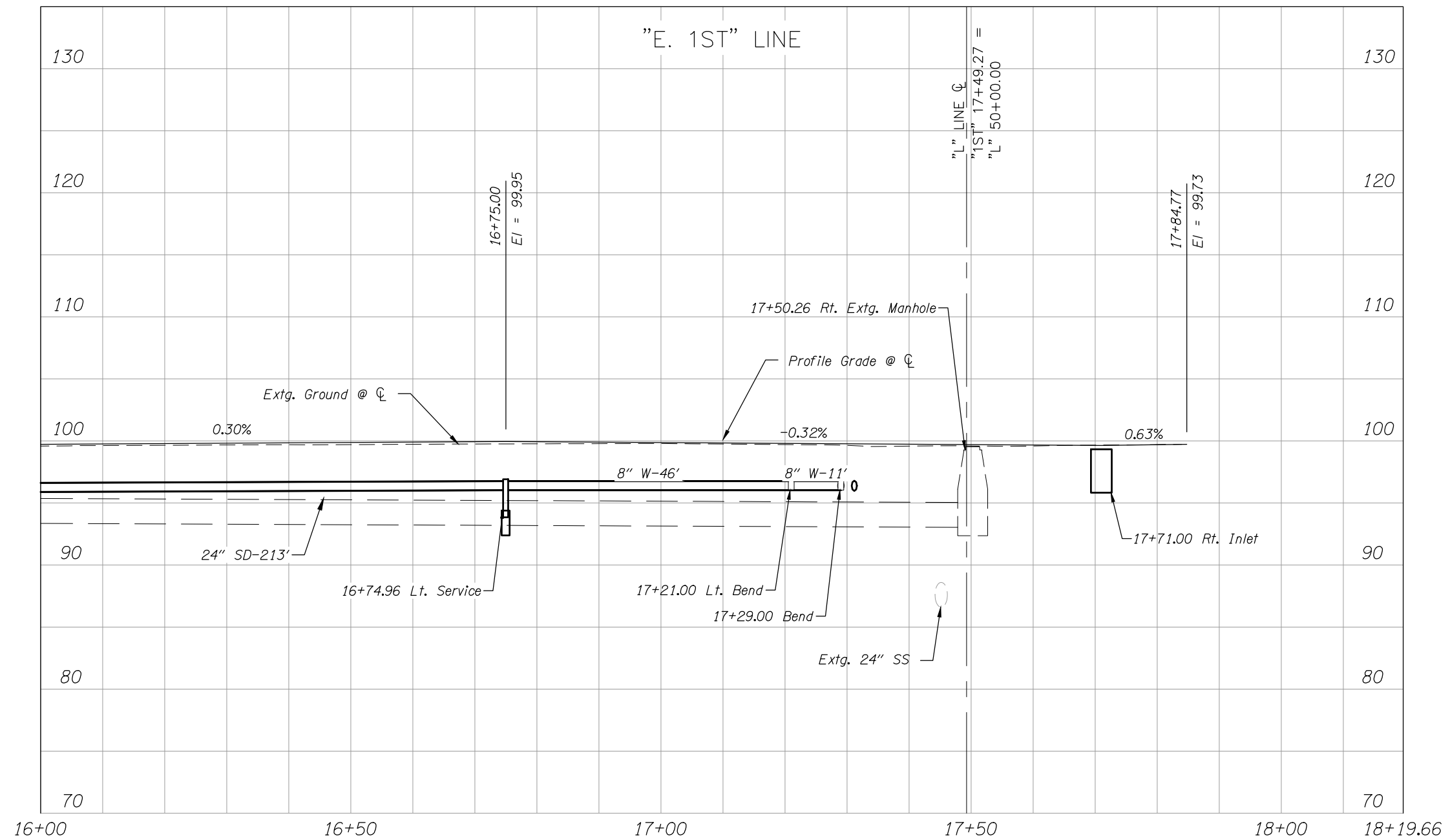
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

DRAINAGE & UTILITIES

SHEET
NO.

D06B





SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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**THE DALLAS FIRST STREET PROJECT
NION STREET TO MADISON STREET**

THE DALLAS, OREGON
WASCO COUNTY

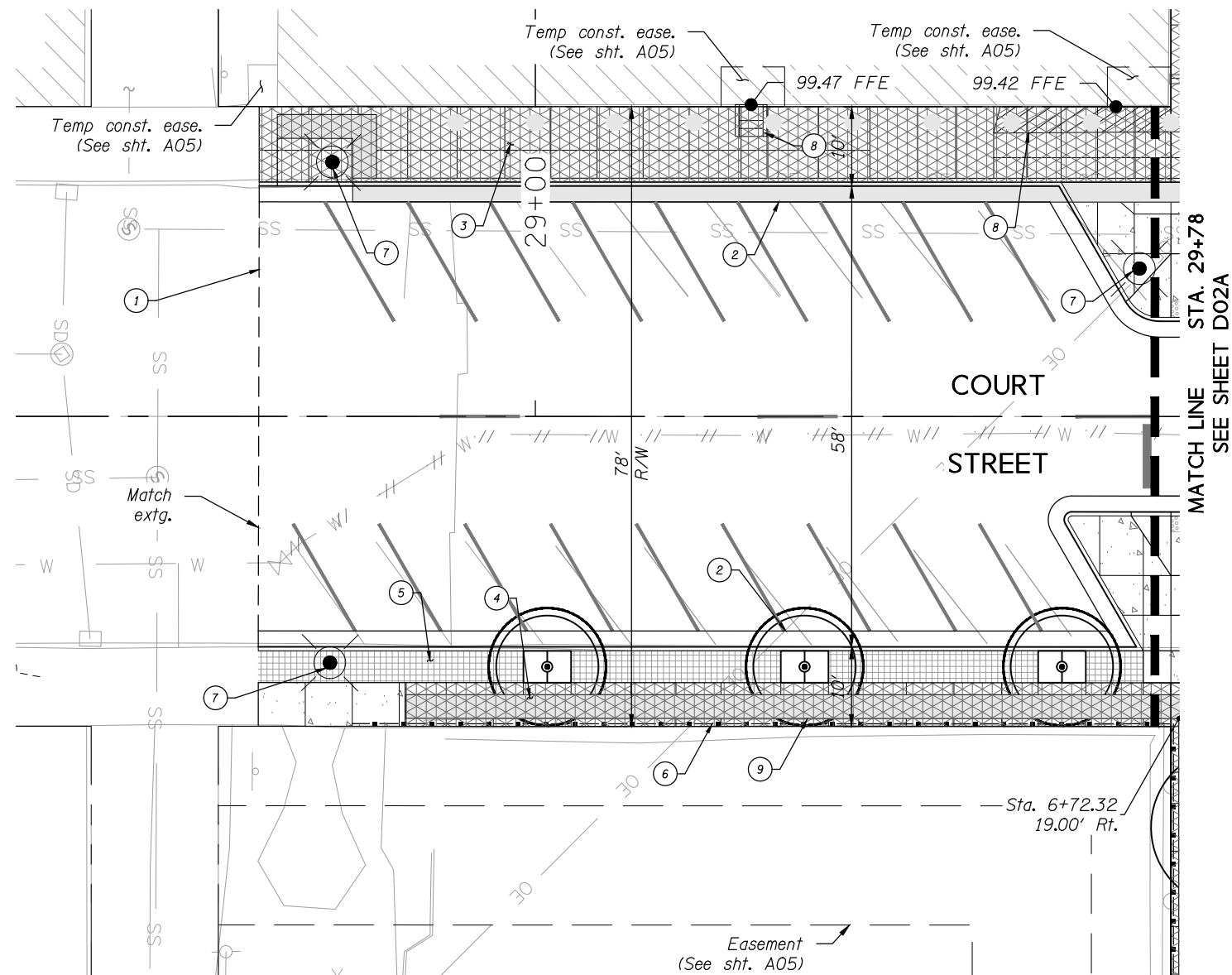
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.



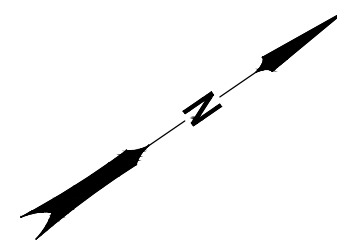
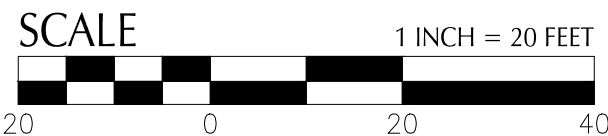
PROFILE

SHEET
NO.

006C



- ① Sawcut extg. pavement
- ② Const. curb and gutter
- ③ Sta. 28+67.86 to 6+04.32, Lt.
Remove sidewalk
Const. reinforced conc. sidewalk
Sidewalk scoring
(For details, see GB series)
(For details, see RB series)
(See COTG drg. no. RD720 & RD722)
- ④ Sta. 28+65.18 to 6+73.32, Rt.
Remove sidewalk
Const. reinforced conc. sidewalk
(For details, see GB series)
(For scoring, see RB series)
(See COTG drg. no. RD722)
- ⑤ Furnishing zone
(For details, see RB series)
- ⑥ Const. ornamental pedestrian rail
(For details, see RB series)
- ⑦ Inst. luminaire
(For locations, see RB series)
(For details, see PA series)
- ⑧ Remove extg. wood ramp and stairs. Reconstruct stairs by others.
- ⑨ Remove extg. railing - 95'



NOTE:
1. For horizontal geometry of curbs, see shts. BC01-BC06.

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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

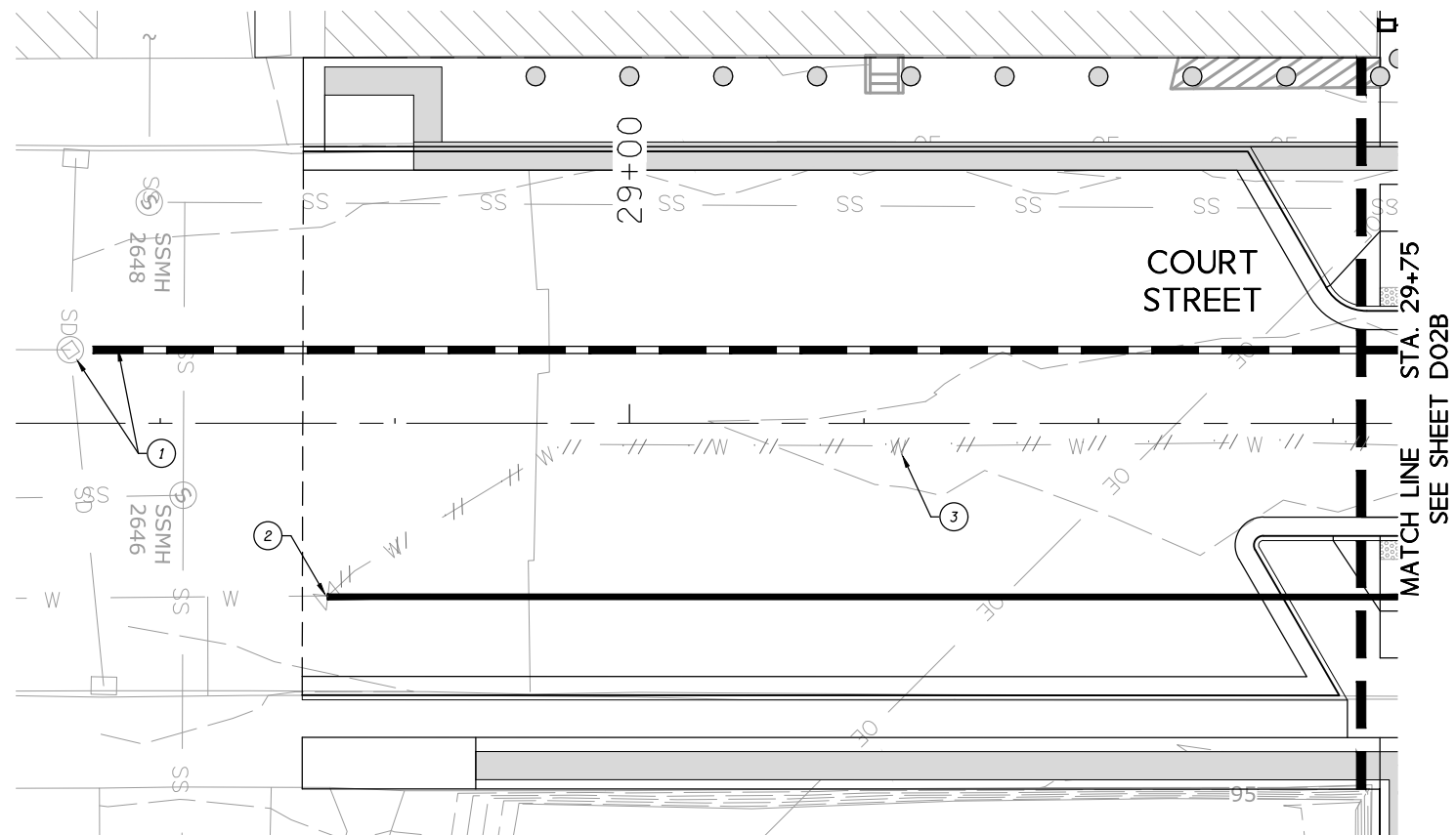
GENERAL CONSTRUCTION



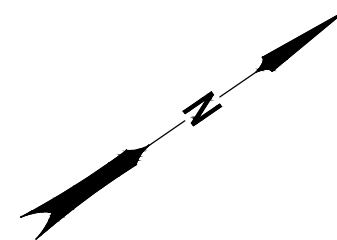
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D07A

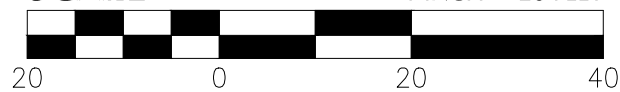
SUBJECT TO CHANGE



- ① *Connect to extg. manhole*
Rim=97.44
IE In (N)=94.54
Inst. 8" storm sew. pipe - 151'
S=0.50%
5' depth
Trench resurf. 7 sq. yd.
- ② *Sta. 28+67.85, 18.50' Rt.*
Adjust valve
Connect to existing 6" water line
at existing valve.
- ③ *Remove or abandon extg. water line*



1 INCH = 20 FEET



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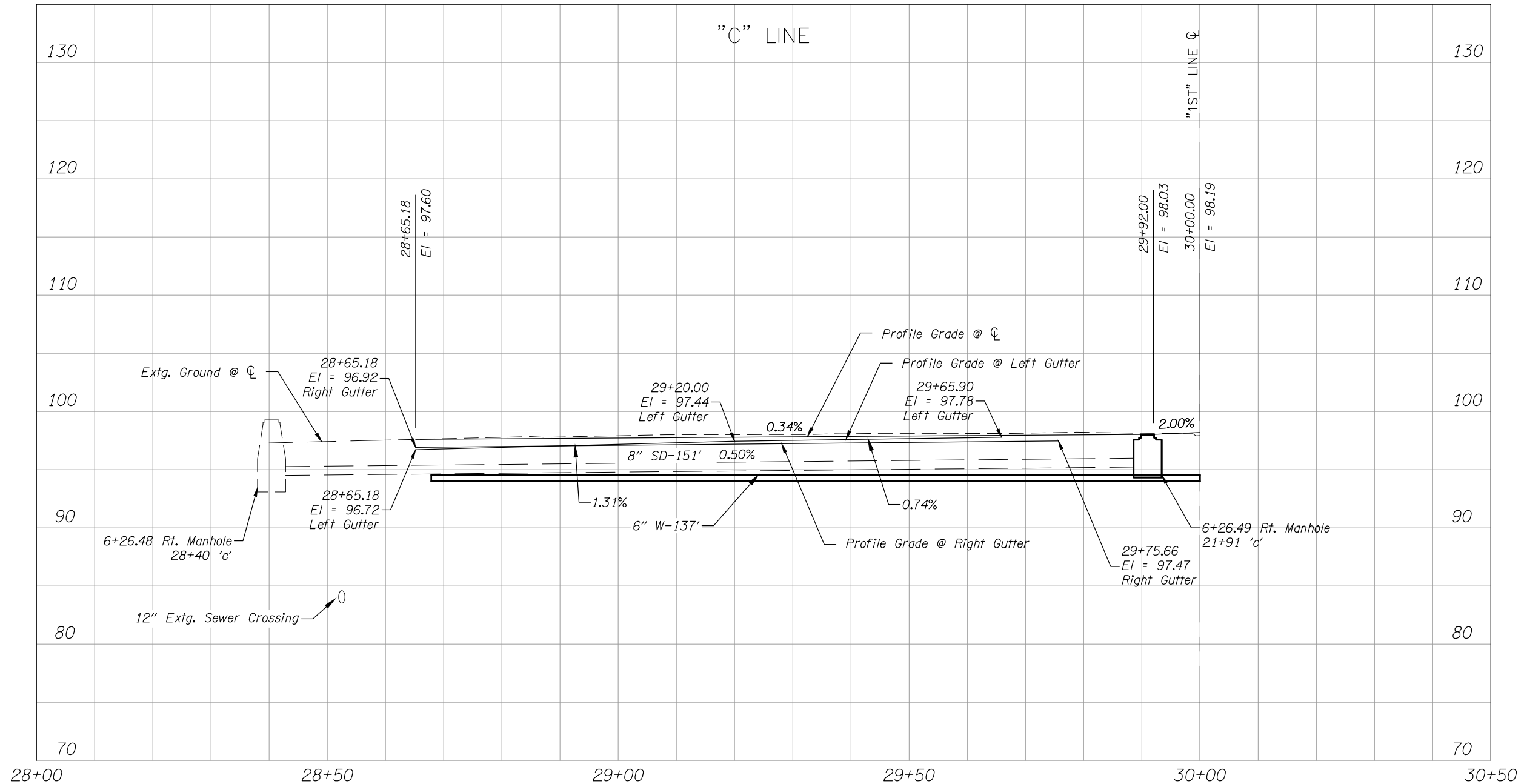
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THE DALLES, OREGON
WASCO COUNTY

DRAINAGE & UTILITIES



007B



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**

THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

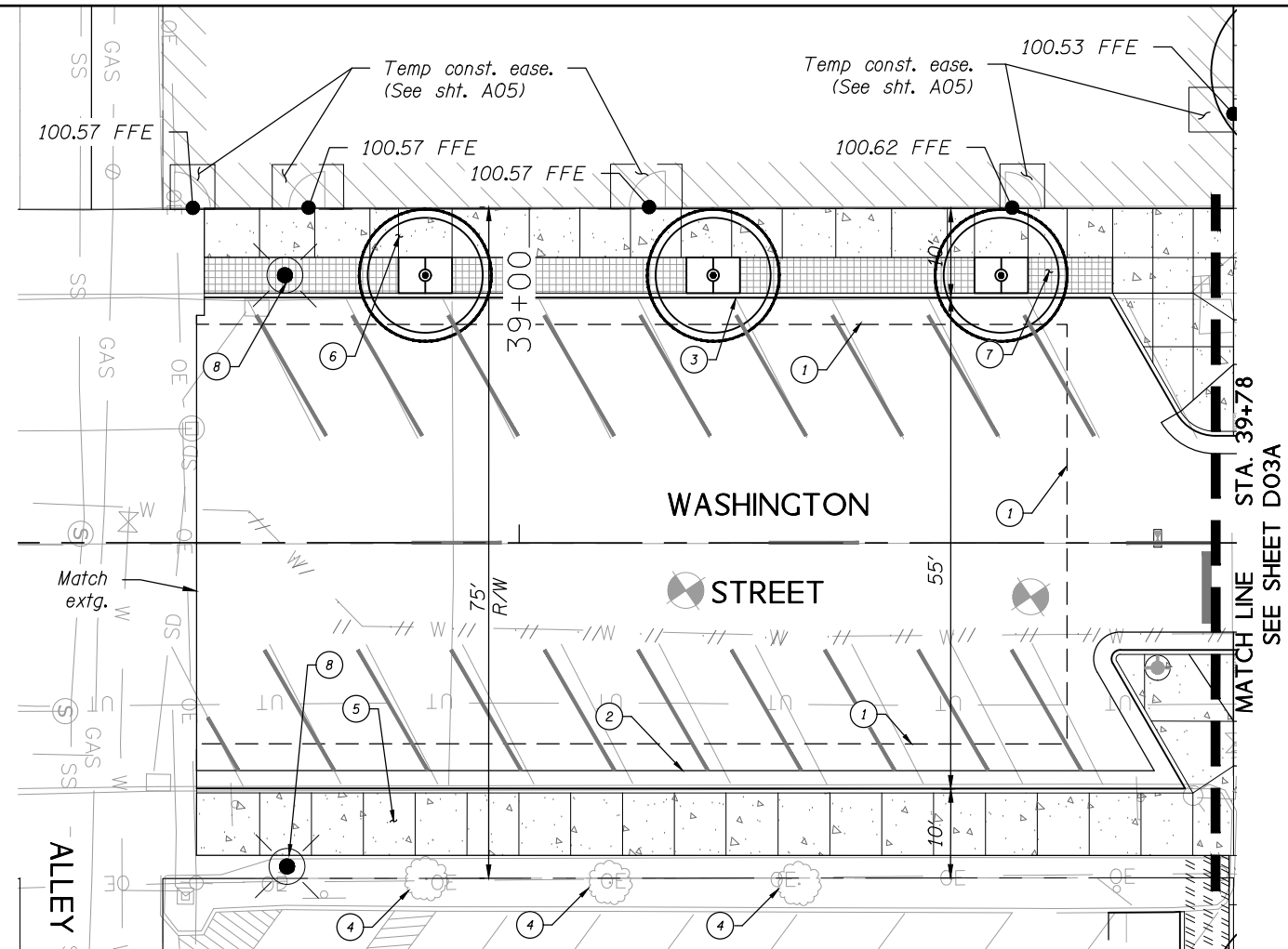
PROFILE



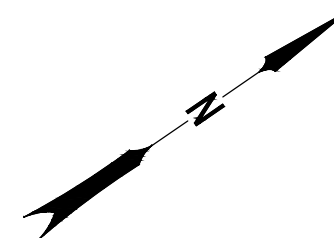
SHEET
NO.

D07C

95% PLANS
SUBJECT TO CHANGE



- ① Sawcut extg. pavement
- ② Const. curb and gutter
- ③ Const. standard curb
- ④ Save tree
- ⑤ Remove sidewalk
Const. curb line P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD721 & RD722)
- ⑥ Remove sidewalk
Const. separated P.C. conc. sidewalk
Sidewalk scoring
(For scoring, see RB series)
(See COTD drg. no. RD720 & 722)
- ⑦ Furnishing zone
(For details, see RB series)
- ⑧ Inst. luminaire
(For locations, see RB series)
(For details, see PA series)



NOTE:
1. For horizontal geometry of curbs, see shfts. BC01-BC06.

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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

GENERAL CONSTRUCTION

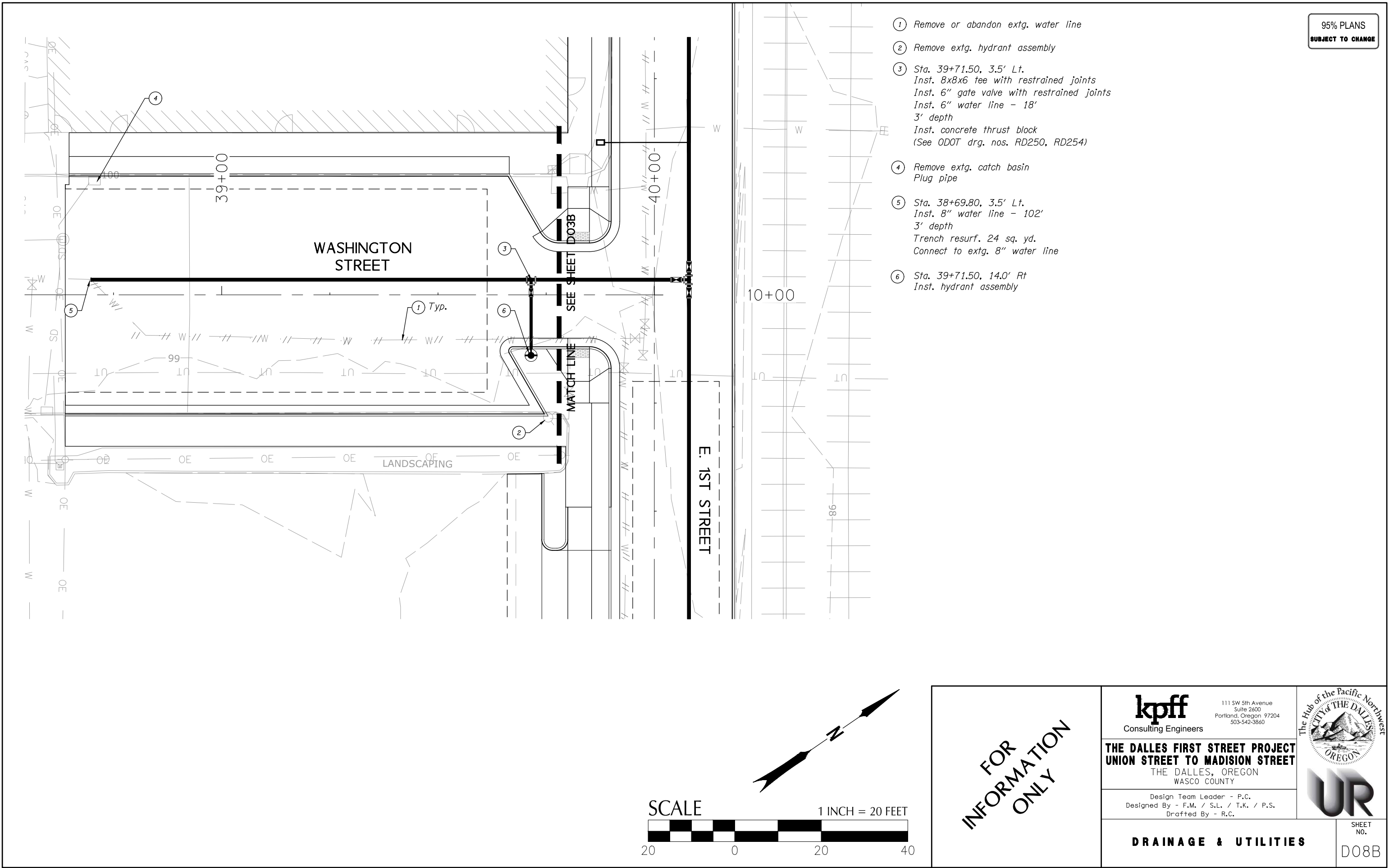
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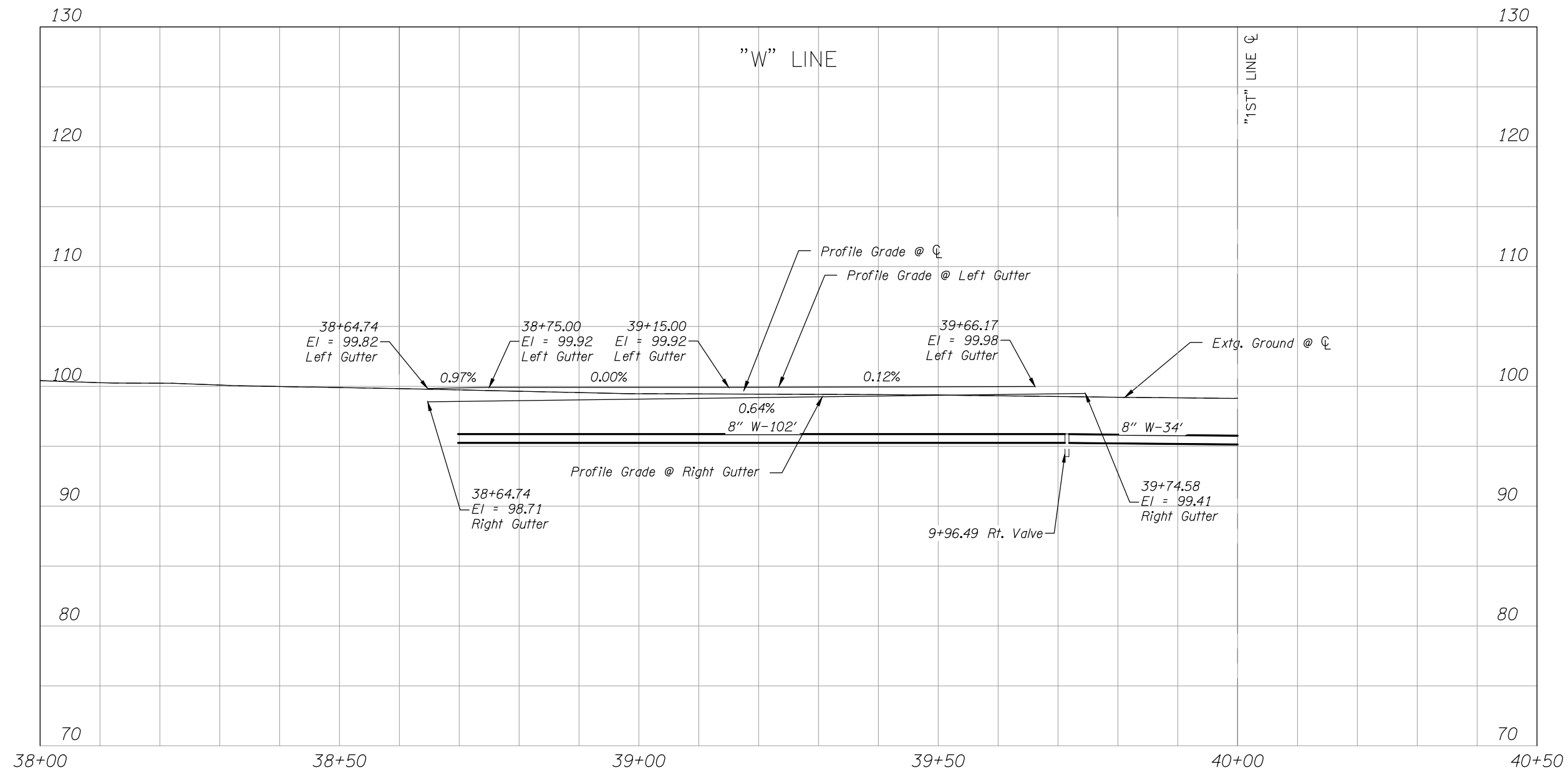
008A

SCALE 1 INCH = 20 FEET



20 0 20 40





SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

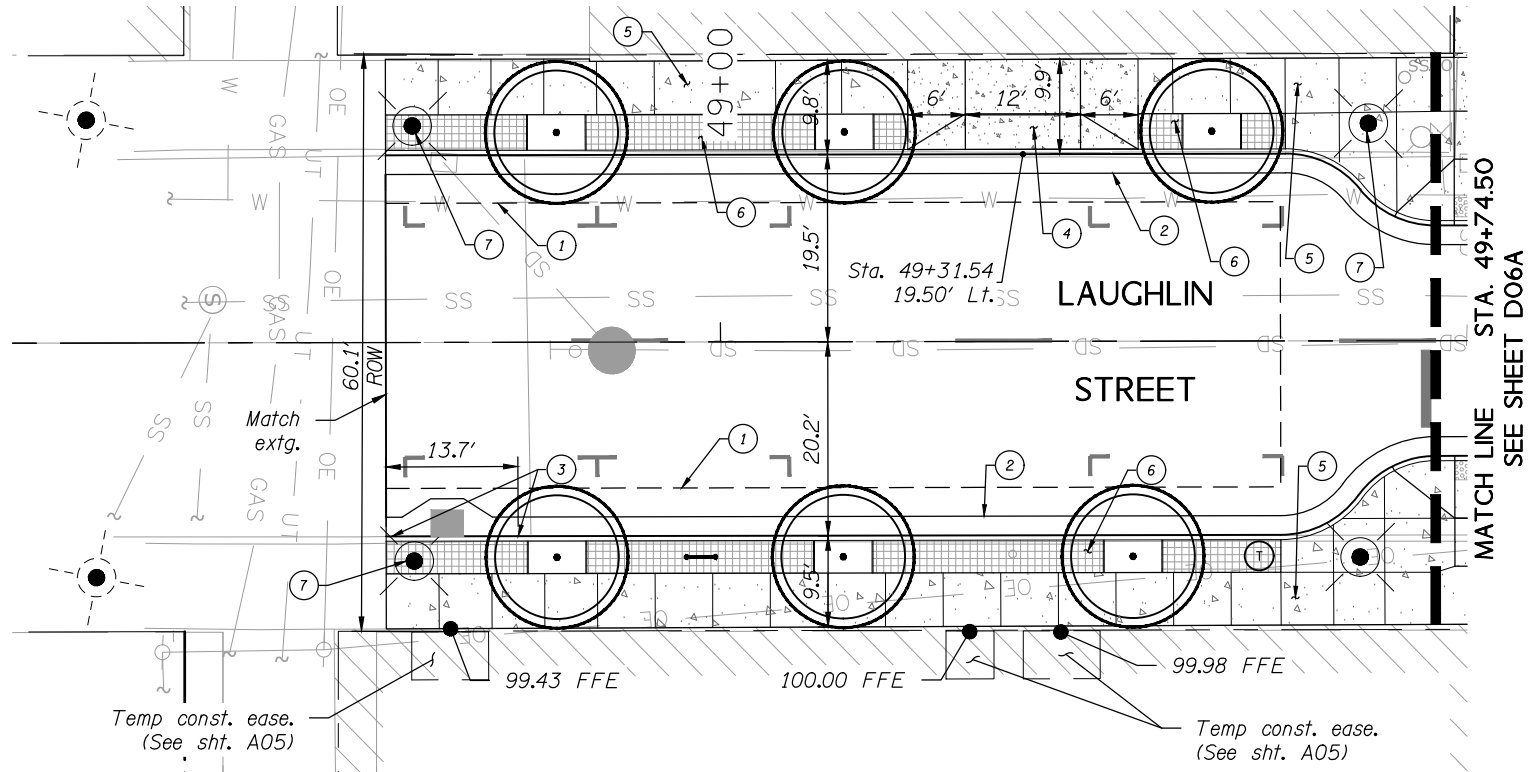
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE

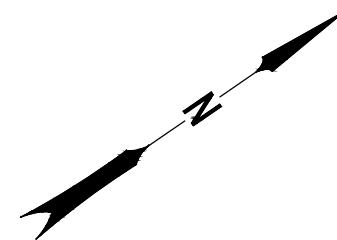


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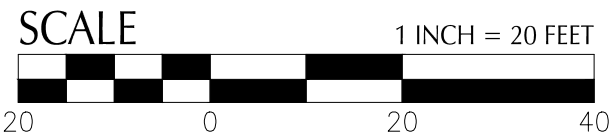
D08C



- ① Sawcut extg. pavement
- ② Const. curb and gutter
- ③ Const. curb and gutter
(For details, see sheet BC06)
- ④ Const. P.C. conc. commercial dwy.
Center on loading dock
(See COTD drg. no. RD740)
- ⑤ Const. P.C. conc. sidewalk
Sidewalk scoring
(For details, see RB series)
(See COTD drg. no. RD721 & RD722)
- ⑥ Furnishing zone
(For details, see RB series)
- ⑦ Inst. luminaire
(For locations, see RB series)
(For details, see PA series)



NOTE:
1. For horizontal geometry of curbs, see alignment data sheets.



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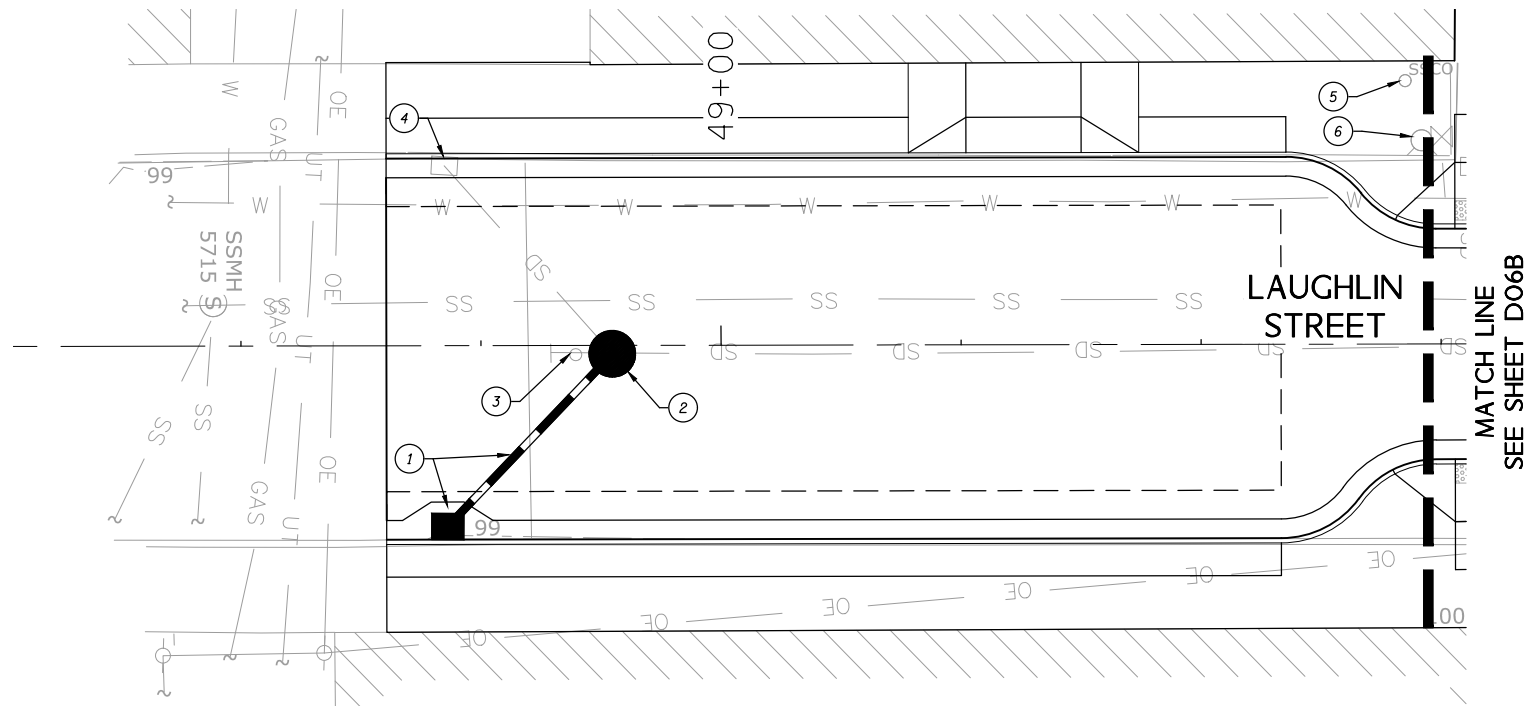
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

GENERAL CONSTRUCTION



SHEET
NO.

D09A



① Sta. 48+71.50, Rt.
Const. type G-1 inlet
Rim = 99.00
IE Out (SE) = 96.00
Inst. 8" storm sew. pipe - 25'
S=5.89%
4' depth
Trench resurf. 7 sq. yd.
(See COTD drg. no. RD363, RD364)

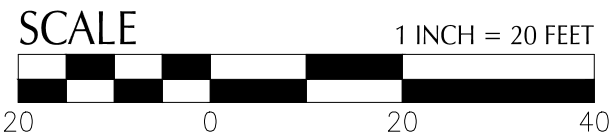
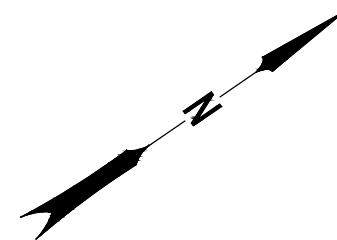
② Sta. 48+88.68, 0.88' Rt.
Const. manhole
Over extg. storm sew.
Rim = 99.53
IE 8" In (S) = 94.55
IE 8" In (W) = 94.55
IE 12" In (SW) = 94.55
IE 12" Out (NE) = 94.55
(See COTD drg. no. RD335)

③ Remove cleanout

④ Adjust existing inlet

⑤ Adjust cleanout

⑥ Protect existing hydrant and adjust to finished grade.



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WASCO COUNTY

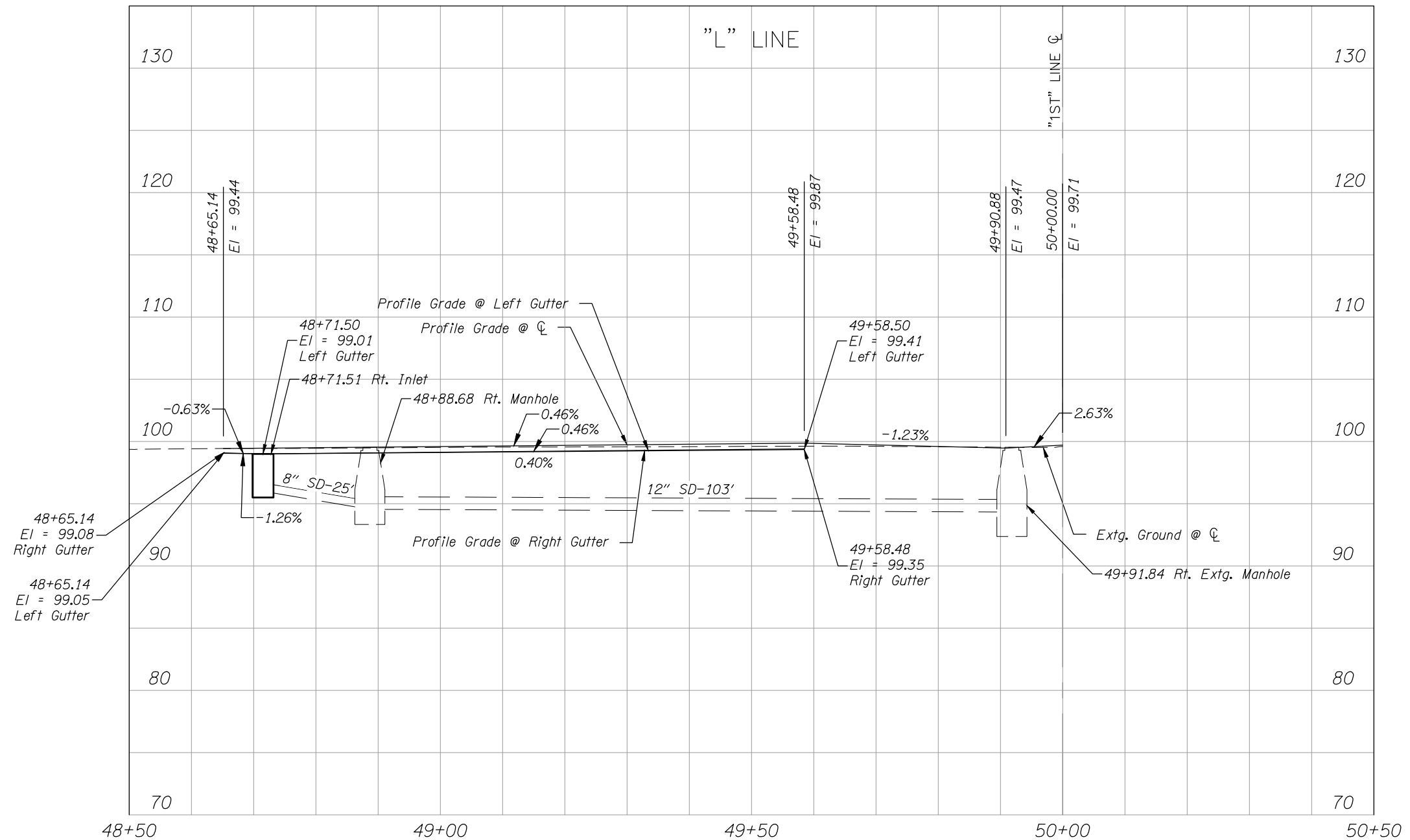
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

DRAINAGE & UTILITIES



SHEET
NO.

D09B



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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WASCO COUNTY

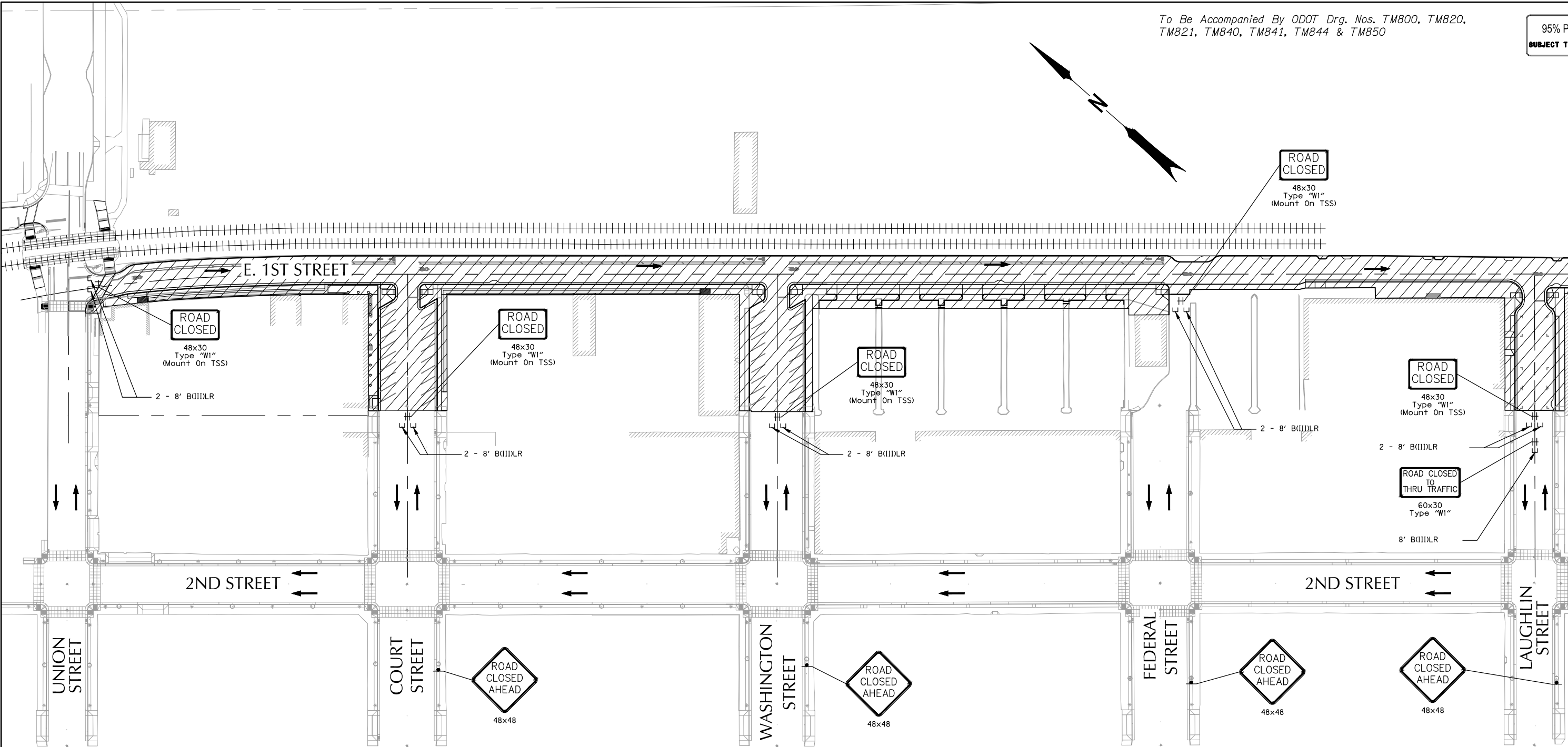
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Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

PROFILE



SHEET
NO.

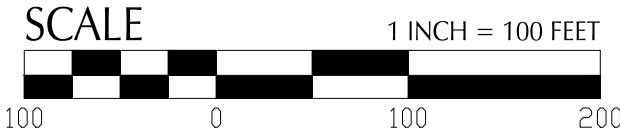
D09C



NOTE:
1. MAINTAIN ACCESS TO LOCAL BUSINESS AS REQUIRED IN THE SPECIAL PROVISIONS.

LEGEND

AREA UNDER CONSTRUCTION



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UNION STREET TO MADISON STREET

THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

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CITY OF THE DALLES

OREGON

UR

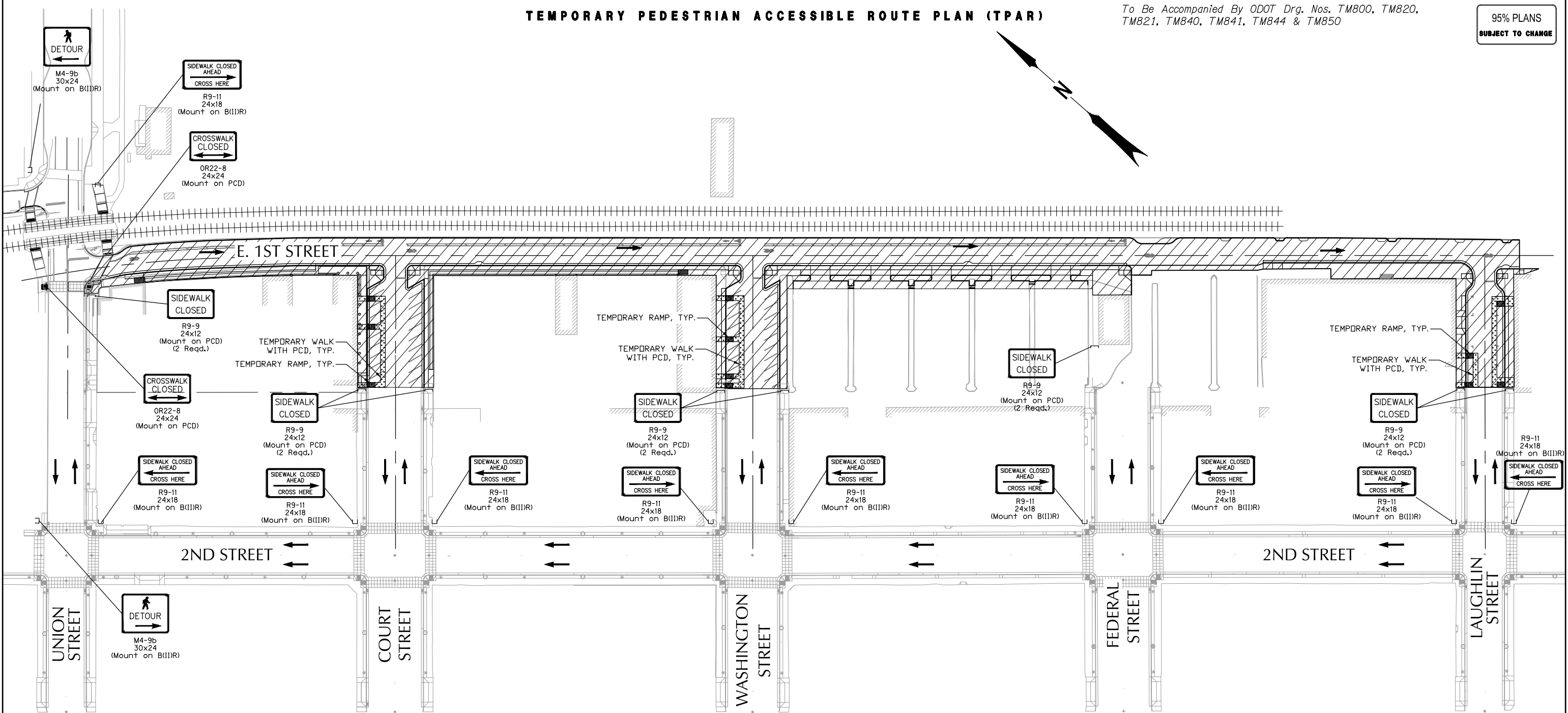
TRAFFIC CONTROL PLAN

SHEET NO.
EC01

TEMPORARY PEDESTRIAN ACCESSIBLE ROUTE PLAN (TPAR)

To Be Accompanied By ODOT Drg. Nos. TM800, TM820, TM821, TM840, TM841, TM844 & TM850

95% PLANS
SUBJECT TO CHANGE



NOTE:
1. PROVIDE TEMPORARY WALKS AND TEMPORARY RAMP AS SHOWN FOR SIDEWALK CONSTRUCTION ADJACENT TO BUILDINGS. PROVIDE ADDITIONAL DETOUR SIGNAGE PER DETAIL TM844.

LEGEND

AREA UNDER CONSTRUCTION
UNDER PEDESTRIAN TRAFFIC

SCALE
1 INCH = 100 FEET
100 0 100 200

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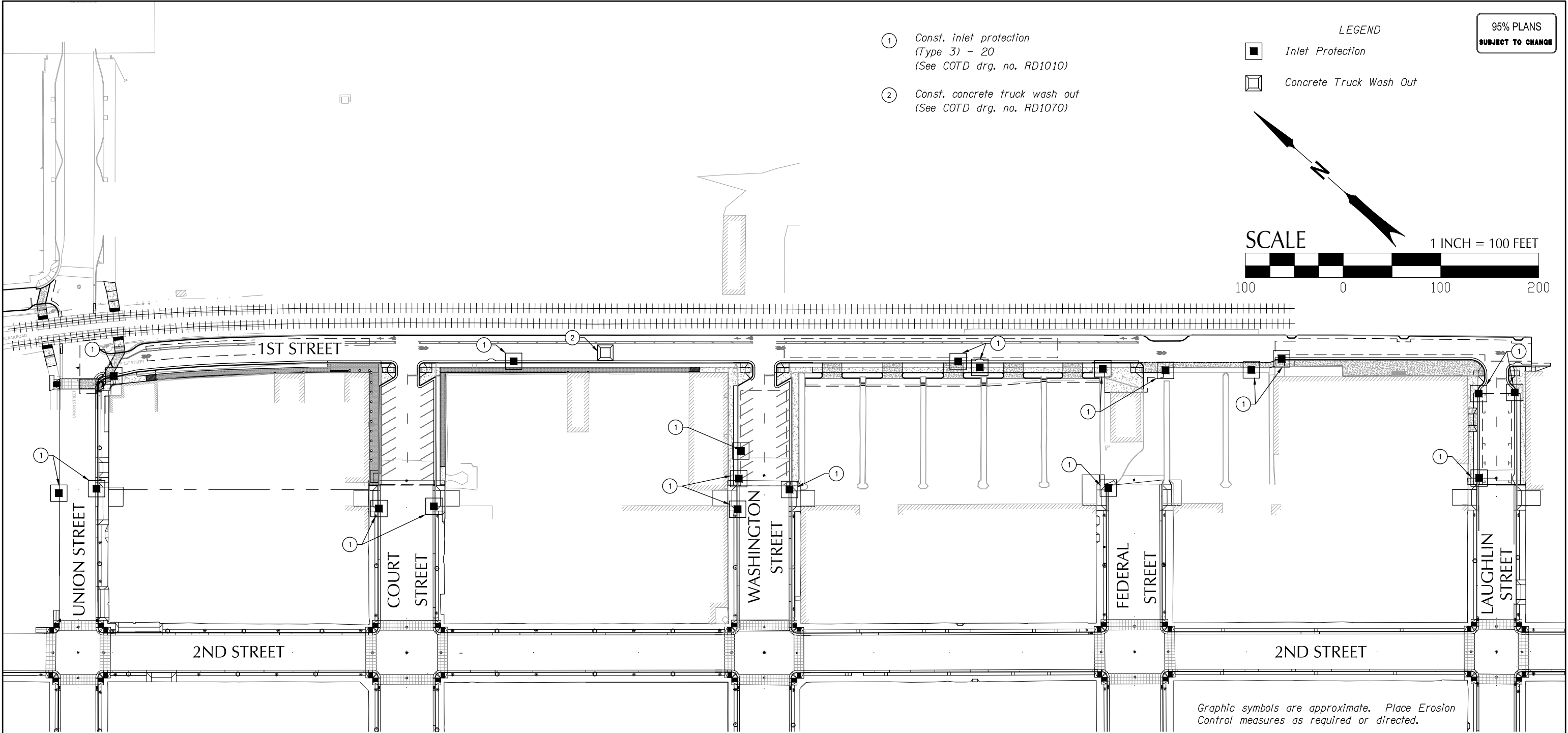
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UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

TRAFFIC CONTROL PLAN



SHEET NO.
EC02



GENERAL NOTES:

The construction, adjustment, maintenance, and upgrade of these Erosion and Sediment Control measures is the responsibility of the contractor for the duration of the project to comply with Section 00280 of the Oregon Standard Specifications for construction and the NPDES 1200-CA permit.

Erosion and Sediment Control measures shown on this plan are for anticipated site conditions. Adjust or upgrade these measures for unexpected storm events to ensure that sediment and sediment-laden water does not leave the site.

Develop a revised plan for the Erosion and Sediment Control measures shown as required by Section 00280, Oregon Standard Specifications for Construction. Implement this plan for all clearing and grading activities and in segments applicable to each staging phase. Construct in such a manner so as to ensure that sediment and sediment-laden water does not enter the roadway or drainage system, or violate applicable water standards.

Install measures within the right-of-way unless directed otherwise.

STANDARD DRAWINGS

- RD1000 Construction entrance
- RD1005 Check dam type 1,3,4
- RD1006 Check dam type 2,6
- RD1010 Inlet protection type 2,3,6,7,11
- RD1015 Inlet protection type 4
- RD1020 Inlet protection type 5
- RD1030 Sediment barrier type 2,3,4
- RD1031 Sediment barrier type 5,6
- RD1032 Sediment barrier type 8
- RD1033 Sediment barrier type 9
- RD1040 Sediment fence
- RD1045 Temporary slope drain with energy dissipator
- RD1050 Temporary scour basin/ energy dissipator
- RD1055 Slope and Channel Matting
- RD1060 Tire wash facility type 1 and 2
- RD1065 Sediment trap
- RD1070 Concrete truck wash out

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THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

EROSION CONTROL PLAN



SHEET
NO.
FB01

1. HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.

2. ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.

3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.

4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.

5. ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT.

6. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS.

7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT.

8. PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION.

9. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS.

10. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK.

11. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS.

12. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS.

13. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES.

14. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE.

15. USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS.

16. IMPLEMENT THE FOLLOWING BMPS WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES.

17. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL.

18. IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

19. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR.

20. AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS.

21. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER.

22. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL.

23. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT. AND BEFORE BMP REMOVAL.

24. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT.

25. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIMEFRAME.

26. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS.

27. THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE.

28. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE.

29. PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. HOWEVER, DO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPS.
- FOR
INFORMATION
ONLY
- kpff**
Consulting Engineers

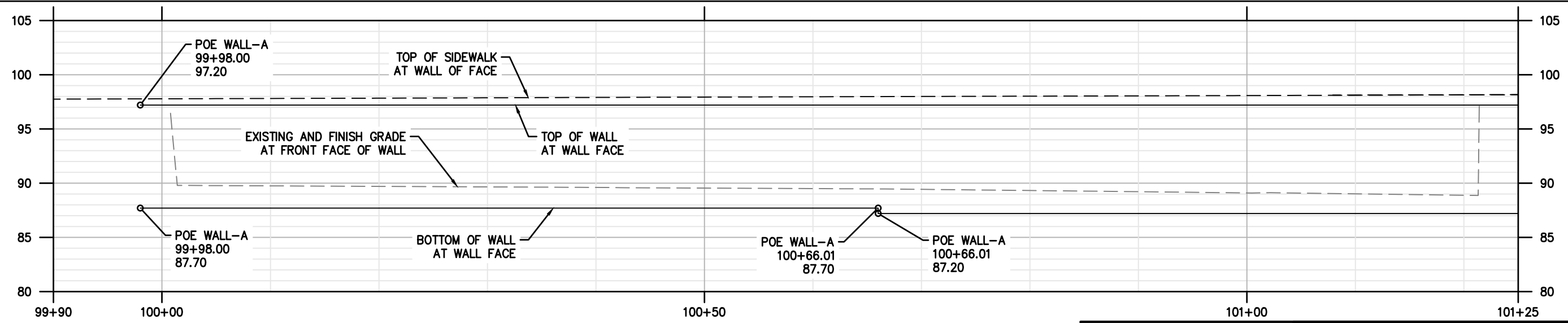
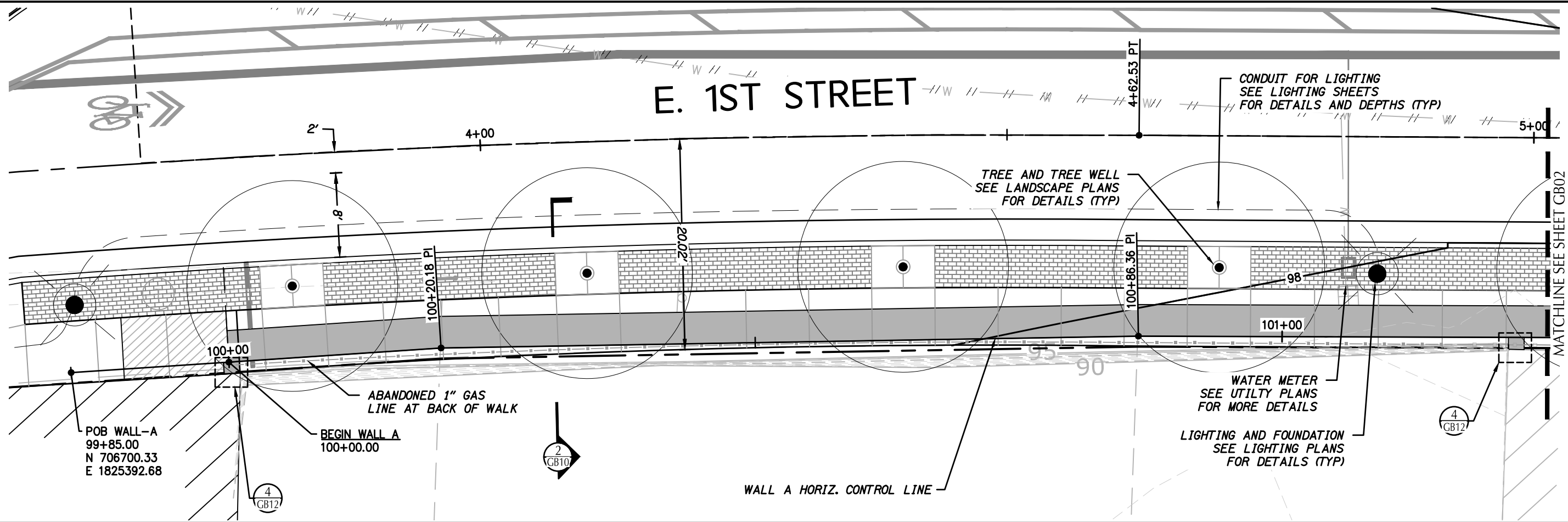
111 SW 5th Avenue
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Portland, Oregon 97204
503-542-3660

**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.
- The logo for the City of The Dalles, Oregon, is a circular seal featuring a mountain, a river, and a sun. The text "The Hub of the Pacific Northwest" is written around the top, and "CITY OF THE DALLES OREGON" is at the bottom. Below this is a large, stylized "UR" logo.
- EROSION CONTROL NOTES
- SHEET
NO.
FB02
- File: I:\c\p\2007\307286-The Dalles\CAD\PLOT\7286-FB01-ECP.dwg TAB:FB02
Plotted: 11/10/23 at 12:41pm By: pschmidtke
XREFs: 7286xtb-11X17-0DOT 7286xst 9985_AB 7286xsv 7286xut-SD 7286xsv-Union

E. 1ST STREET

95% PLANS
SUBJECT TO CHANGE



WALL-A PROFILE

SCALE: HORIZ: 1" = 10'
VERT: 1" = 10'

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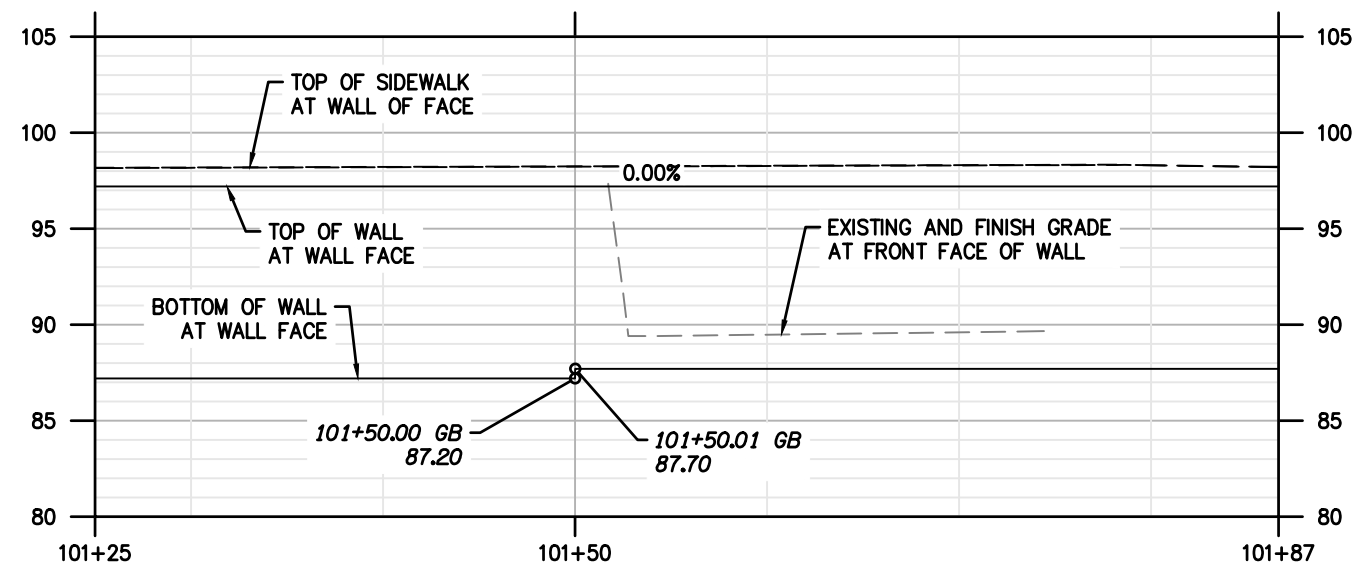
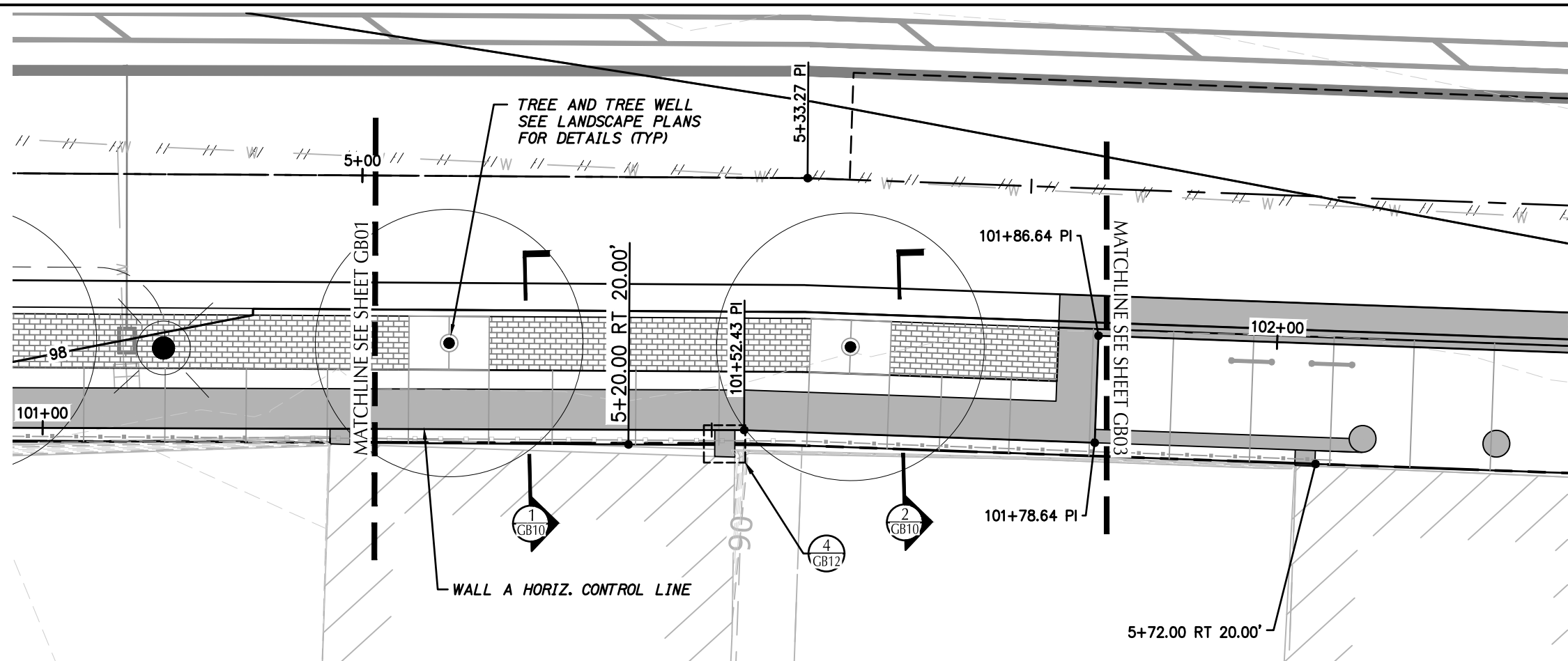
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THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

WALL A PLAN AND PROFILE

SHEET NO.
GB01



WALL-A PROFILE

SCALE: HORIZ: 1" = 10'
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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**

THE DALLES, OREGON
WASCO COUNTY

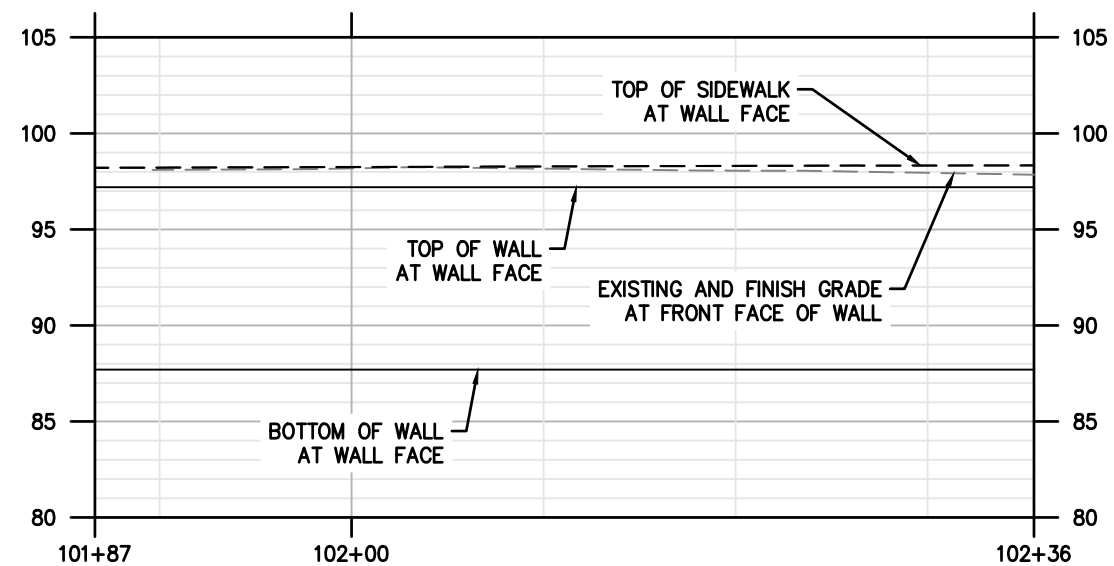
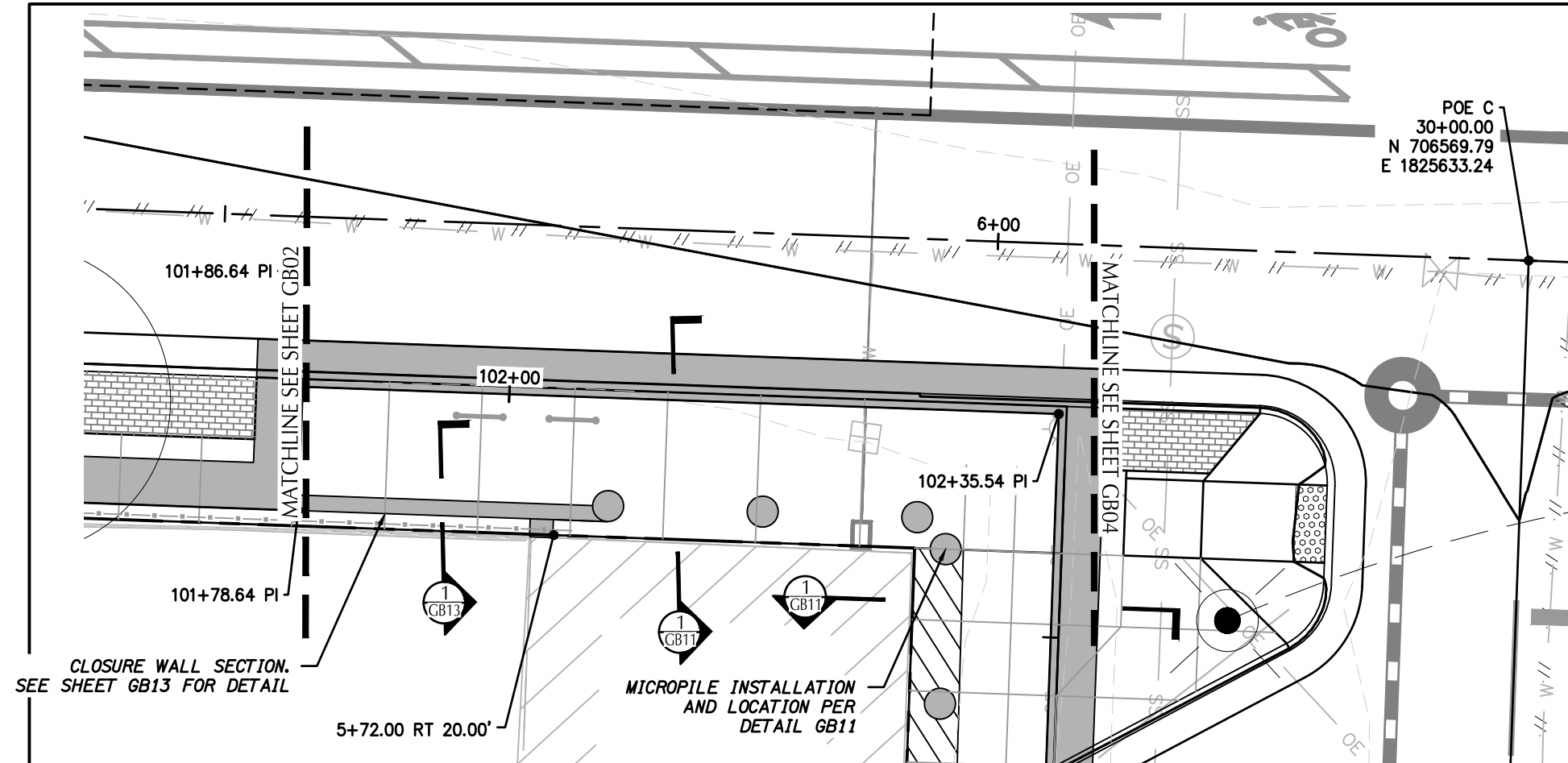
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.



WALL A PLAN AND PROFILE

SHEET
NO.
GB02

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SUBJECT TO CHANGE



WALL-A PROFILE

SCALE: HORIZ: 1" = 10'
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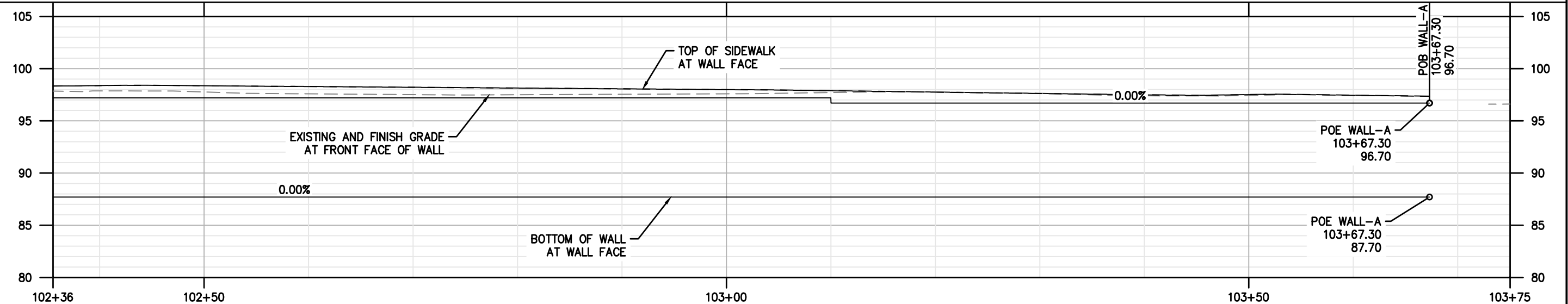
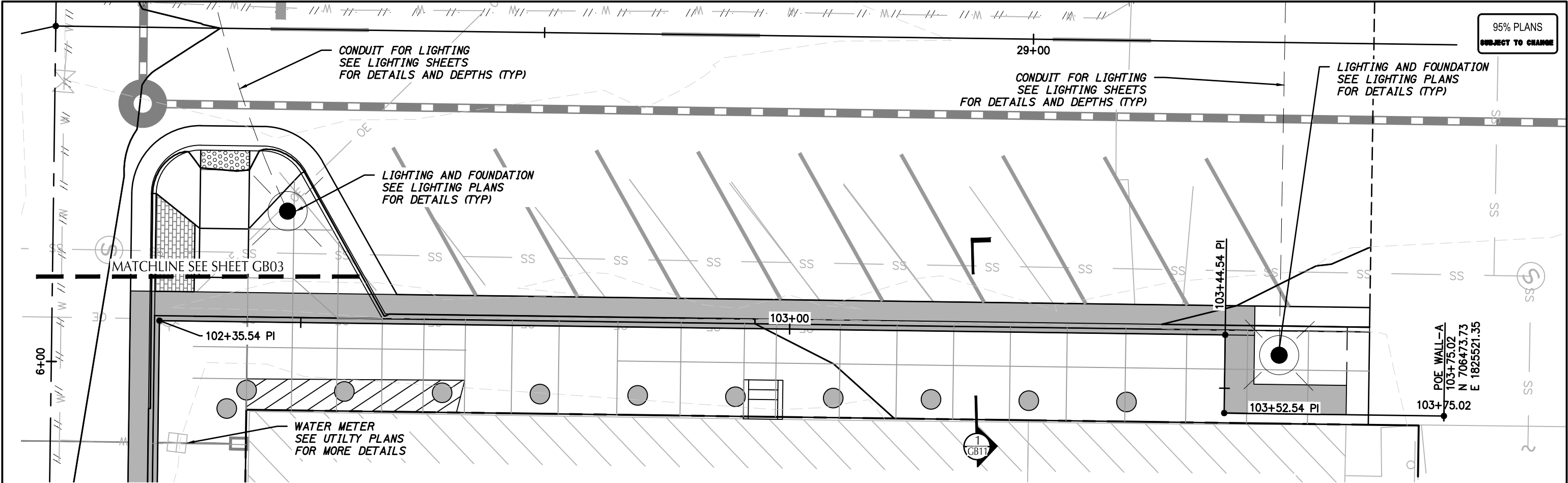
**THE DALLAS FIRST STREET PROJECT
UNION STREET TO MADISON STREET**

THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

WALL A PLAN AND PROFILE

SHEET
NO.
B03



WALL-A PROFILE

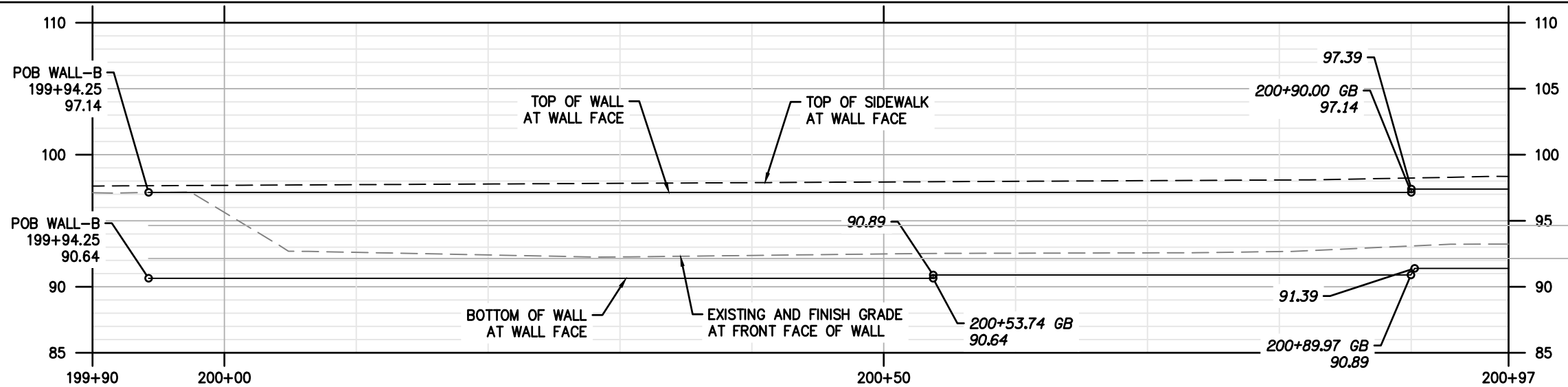
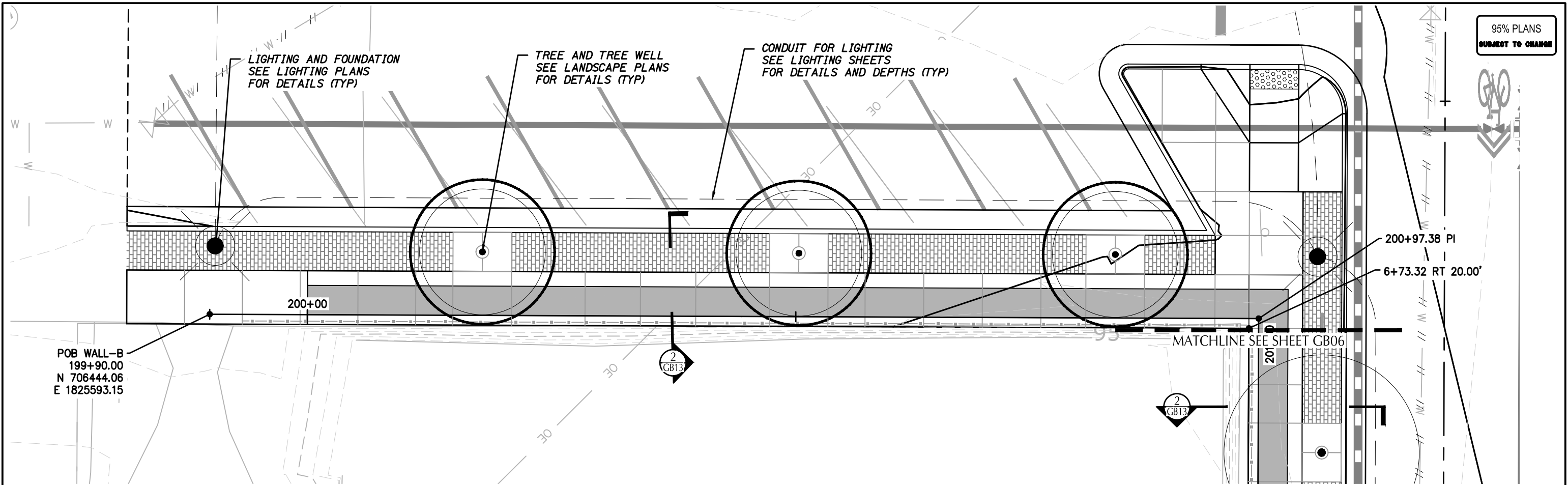
SCALE: HORIZ: 1" = 10'
VERT: 1" = 10'

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INFORMATION
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kpff Consulting Engineers 111 SW 5th Avenue Suite 2600 Portland, Oregon 97204 503-542-3860	 The Hub of the Pacific Northwest CITY OF THE DALLES OREGON
THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY	
Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.	
	

WALL A PLAN AND PROFILE

SHEET NO.
GB04



WALL-B PROFILE

SCALE: HORIZ: 1" = 10'
VERT: 1" = 10'

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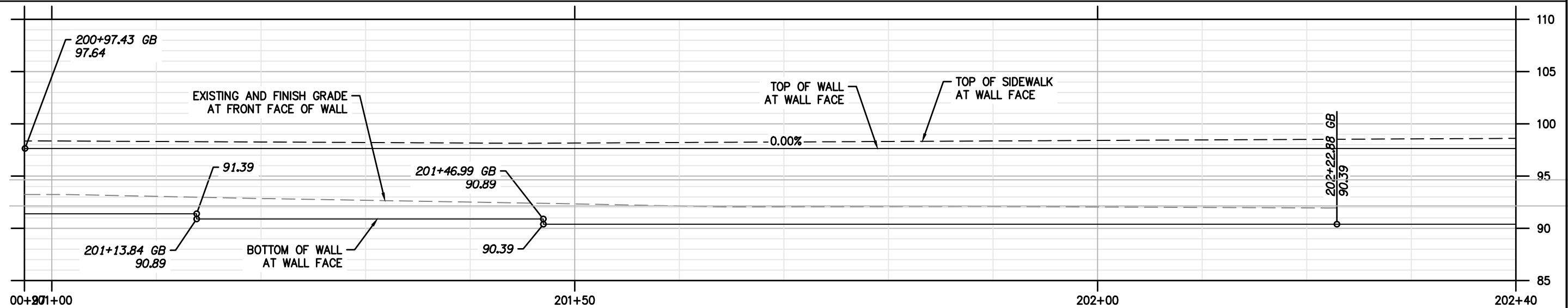
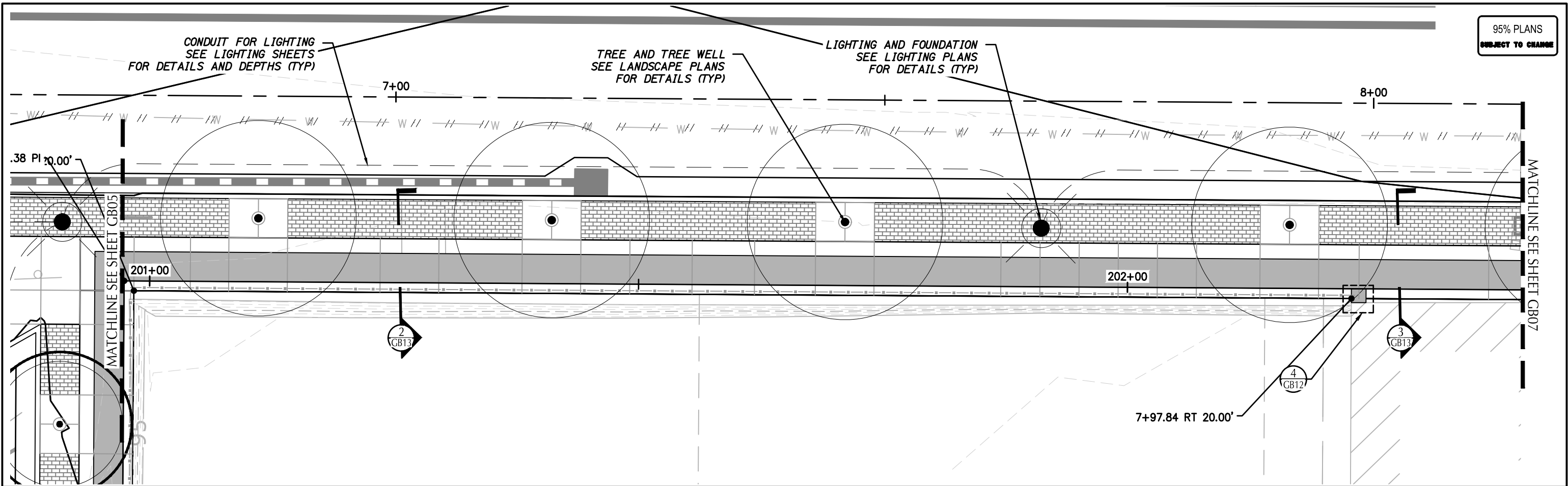
**THE DALLES FIRST STREET PROJECT
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THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

WALL B PLAN AND PROFILE

SHEET
NO.
GB05





WALL-B PROFILE

SCALE: HORIZ: 1" = 10'
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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

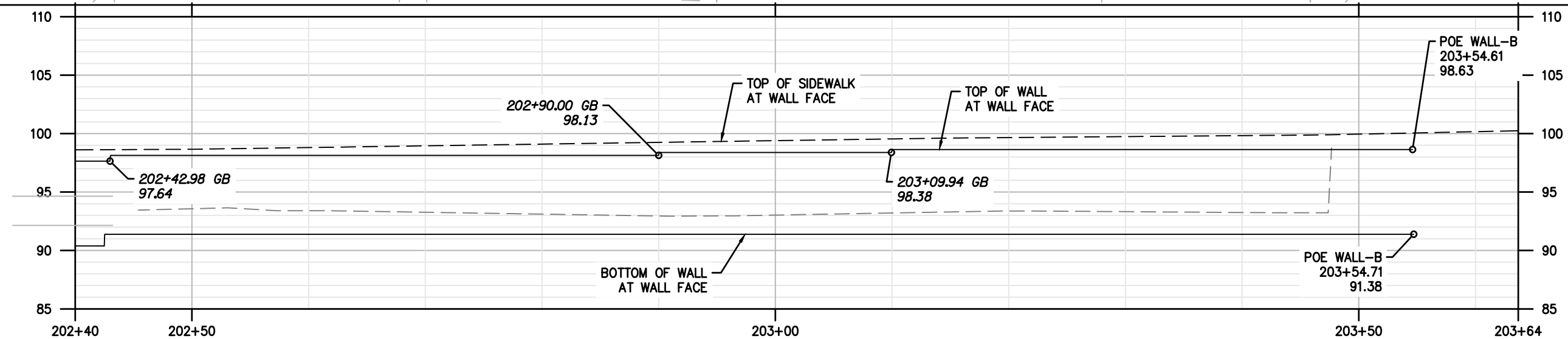
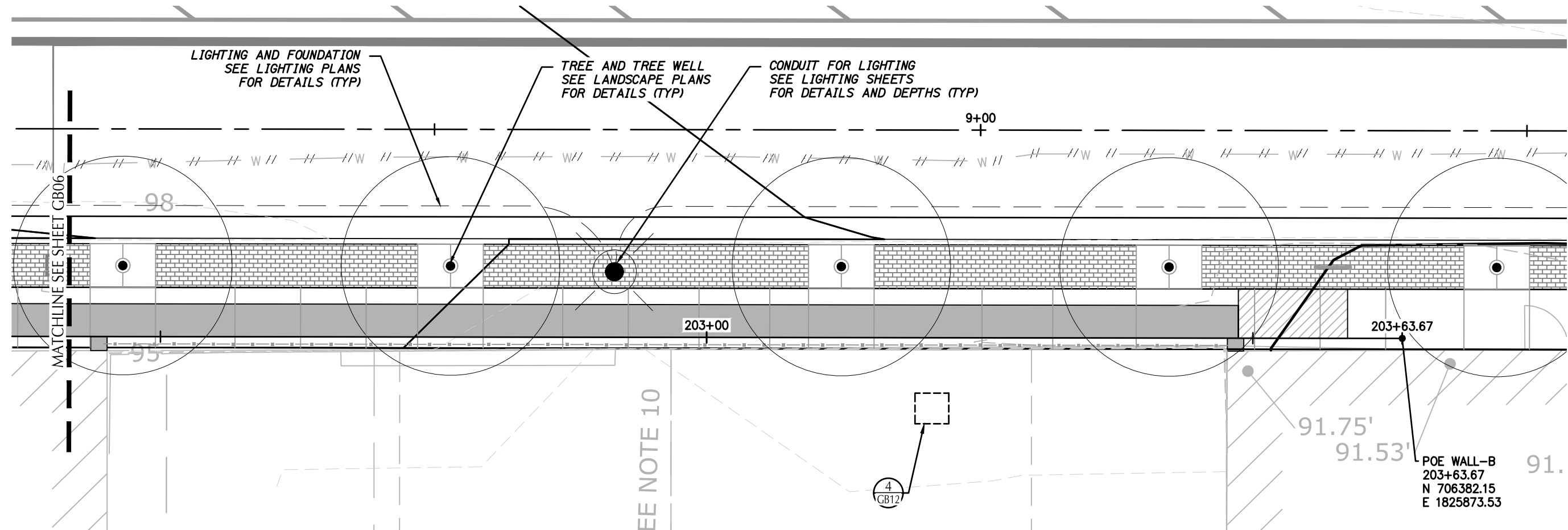


WALL B PLAN AND PROFILE

SHEET
NO.
GB06

95% PLANS

SUBJECT TO CHANGE



WALL-B PROFILE

SCALE: HORIZ: 1" = 10'
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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.



WALL B PLAN AND PROFILE

SHEET
NO.

GB07

C/L 1st St

R/W

1'-0"

19'-0"

Deflect upper row(s) of soil reinforcing below landscape soil and drainage system

Landscaping soil and drain system.

Soil reinforcement, typ.

Geotextile along back of Gabion basket, typ.

Temp cut slope or bench at contractor's option

Wall drain ref. Detail 2/GB12

6"

6" gravel subbase

Soil reinforcement

Ref. 1/GB14

Sheet notes:

1. Extend gravel subbase to R/W.
2. Refer to sheets GB01 to GB07 for wall horizontal and vertical alignments.

See note 1

Wall A horiz. control line

Front face (E) Bldg.

Proposed grade at top of sidewalk

Adjust height of top basket to fit required grading

3" Step-back between basket rows, typ.

Gabion basket facing, typ.

Approx. surrounding ground surface

Bottom of wall

'H' varies

Building foundation unknown

Note to Reviewer:
Location to be confirmed with test holes prior to Final Plans

1

TYPICAL WALL A SECTION AT BUILDING

Scale: 1/4"=1'-0"

C/L 1st St

R/W

1'-0"

19'-0"

4'-6"
Furnishing zone

5'-6"
Reinforced sidewalk, ref. detail 1/GB12

See Detail 1 this sheet

Soil reinforcement, typ.

Geotextile along back and top of Gabion baskets, typ.

Temp cut slope or bench at contractor's option

Wall drain ref. Detail 2/GB12

6"

6" gravel subbase

Soil reinforcement

Ref. 1/GB14

Gabion wall horiz. control line

Adjust height of top basket to fit required grading

3" Step-back between basket rows, typ.

MSE Wall with Gabion basket facing, typ.

Approx. (E) ground

1'-6" (MIN.)

'H' varies

Extend gravel subbase to R/W

2

TYPICAL WALL A SECTION NOT AT BUILDING

Scale: 1/4"=1'-0"

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THE DALLES FIRST STREET PROJECT
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WASCO COUNTY

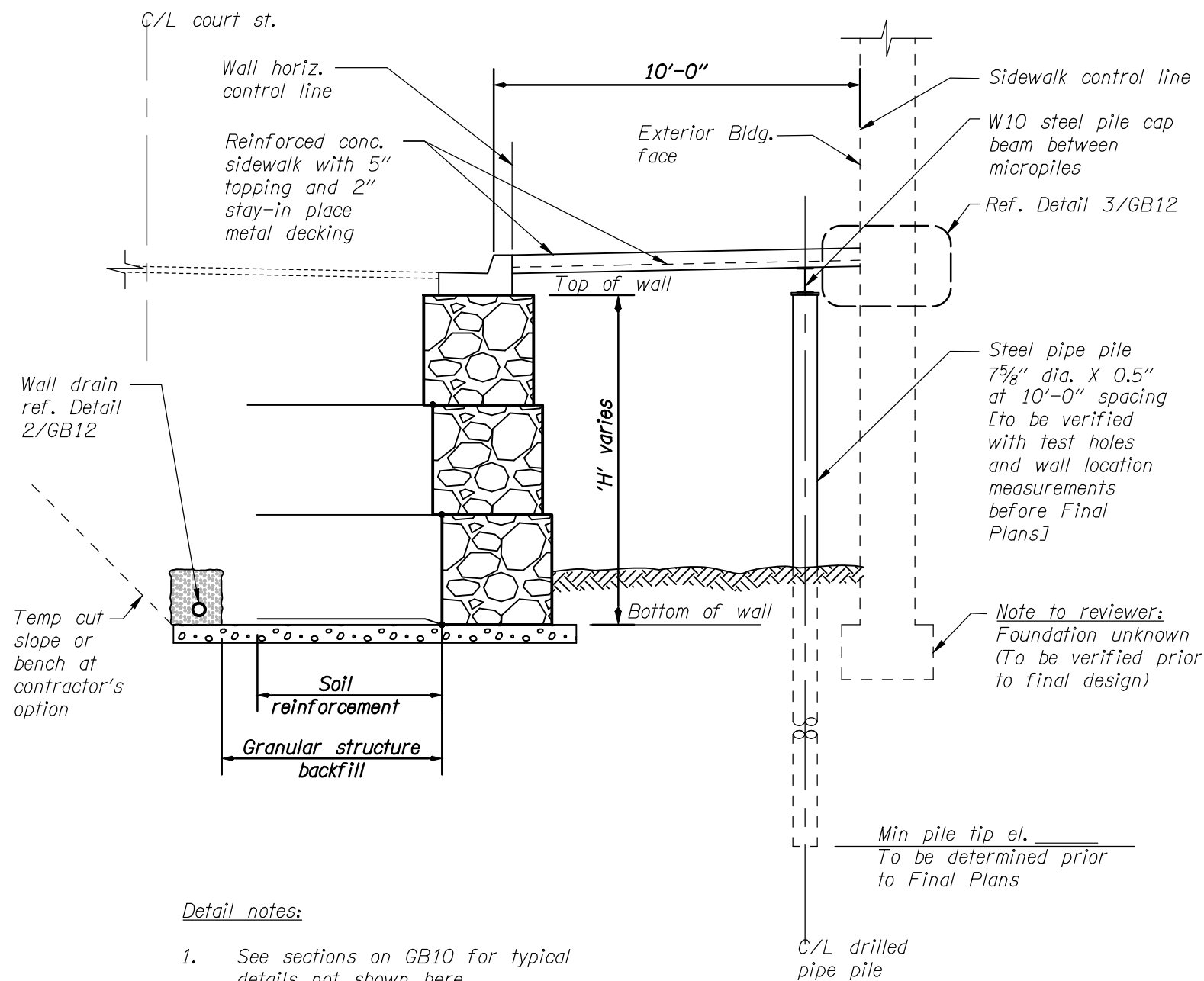
Designed By - S.W.
Drafted By - A.D.

RETAINING WALL SECTIONS



SHEET NO.

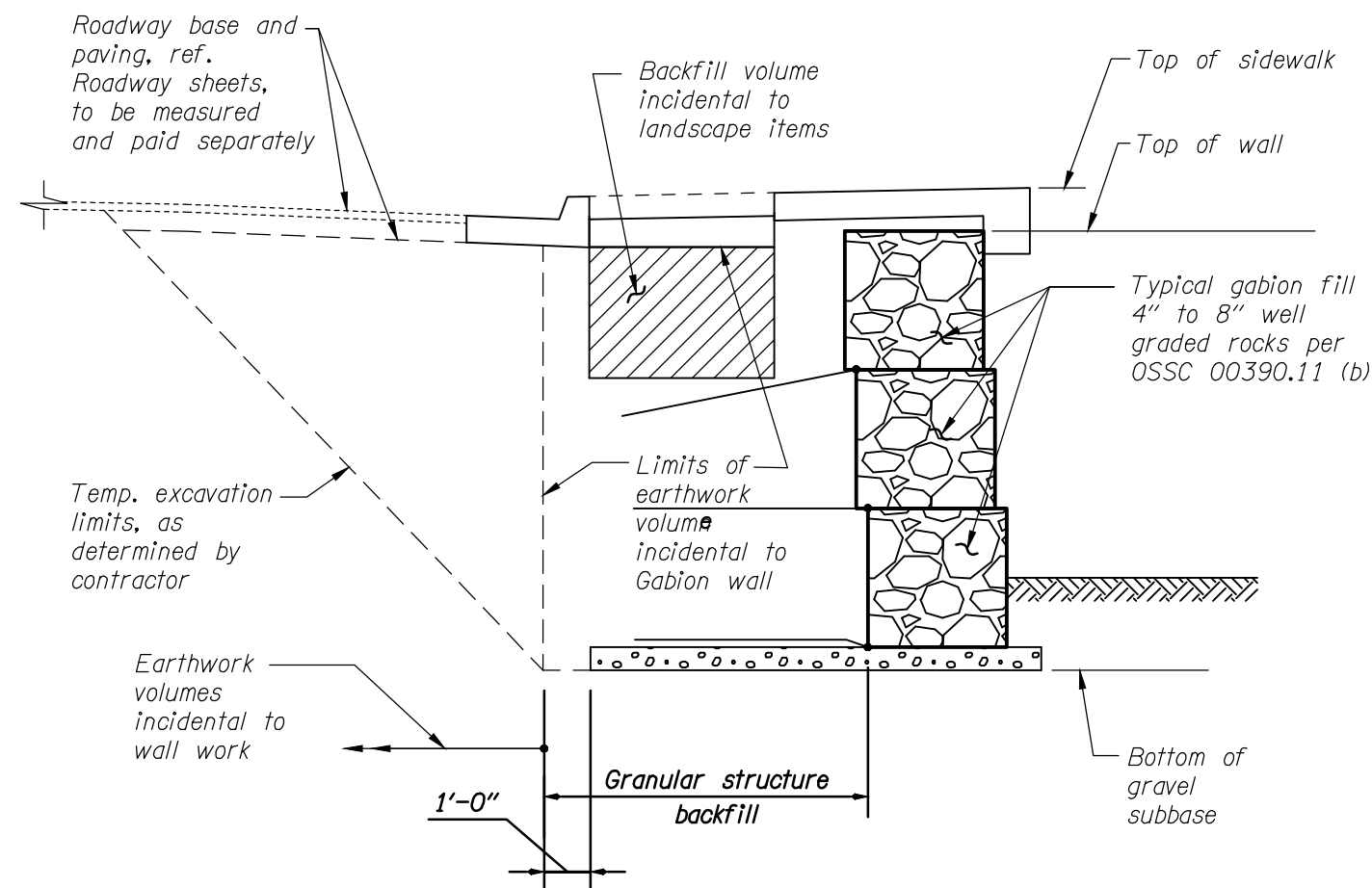
GB10



Detail notes:

- See sections on GB10 for typical details not shown here.

1 WALL A SECTION AT 205 COURT ST.
Scale: 1/4"=1'-0"



2 TYPICAL EXCAVATION AND BACKFILL QUANTITIES AND MATERIAL INCIDENTAL TO WALL PAY AREA
Scale: 1/4"=1'-0"

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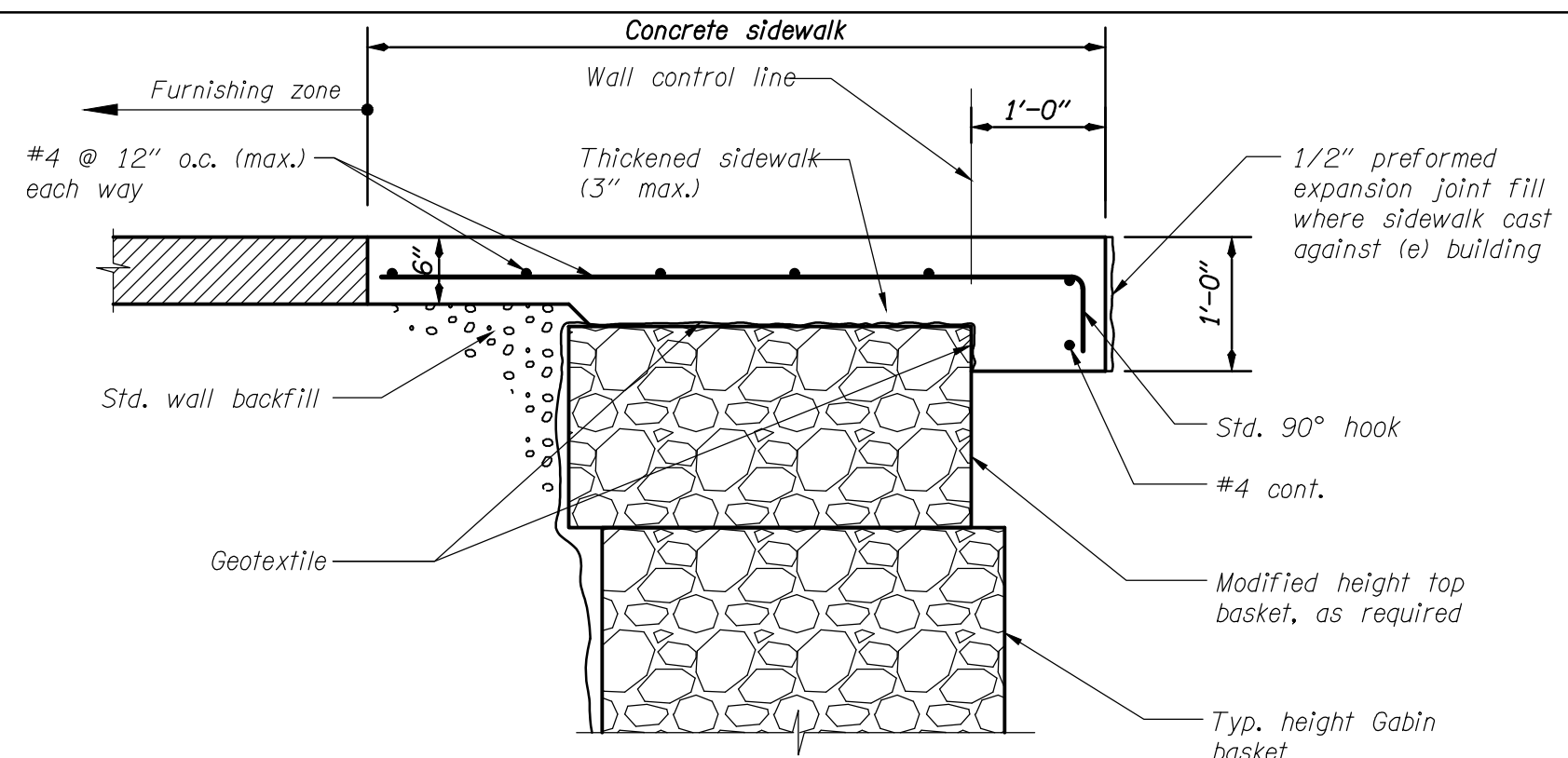
Designed By - S.W.
Drafted By - A.D.

RETAINING WALL SECTIONS

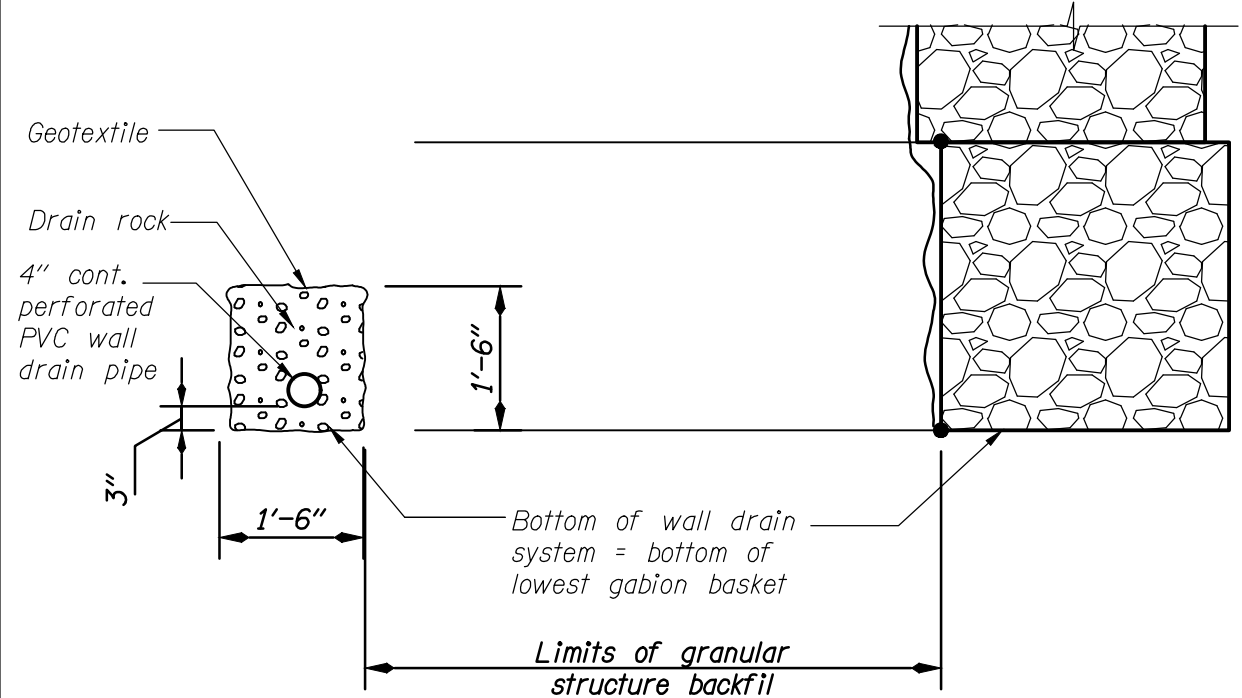


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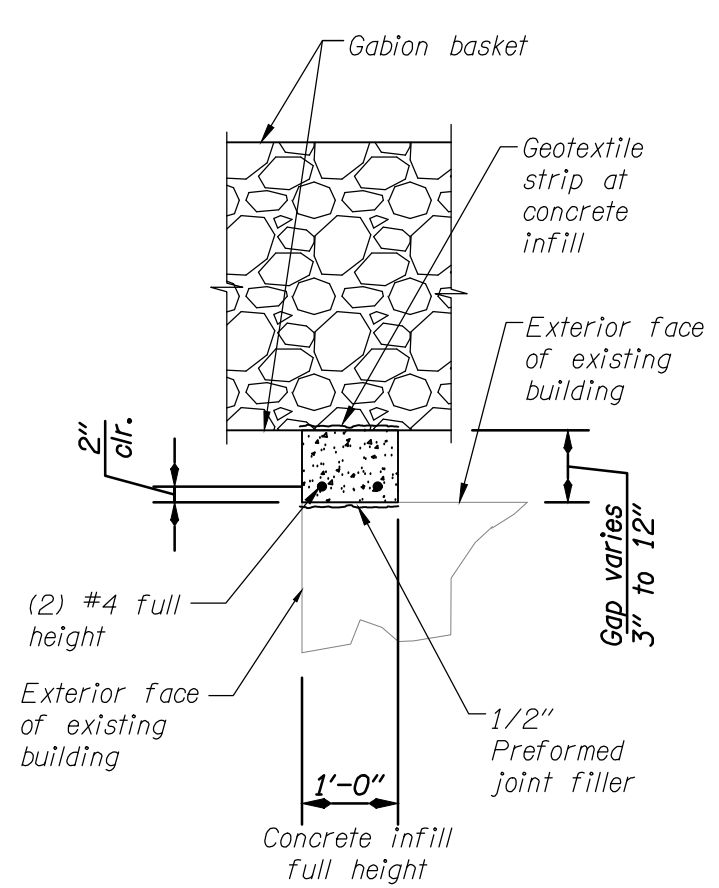
GB11



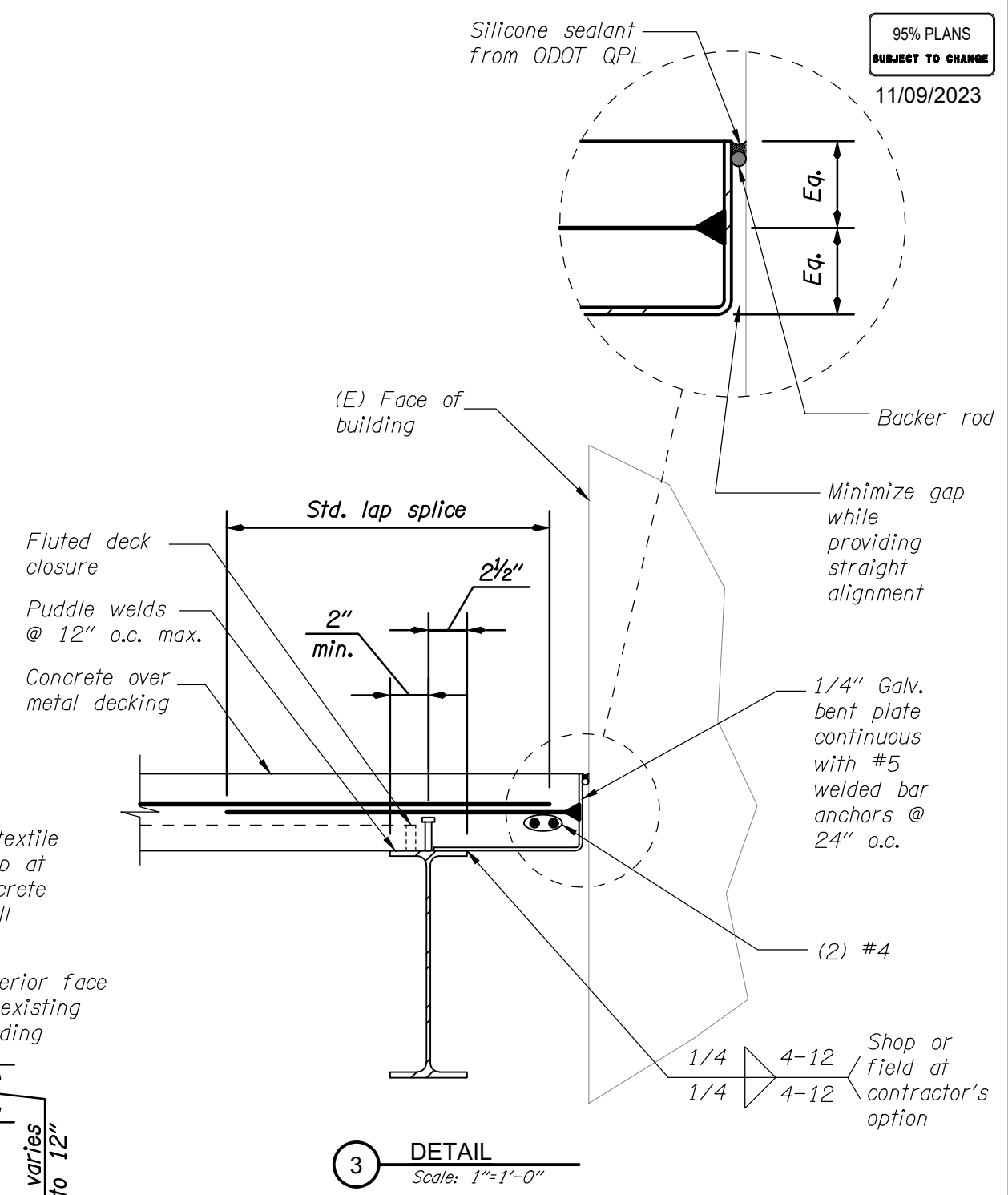
1 REINFORCED SIDEWALK AND COPING DETAIL
Scale: 3/4"=1'-0"



2 WALL DRAIN DETAIL
Scale: 1/2"=1'-0"

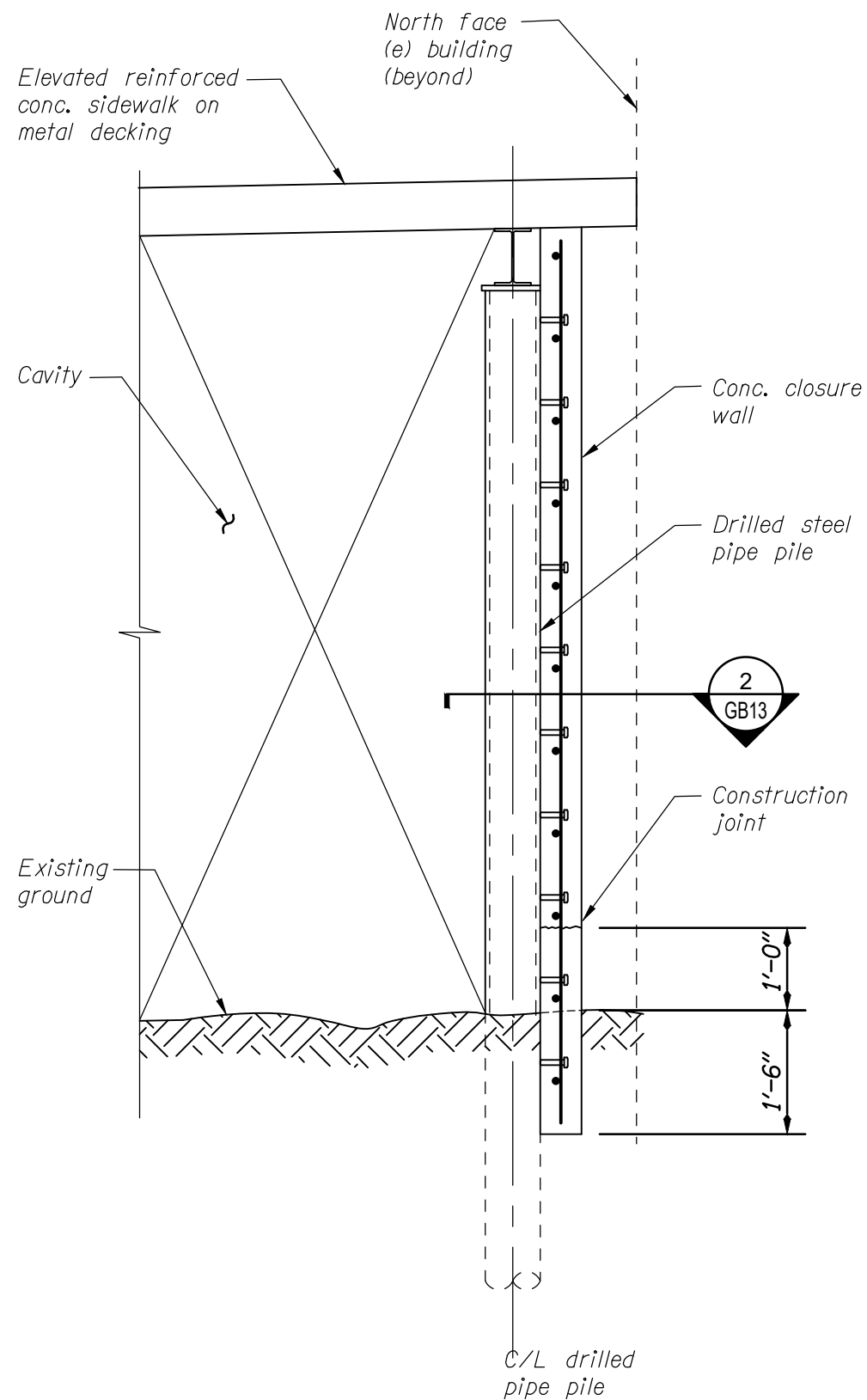


4 CONCRETE IN-FILL AT BUILDING
Scale: 1/2"=1'-0"

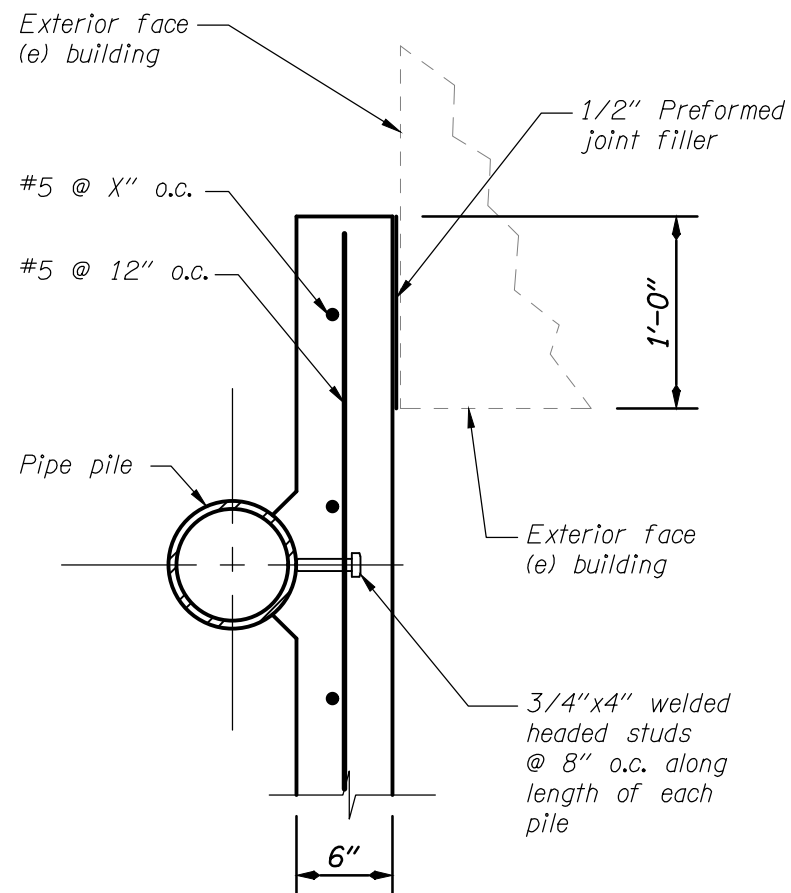


3 DETAIL
Scale: 1"=1'-0"

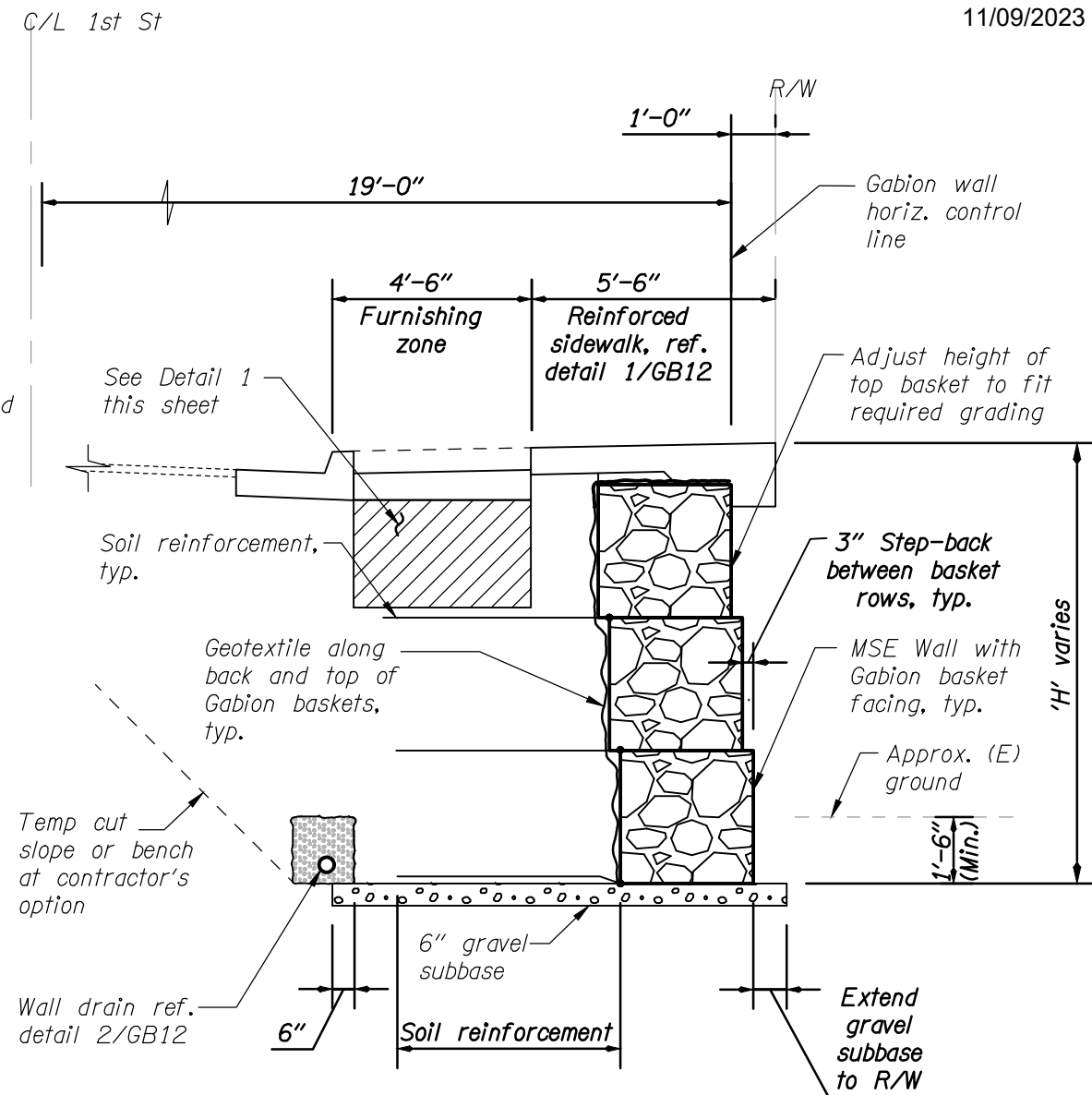
FOR INFORMATION ONLY	kpff Consulting Engineers 111 SW 5th Avenue Suite 2600 Portland, Oregon 97204 503-542-3660		 CITY OF THE DALLES OREGON
	THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY		
	Designed By - S.W. Drafted By - A.D.		
	RETAINING WALL DETAILS		
			SHEET NO. GB12



1 SECTION AT CLOSURE WALL
Scale: 1/2"=1'-0"



2 CLOSURE WALL SECTION
Scale: 1"=1'-0"



3 TYPICAL WALL B SECTION
Scale: 1/4"=1'-0"

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THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Designed By - S.W.
Drafted By - A.D.

RETAINING WALL SECTIONS



SHEET
NO.

GB13

GENERAL STRUCTURAL NOTES

95% PLANS

SUBJECT TO CHANGE

11/09/2023

GENERAL

PROVIDE ALL MATERIALS AND PERFORM ALL WORK ACCORDING TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION 2021 AND THE PROJECT SPECIAL PROVISIONS (COLLECTIVELY REFERENCED AS THE SPECIFICATIONS).

MECHANICALLY STABILIZED EARTH (MSE) WALL WITH GABION FACING DESIGN CRITERIA

WALLS DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, AS MODIFIED BY THE ODOT BRIDGE DESIGN MANUAL AND THE ODOT GEOTECHNICAL DESIGN MANUAL.

DESIGN BASED ON GEOTECHNICAL REPORT BY GRI, DATED 7-14-2023.

WALLS DESIGNED FOR THE FOLLOWING LOADS AND ALLOWANCES:

LOADS

LATERAL EARTH PRESSURES: SEE DIAGRAM, THIS SHEET
GABION WALL FILL DENSITY: 100 PCF
TRAFFIC SURCHARGE: SEE DIAGRAM, THIS SHEET
DENSITY OF RETAINED SOIL: 125 PCF

ALLOWANCES OR RESISTANCES

COEFFICIENT OF SLIDING FRICTION: SEE DIAGRAM, THIS SHEET
NOMINAL SOIL BEARING RESISTANCE: 4,500 PSF
SOIL BEARING RESISTANCE FACTORS: STRENGTH = 0.45; SEISMIC = 1.00
SLIDING RESISTANCE FACTORS: STRENGTH = 0.90; SEISMIC = 1.00

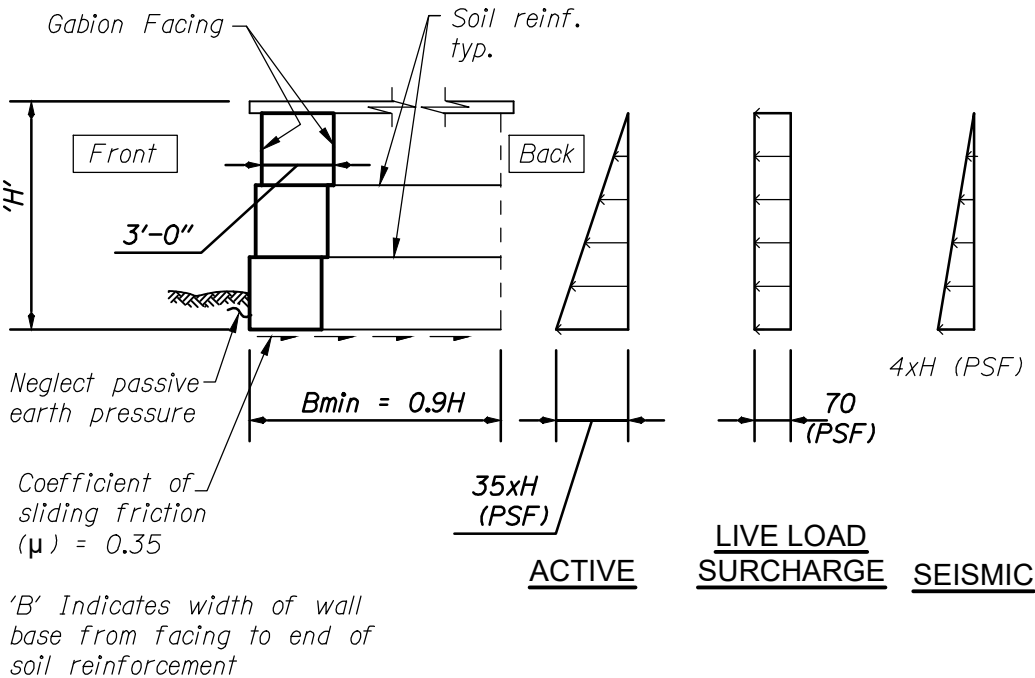
CONCRETE AND REINFORCING

PROVIDE CLASS 4000 - 1 1/2", 1", OR 3/4" CONCRETE FOR ALL LOCATIONS, U.N.O.
PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CONCRETE EDGES U.N.O.
PLACE BARS 3" CLEAR WHEN CAST AGAINST SOIL
PLACE BARS 2" CLEAR OF NEAREST FACE OF CONCRETE AT OTHER LOCATIONS, U.N.O.
PROVIDE UNCOATED REINFORCING STEEL ACCORDING TO AASHTO M31 (ASTM A615) GRADE 60.
USE THE FOLLOWING SPLICE LENGTHS

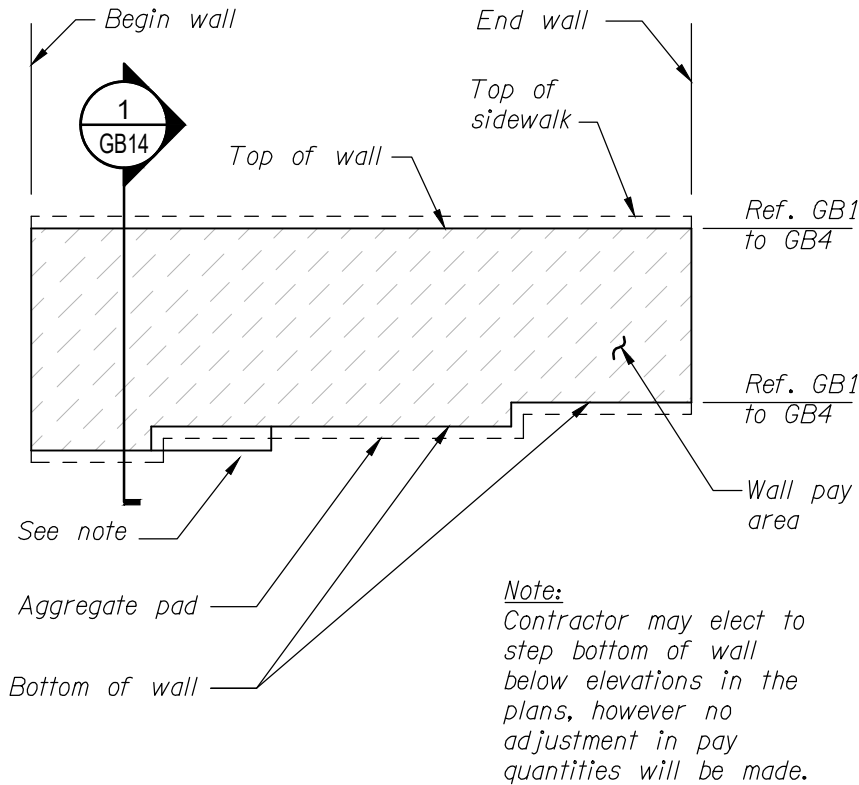
REINFORCING SPLICE LENGTHS (CLASS B) GRADE 60 f _c ≥ 4.0 KSI, ε _{cr} =0.4, 2 IN MIN. CONCRETE CLEAR COVER FOR #6 AND LARGER, 1" MIN. CLEAR COVER FOR #5 AND SMALLER					
BAR SIZE	#3	#4	#5	#6	#7
UNCOATED	1' - 4"	1' - 7"	2' - 0"	2' - 5"	2' - 9"

INCREASE ALL SPLICE LENGTHS 30% FOR HORIZONTAL OR NEARLY HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE BAR.

SPLICE REINFORCING STEEL AT ALTERNATE BARS, STAGGERED AT LEAST ONE SPLICE LENGTH OR AS FAR AS POSSIBLE, UNLESS SHOWN OTHERWISE.



1 LATERAL EARTH PRESSURE DIAGRAM
Scale: NTS



2 WALL PAY AREA DIAGRAM
Scale: NTS

FOR
INFORMATION
ONLY

kpff
Consulting Engineers
111 SW 5th Avenue
Suite 2600
Portland, Oregon 97204
503-542-3660

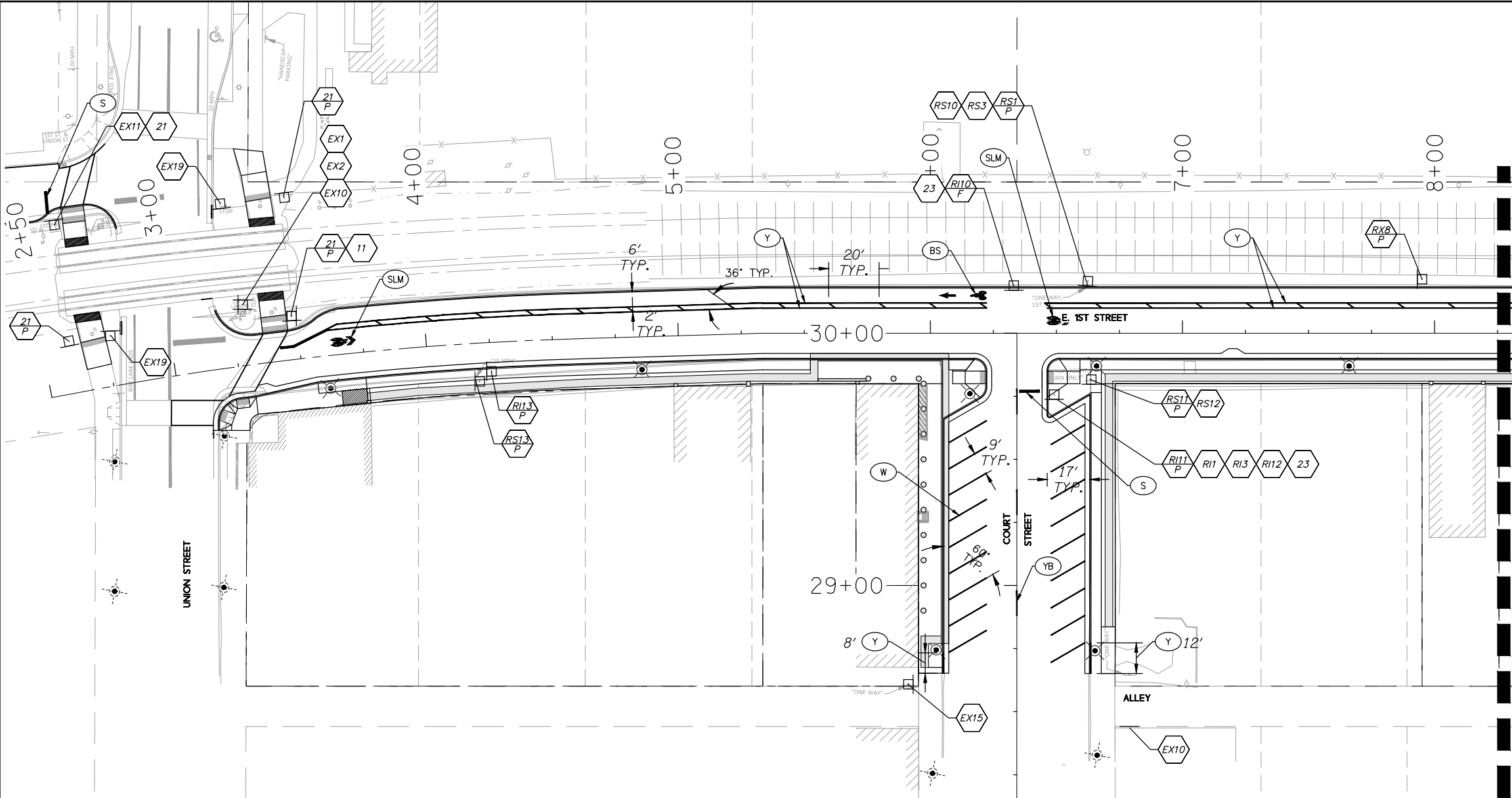
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Designed By - S.W.
Drafted By - A.D.

GENERAL STRUCTURAL NOTES



SHEET
NO.
GB-14



95% PLANS
SUBJECT TO CHANGE

Sign bubble legend

- Install new sign (N) on new (M) sign support
- Maintain and protect existing sign (N) and support
- Remove and save existing sign (N)
- Remove and save existing sign (N) and remove (M) sign support
- Reinstall existing sign (N)
- Reinstall existing sign (N) on new (M) sign support
- Remove existing sign (N) and (M) sign support
- Remove existing sign (N)

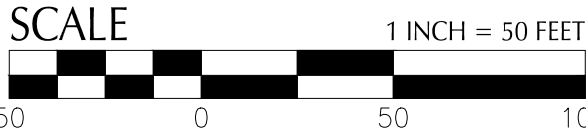
Striping bubble legend

- Shared lane marking, ODOT drg. no. TM503
- Bike lane standard stencil, ODOT drg. no. TM503
- 4" Broken yellow line, ODOT drg. no. TM500
- 4" Solid white line, ODOT drg. no. TM500
- 8" Solid white line, ODOT drg. no. TM500
- 4" Solid yellow line, ODOT drg. no. TM500
- Stop bar, 1' white bar, ODOT drg. no. TM503

N = Sign number
M = Material
Material options:
F = Mount sign on fence.
P = Pipe sign support.

- NOTE:
- To be accompanied by ODOT drg. nos. TM200-201, TM206, TM500-503, TM635, TM676, TM681-688.
 - Salvaged two-sided signs are to be reinstalled as two-sided signs.
 - Refer to Sheet LB01 for sign details.

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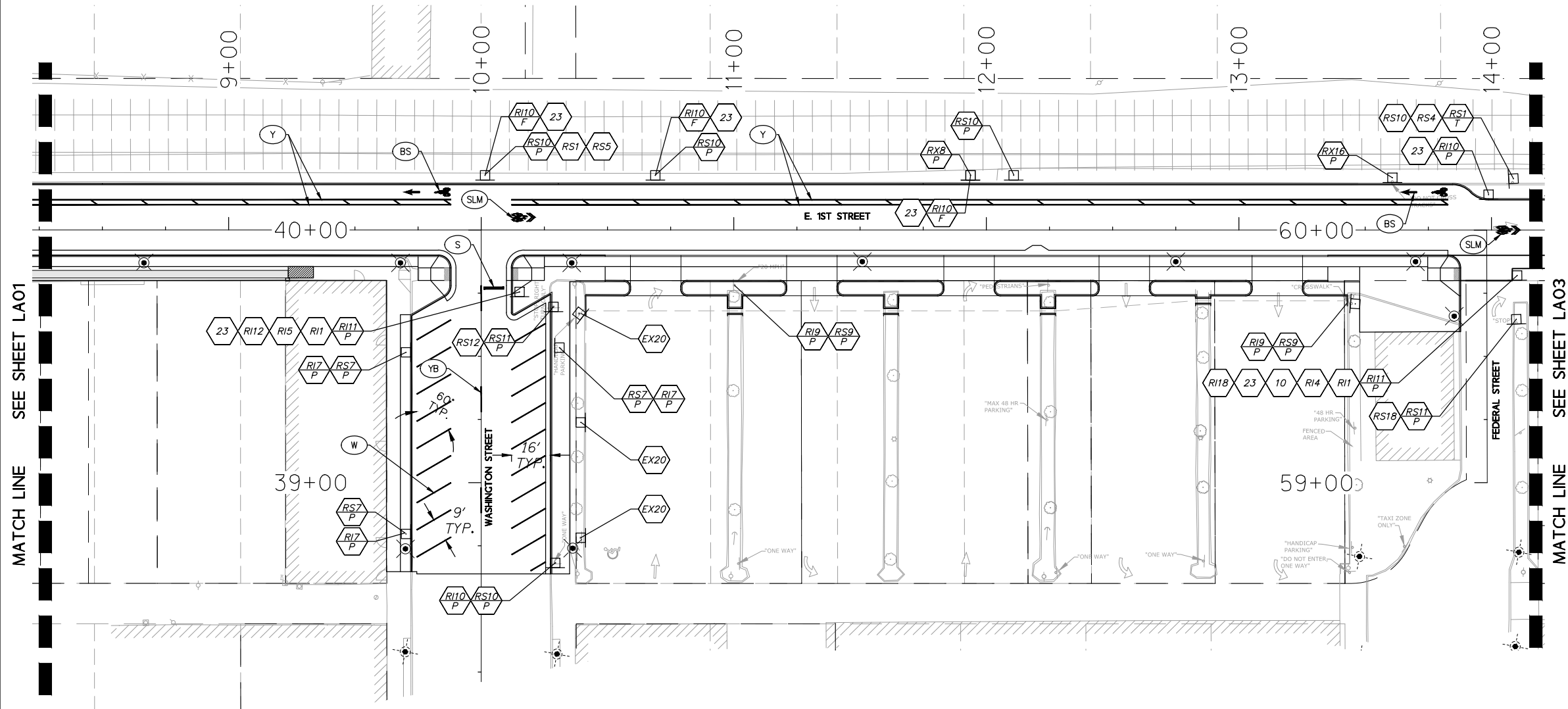
THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

**PERMANENT SIGNING
& STRIPING PLAN**



SHEET
NO.
LA01



Sign bubble legend

- Install new sign (N) on new (M) sign support+
- Maintain and protect existing sign (N) and support
- Remove and save existing sign (N)
- Remove and save existing sign (N) and remove (M) sign support
- Reinstall existing sign (N)
- Reinstall existing sign (N) on new (M) sign support
- Remove existing sign (N) and (M) sign support
- Remove existing sign (N)

Striping bubble legend

- Shared lane marking, ODOT drg. no. TM503
- Bike lane standard stencil, ODOT drg. no. TM503
- 4" Broken yellow line, ODOT drg. no. TM500
- 4" Solid white line, ODOT drg. no. TM500
- 8" Solid white line, ODOT drg. no. TM500
- 4" Solid yellow line, ODOT drg. no. TM500
- Stop bar, 1' white bar, ODOT drg. no. TM503

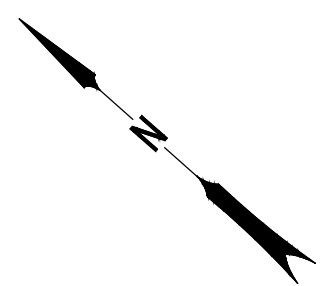
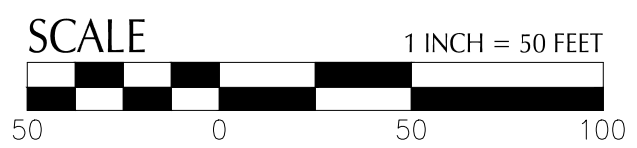
N = Sign number
M = Material

Material options:

- F = Mount sign on fence.
- P = Pipe sign support.

NOTE:

- To be accompanied by ODOT drg. nos. TM200-201, TM206, TM500-503, TM635, TM676, TM681-688.
- Salvaged two-sided signs are to be reinstalled as two-sided signs.
- Refer to Sheet LBO1 for sign details.



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Portland, Oregon 97204
503-542-3660

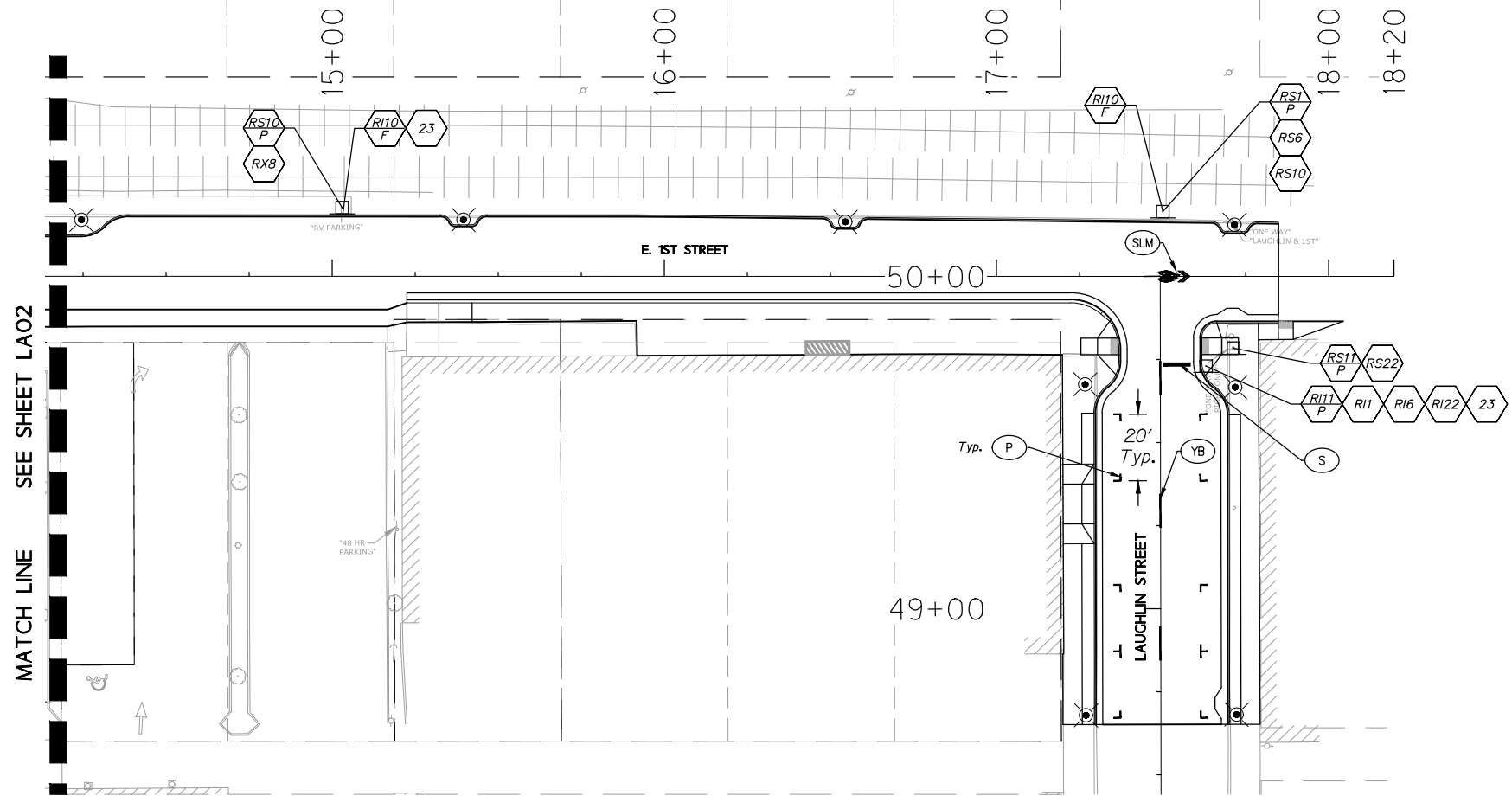
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

**PERMANENT SIGNING
& STRIPING PLAN**



SHEET
NO.
LA02



Sign bubble legend

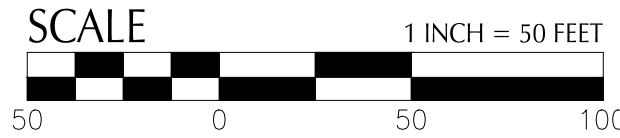
- Remove and save existing sign (N)
- Remove and save existing sign (N) and remove (M) sign support
- Reinstall existing sign (N)
- Reinstall existing sign (N) on new (M) sign support

Striping bubble legend

- Shared lane marker, ODOT drg. no. TM503
- 4" Broken yellow line, ODOT drg. no. TM500
- 4" Solid yellow line, ODOT drg. no. TM500
- On-street parking (white), ODOT drg. no. TM503
- Stop bar, 1' white bar, ODOT drg. no TM503

N = Sign number
M = Material
Material options:
F = Mount sign on fence.
P = Pipe sign support.

- NOTE:
- To be accompanied by ODOT drg. nos. TM200-201, TM206, TM500-503, TM635, TM676, TM681-688.
 - Salvaged two-sided signs are to be reinstalled as two-sided signs.
 - Refer to Sheet LB01 for sign details.



FOR
INFORMATION
ONLY

 Consulting Engineers 111 SW 5th Avenue Suite 2600 Portland, Oregon 97204 503-542-3660	 The Hub of the Pacific Northwest THE DALLES, OREGON
THE DALLES FIRST STREET PROJECT UNION STREET TO MADISON STREET THE DALLES, OREGON WASCO COUNTY	
Design Team Leader - P.C. Designed By - F.M. / S.L. / T.K. / P.S. Drafted By - R.C.	
PERMANENT SIGNING & STRIPING PLAN	
SHEET NO. LA03	

E 1st ST

Sign No. 1

UNION ST

Sign No. 2

COURT ST

Sign No. 3

FEDERAL ST

Sign No. 4

WASHINGTON ST

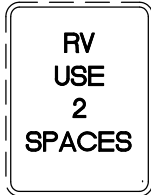
Sign No. 5

LAUGHLIN St.

Sign No. 6



Sign No. 7



Sign No. 8



Sign No. 9



Sign No. 10



Sign No. 11



Sign No. 12



Sign No. 13



Sign No. 14



Sign No. 15



Sign No. 16

NOT USED

Sign No. 17



Sign No. 18



Sign No. 19



Sign No. 20



Sign No. 21



Sign No. 22

EXCEPT BICYCLES

Sign No. 23

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Portland, Oregon 97204
503-542-3660

THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

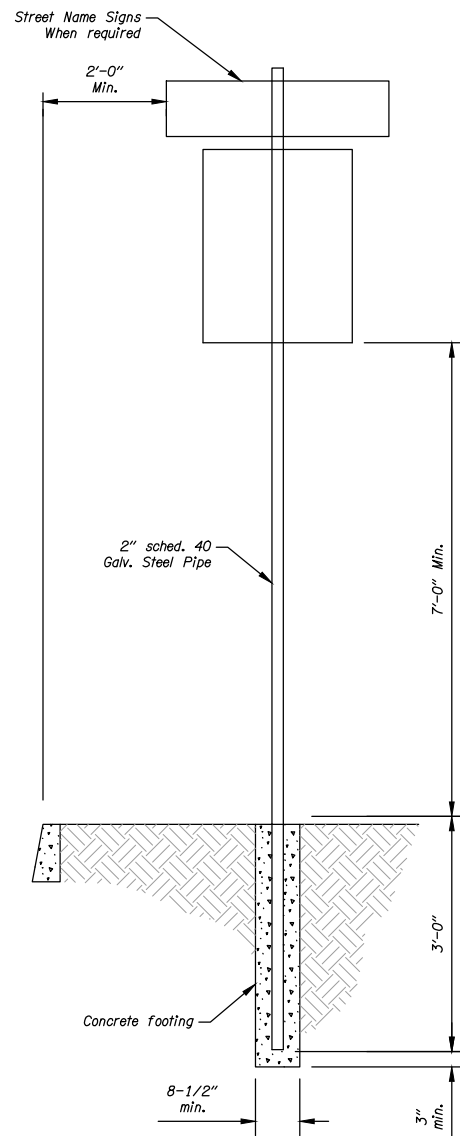
Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

SIGN DETAILS

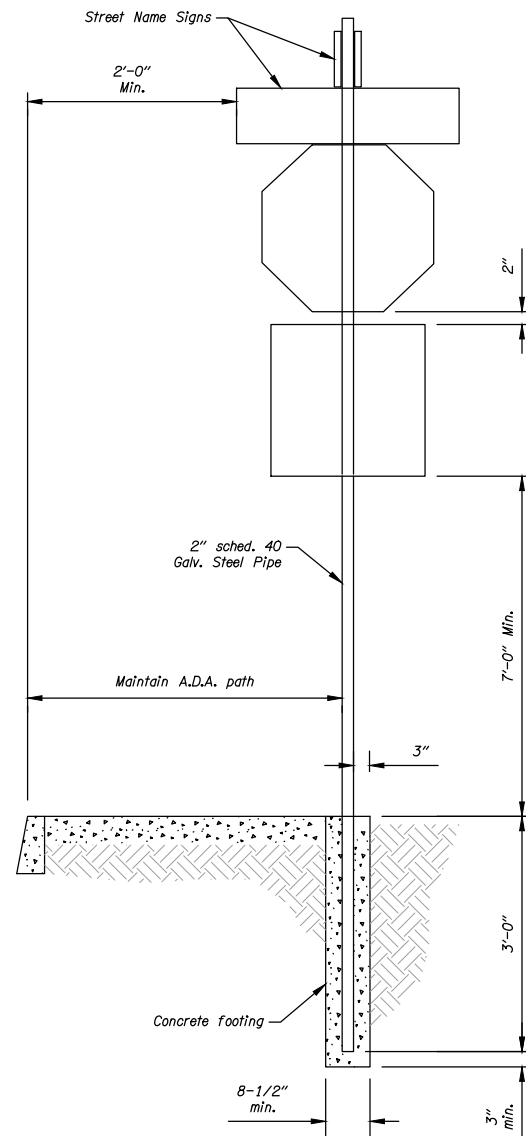


SHEET
NO.

LB01



PIPE SIGN SUPPORT DETAIL
ONE SIGN



PIPE SIGN SUPPORT DETAIL
TWO OR MORE SIGNS

GENERAL NOTES

1. Hot dip galvanize after fabrication. Standard 2" welded steel pipe conform to the ASTM 'Specifications for Welded Steel Pipe' A120 and A123 for galvanizing.
2. All pipe shall be capped as approved by engineer when street name signs are not required.
3. These pipe supports are not breakaway and are to be used only in urban areas behind a vertical curb.

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Portland, Oregon 97204
503-542-3660

**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

SIGN DETAILS



SHEET
NO.

LB02

SIGN & POST DATA TABLE

95% PLANS
SUBJECT TO CHANGE

SIGN NO.	SIGN LOCATION 4.1 (TM200-TM201, TM635)	SIGN DIMENSIONS		SUB-STRATE	COLOR 1.1				LEGEND	SIGN NO. 2.1	TYPE OF SUPPORT																		POST		FOOTING		REMARKS	SUBJECT TO C	
					BACKGROUND	LEGEND					PIPE POST SUPPORT (TM670-TM671, TM676) SQ. TUBE SIGN SUPPORT (TM671, TM676, TM681, TM687-TM689) TRIANGULAR BASE BREAKAWAY (TM602) H - FRAME MULTI-POST BREAKAWAY (TM220, TM600-TM601) STAINLESS STEEL CLAMP (SSC) (TM677) SIGNAL POLE MOUNT (TM680) MAST ARM SIGN MOUNT (TM679) BRIDGE STRUCTURE MOUNT (TM677) CANTILEVER / BUTTERFLY (TM622-TM627) SIGN BRIDGE (TM606-TM612, TM614-TM620) EXIT NUMBER SIGN MOUNT (TM220, TM225) ROUTE MARKER FRAME (TM678) MILEPOST MARKER POST (TM221-TM222) CROSSWALK CLOSURE BARRICADE (TM490) VERTICAL SIGN MOUNTS ON EXISTING STRUCTURES CUSTOM VARIABLE SUPPORT C 4X5.4 C 4X7.25	SIZE	LENGTH	LOCATION 3.1	MIN. DEPTH 5.1																				
		WIDTH	HEIGHT			PLYWOOD SHEET ALUMINUM EXTRUDED ALUM. (TM675) ASTM TYPE III OR TYPE IV EXISTING PIPE POST ASTM TYPE III OR TYPE IV ASTM TYPE IX NON-REFLECTIVE PERMANENT REMOVABLE (TM230 - TM233)	PIPE POST SUPPORT (TM670-TM671, TM676) SQ. TUBE SIGN SUPPORT (TM671, TM676, TM681, TM687-TM689) TRIANGULAR BASE BREAKAWAY (TM602) H - FRAME MULTI-POST BREAKAWAY (TM220, TM600-TM601) STAINLESS STEEL CLAMP (SSC) (TM677) SIGNAL POLE MOUNT (TM680) MAST ARM SIGN MOUNT (TM679) BRIDGE STRUCTURE MOUNT (TM677) CANTILEVER / BUTTERFLY (TM622-TM627) SIGN BRIDGE (TM606-TM612, TM614-TM620) EXIT NUMBER SIGN MOUNT (TM220, TM225) ROUTE MARKER FRAME (TM678) MILEPOST MARKER POST (TM221-TM222) CROSSWALK CLOSURE BARRICADE (TM490) VERTICAL SIGN MOUNTS ON EXISTING STRUCTURES CUSTOM VARIABLE SUPPORT C 4X5.4 C 4X7.25	SIZE								LENGTH	LOCATION 3.1	MIN. DEPTH 5.1																	
1	"1ST" 3+29 LT	EXIST	9	X		X			X	1																								MOUNT ABOVE SIGN 10	
	"1ST" 6+49 RT	EXIST	9	X					X	1	X																							MOUNT ABOVE SIGN 3	
	"1ST" 10+15 RT	EXIST	9	X					X	1	X																							MOUNT ABOVE SIGN 5	
	"1ST" 14+10 RT	EXIST	9	X					X	1	X																							MOUNT ABOVE SIGN 4	
	"1ST" 3+29 LT	EXIST	9	X					X	1	X																							MOUNT ABOVE SIGN 6	
2	"1ST" 3+29 LT	EXIST	9						X	2	X																							MOUNT ABOVE SIGN 11	
3	"1ST" 6+49 RT	EXIST	9						X	3	X																							MOUNT ABOVE SIGN 11	
4	"1ST" 14+10 RT	EXIST	9						X	4	X																							MOUNT ABOVE SIGN 11	
5	"1ST" 10+15 RT	EXIST	9						X	5	X																							MOUNT ABOVE SIGN 11	
6	"1ST" 17+63 RT	EXIST	9						X	6	X																							MOUNT ABOVE SIGN 11, SAME SUPPORT AS NO. 11	
7	"W" 39+53 RT	24	30		X		X		X	7	X																								
	"W" 39+51 RT	24	30		X		X		X	7	X																								
	"W" 38+79 LT	24	30		X		X		X	7	X																								
9	"1ST" 13+40 RT	30	30			X				9	X																								
10	"1ST" 3+29 LT	36	12	X	X		X		X	10																									
	"1ST" 10+01 LT	36	12	X	X		X		X	10																									MOUNT SIGN ON FENCE
	"1ST" 12+27 LT	36	12	X	X		X		X	10																									MOUNT SIGN ON FENCE
	"1ST" 13+98 LT	36	12	X	X		X		X	10	X																								
	"1ST" 14+10 RT	36	12	X	X		X		X	10																									MOUNT BELOW SIGN 11
	"1ST" 15+03 LT	36	12	X	X		X		X	10																									MOUNT SIGN ON FENCE
	"1ST" 17+50 LT	36	12	X	X		X		X	10																									MOUNT SIGN ON FENCE
11	"1ST" 3+48 LT	30	30	X	X		X		X	11	X																								ROTATE SIGN TOWARD BIKE LANE
	"1ST" 6+49 RT	30	30	X	X		X		X	11	X																								
	"1ST" 10+15 RT	30	30	X	X		X		X	11	X																								
	"1ST" 14+10 RT	30	30	X	X		X		X	11	X																								
	"1ST" 17+63 RT	30	30	X	X		X		X	11	X																								

1_1 BK=BLACK
BL=BLUE
BR=BROWN
FY=FLUORESCENT YELLOW
G=GREEN
O=ORANGE
R=RED
RB=RED-BLUE
SW=SILVER-WHITE
W=WHITE
Y=YELLOW
YG=YELLOW-GREEN

2_1 NOTE: L,C,R ARE LOCATIONS OF POSTS FACING THE SIGN.
L=LEFT POST
C=CENTER POST
R=RIGHT POST
3_1 DISTANCE FROM EDGE OF TRAVEL LANE, FACE OF CURB, GUARDRAIL, OR BARRIER TO THE CENTERLINE OF FOOTING. FOR ADDITIONAL INFORMATION SEE STANDARD DRAWINGS TM601, TM602 AND TM635.

4_1 NOTE: THE LOCATIONS SHOWN ARE APPROXIMATE EXCEPT FOR SPEED ZONES, SCHOOL ZONES, OBJECT MARKERS AND MILEPOST MARKERS. EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.
5_1 MINIMUM DEPTH OF FOOTING FOR TRIANGULAR BASE BREAKAWAY AND MULTI-POST BREAKAWAY INSTALLATIONS IS FOR A 2' DIAMETER FOOTING. FOR ADDITIONAL INFORMATION SEE STANDARD DRAWINGS TM601 AND TM602.

FOR INFORMATION ONLY

kpff
Consulting Engineers

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Portland, Oregon 97204
503-542-3660

THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - F.M. / S.L. / T.K. / P.S.
Drafted By - R.C.

SIGN & POST DATA TABLE



SHEET NO.

LC01

95% PLANS
SUBJECT TO CHANGE

[illegible]

2_1 NOTE: L,C,R ARE LOCATIONS
OF POSTS FACING THE SIGN.

L=LEFT POST
C=CENTER POST
R=RIGHT POST

3_1 DISTANCE FROM EDGE OF TRAVEL LANE,
FACE OF CURB, GUARDRAIL, OR BARRIER
TO THE CENTERLINE OF FOOTING. FOR
ADDITIONAL INFORMATION SEE STANDARD
DRAWINGS TM601, TM602 AND TM635.

5.1 MINIMUM DEPTH OF FOOTING FOR TRIANGULAR BASE BREAKAWAY AND MULTI-POST BREAKAWAY INSTALLATIONS IS FOR A 2' DIAMETER FOOTING. FOR ADDITIONAL INFORMATION SEE STANDARD DRAWINGS TM601 AND TM602.

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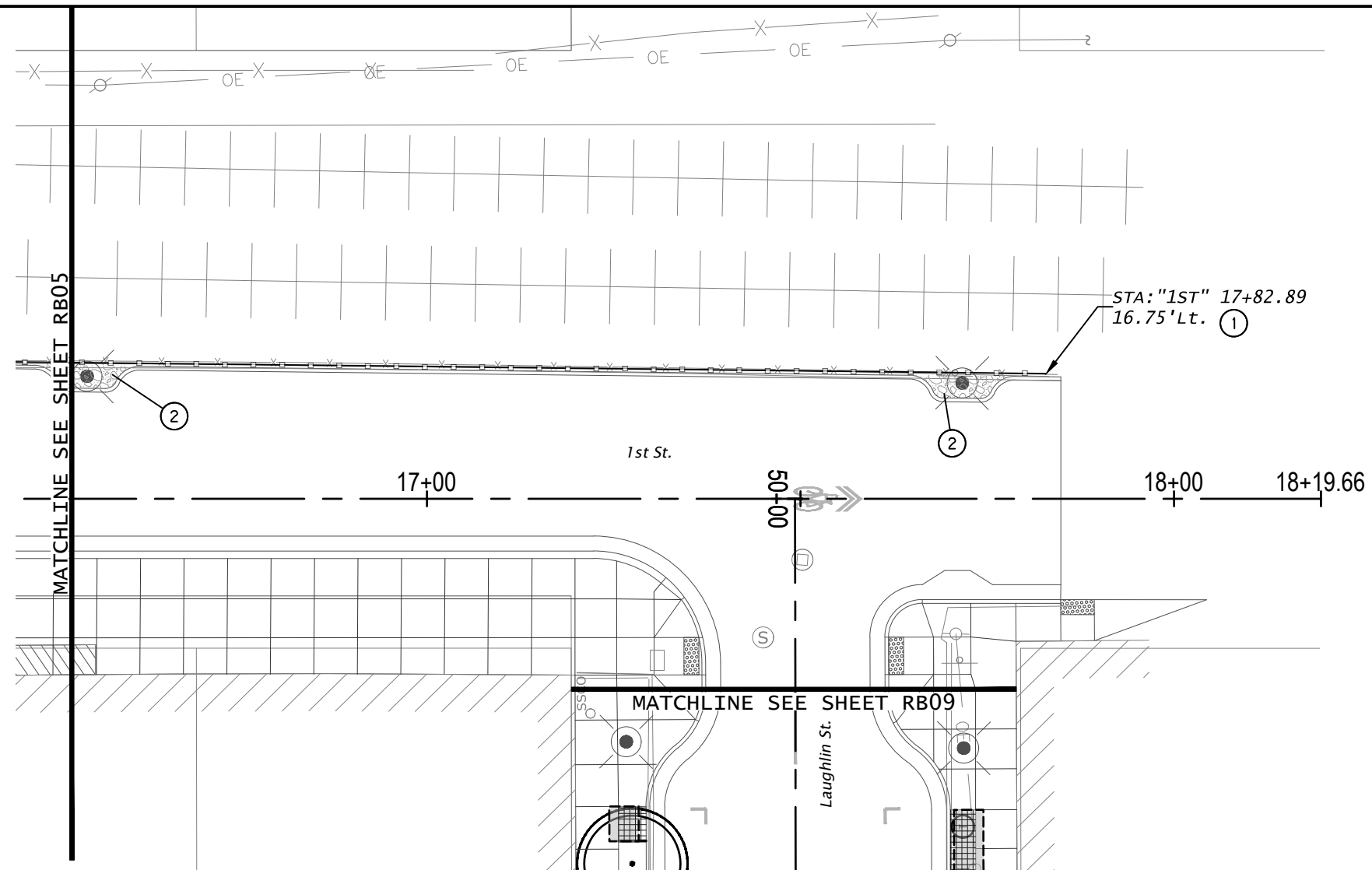
**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

SIGN & POST DATA TABLE



SHEET
NO.

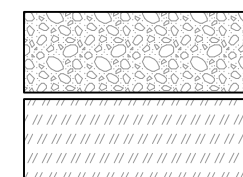
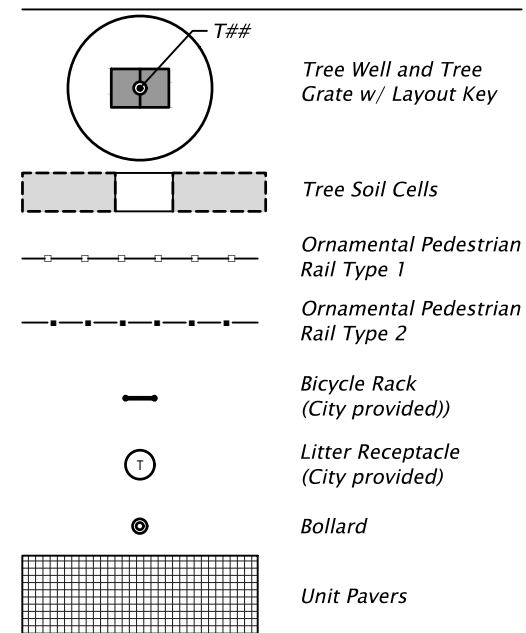
LC02



CONSTRUCTION NOTES

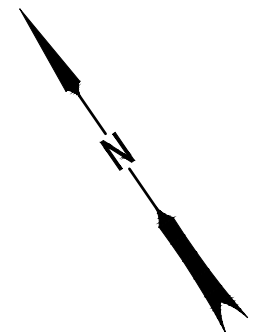
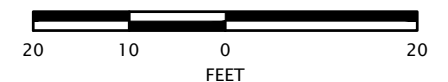
- ① *Const. ornamental pedestrian rail type 1*
(For details, see sht. RD03)
- ② *Install ballast mulch*
(For details, see sht. RD05)

LEGEND



Ballast Mulch

Cinder Mulch



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INFORMATION
ONLY

**GREEN
WORKS**

LANDSCAPE ARCHITECTURE • ENVIRONMENTAL DESIGN

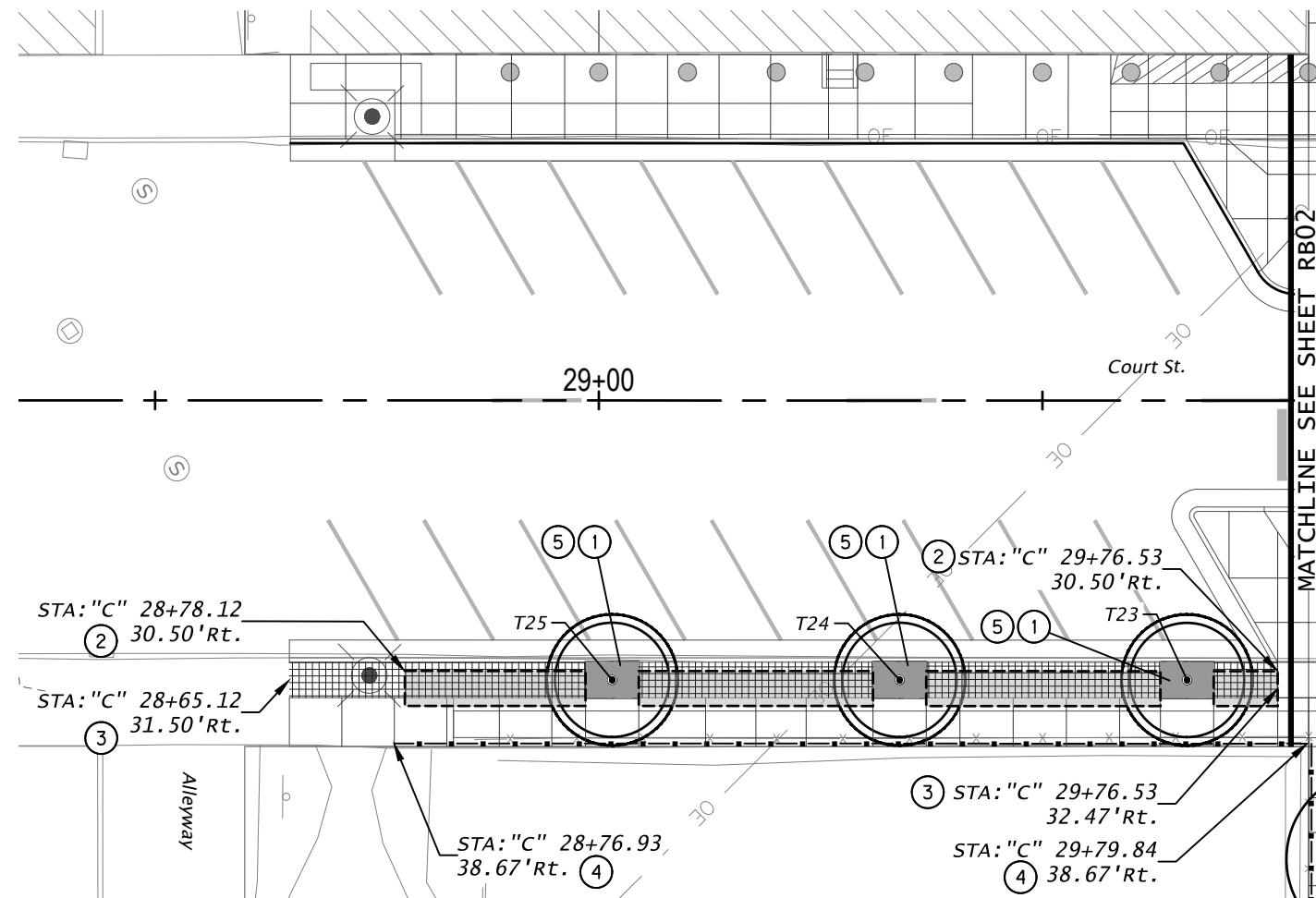
110 SE Main St., Suite 100, Portland, OR 97214
Ph: 503.222.9612
Email: info@greenworkspc.com

**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - W.S.
Drafted By - W.S. / C.W.

STREETSCAPE SITE PLAN

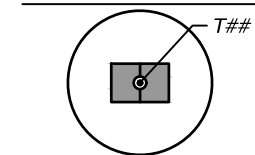
SHEET
NO.
306



CONSTRUCTION NOTES

- ① *Const. tree well and tree grate*
(For details, see shts. RD01 and RD02)
(For layout table, see sht. RA01)
- ② *Const. tree soil cells*
(For details, see sht. RD01)
- ③ *Const. unit pavers*
(For details, see sht. RD04)
- ④ *Const. ornamental pedestrian rail type 2*
(For details, see sht. RD03)
- ⑤ *Plant deciduous tree at tree grate*
(For details, see sht. RD05)

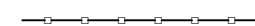
LEGEND



*Tree Well and Tree
Grate w/ Layout Key*



Tree Soil Cells



*Ornamental Pedestrian
Rail Type 1*

Ornamental Pedestrian Rail Type 2



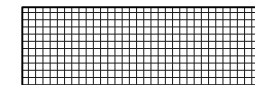
*Bicycle Rack
(City provided))*



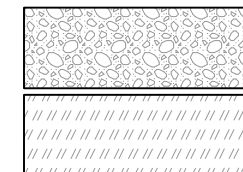
*Litter Receptacle
(City provided)*



Bollard



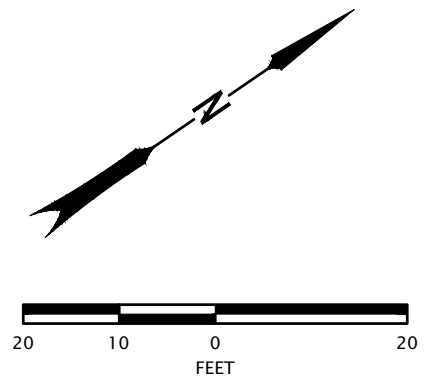
Unit Pavers



Ballast Mulch



Cinder Mulch



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WORKS.**

LANDSCAPE ARCHITECTURE • ENVIRONMENTAL DESIGN

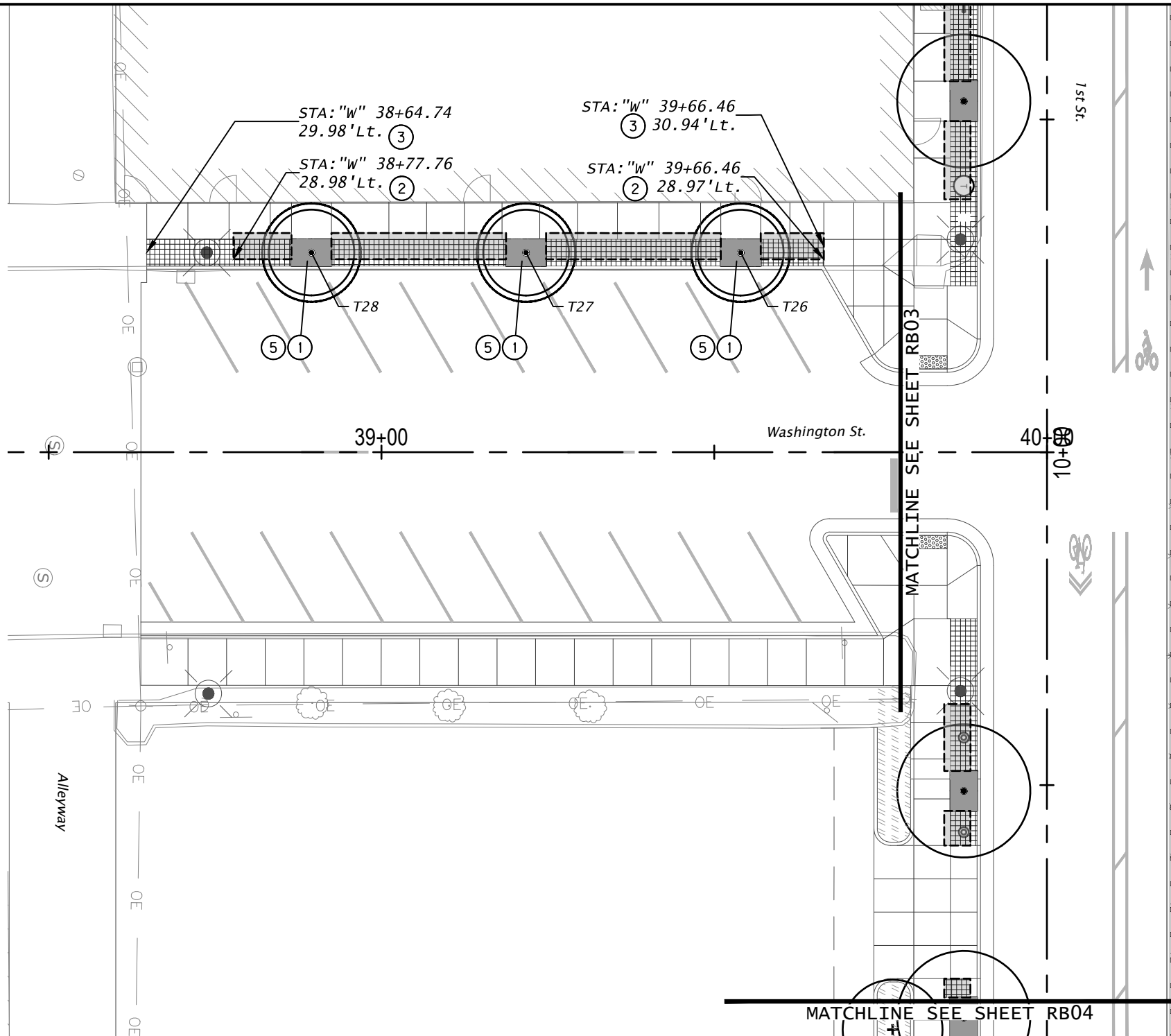
110 SE Main St., Suite 100, Portland, OR 97214
Ph: 503.222.5612
Email: info@greenworkspc.com

**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - W.S.
Drafted By - W.S. / C.W.

STREETSCAPE SITE PLAN

SHEET
NO.
307

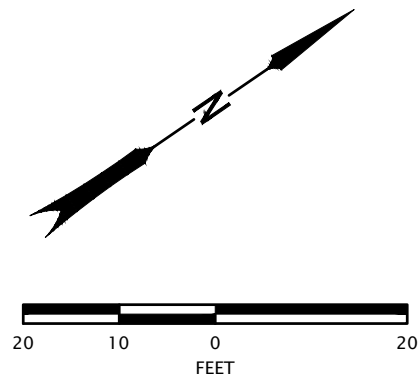


CONSTRUCTION NOTES

- 1 Const. tree well and tree grate
(For details, see shts. RD01 and RD02)
(For layout table, see sht. RA01)
- 2 Const. tree soil cells
(For details, see sht. RD01)
- 3 Const. unit pavers
(For details, see sht. RD04)
- 4 Const. ornamental pedestrian rail type 2
(For details, see sht. RD03)
- 5 Plant deciduous tree at tree grate
(For details, see sht. RD05)

LEGEND

- T## Tree Well and Tree Grate w/ Layout Key
- Tree Soil Cells
- Ornamental Pedestrian Rail Type 1
- Ornamental Pedestrian Rail Type 2
- Bicycle Rack
(City provided))
- Litter Receptacle
(City provided)
- Bollard
- Unit Pavers
- Concrete Score Joints
- Ballast Mulch



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LANDSCAPE ARCHITECTURE • ENVIRONMENTAL DESIGN
110 SE Main St., Suite 100, Portland, OR 97214
PH: 503.222.9612
Email: info@greenworkspc.com

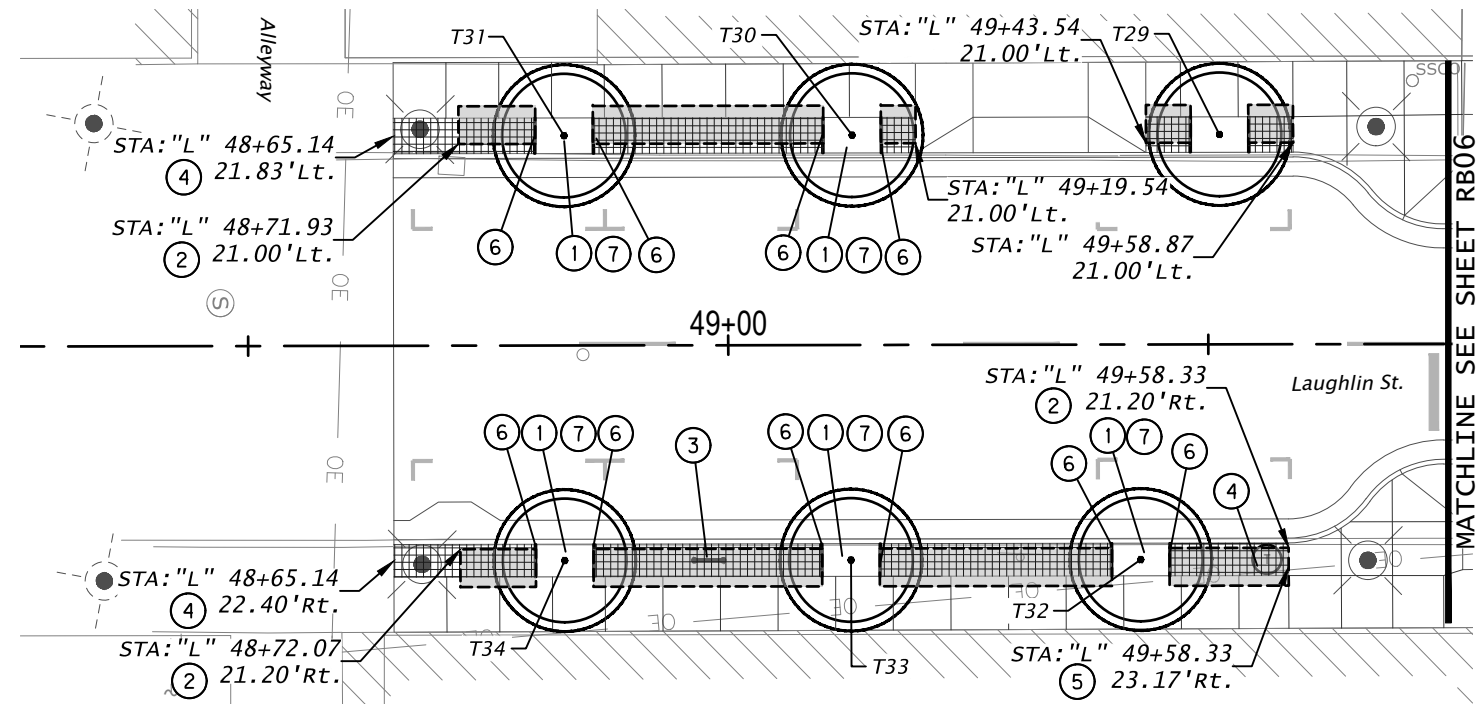
THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - W.S.
Drafted By - W.S. / C.W.

STREETSCAPE SITE PLAN



SHEET
NO.
RB08



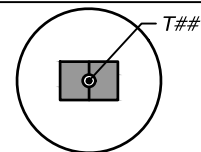
CONSTRUCTION NOTES

- ① *Const. tree well
(For details, see shts. RD01 and RD02)
(For layout table, see sht. RA01)*
- ② *Const. tree soil cells
(For details, see sht. RD01)*

Sta. "L" 48+97.93, 22.40' Rt.
- ③ *Const. Agency furnished, Contractor installed
bicycle rack
(For details, see sht. RD04)*

Sta. "L" 49+56.08, 22.40' Rt.
- ④ *Const. Agency furnished, Contractor installed
litter receptacle
(For details, see sht. RD04)*
- ⑤ *Const. unit pavers
(For details, see sht. RD04)*
- ⑥ *Const. paver edge restraint
(For details, see sht. RD04)*
- ⑦ *Plant deciduous tree
(For details, see sht. RD05)*

LEGEND



Tree Well and Tree
Grate w/ Layout Key



Tree Soil Cells



*Ornamental Pedestrian
Rail Type 1*

Ornamental Pedestrian
Rail Type 2

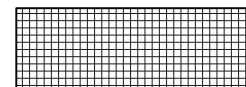
*Bicycle Rack
(City provided))*



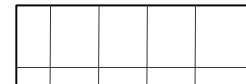
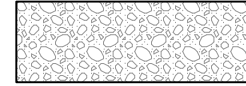
*Litter Receptacle
(City provided)*



Bollard



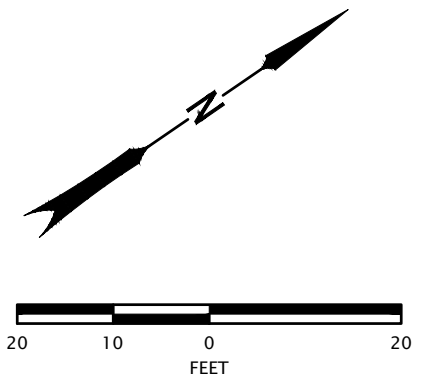
Unit Pavers

Concrete Score
Joints

Ballast Mulch



Cinder Mulch



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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**

THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - W.S.
Drafted By - W.S. / C.W.

STREETSCAPE SITE PLAN

SHEET
NO.
309

DRIPLINE SCHEDULE					
Symbol	Description	Manufacturer / Model	Qty	Emitter Spacing	GPH
	Dripline – Tree Rings	Hunter HDL-09-12-CV	XXX ft.	12" OC	0.90
	Dripline – subsurface soil condition	Hunter HDL-04-12-CV	XXX sq. ft.	12" OC	0.40

EQUIPMENT SCHEDULE			
Symbol	Description	Manufacturer / Model	REMARKS
POC-1	Point of connection	Miscellaneous equipment (water meter, isolation valve(s), master valve, and flow sensor)	See civil plans for x" water meter. Connect downstream end of meter with x" pvc mainline from water meter to first isolation valve, master valve and flow sensor with reducing fittings as needed.
	Drip zone control kit	Hunter ICV-101-40-LF 1"	
	Quick coupler	Rain Bird 44 LRC	
C1	Controller	Hunter ACC2	Coordinate final installed location on concrete pedestal.
	Manual drain valve	Miscellaneous	Angle valve style or approved equal.
	Isolation valve	Miscellaneous	
	Flush valve	Miscellaneous	
	Air vacuum relief valve	Miscellaneous	

PIPE SCHEDULE			
Symbol	Description	Type	Remarks
	Main Line	Sch 40 PVC pipe	
	Lateral Line	Class 200 PVC pipe	
	Lateral Line – Drip Connection		
	Sleeve	Sch 40 PVC pipe	Minimum size 2x total dia. going through pipe

IRRIGATION NOTES

- call utilities to locate existing utility services prior to excavation.
- system operation and design is based on xx pounds of pressure and yy gallons at the shutoff valve. verify the design pressure and volume prior to installation and notify owner's representative if there is a discrepancy.
- reference planting plan(s) prior to installation of valves. locate valves in planting beds wherever possible. adjust valve locations to eliminate conflict with proposed plantings and planting patterns.
- stake proposed valve locations and obtain approval by the owner's representative prior to installation of new irrigation system.
- verify the dimensions and layout of all new planting and lawn areas on site before initiating work and immediately notify owner's representative of any deviations from drawings.
- stake proposed tree locations and obtain approval by owner's representative prior to installation of new irrigation system.
- install quick coupling valves a minimum of 200' along mainline and as shown on the drawings.
- install the irrigation controller(s) at the location(s) shown on the drawings, on the specified pedestal per the manufacturer's recommendations. verify the location with the owner's representative prior to installation. extend the control wire conduit from controller and daylight six inches into planting bed for installation of remote control valve wires.
- locate backflow prevention devices a minimum of 5' away from curbs or paving wherever possible.
- mainlines and lateral lines may be drawn diagrammatically for clarity. mainlines and lateral lines shown in paved areas shall be placed in adjacent planting beds unless specifically indicated as passing under paving in sleeving. obtain owner's representative's approval prior to making changes in routing of pipe location of valves.
- coordinate and provide an appropriate power supply to the irrigation controller location.

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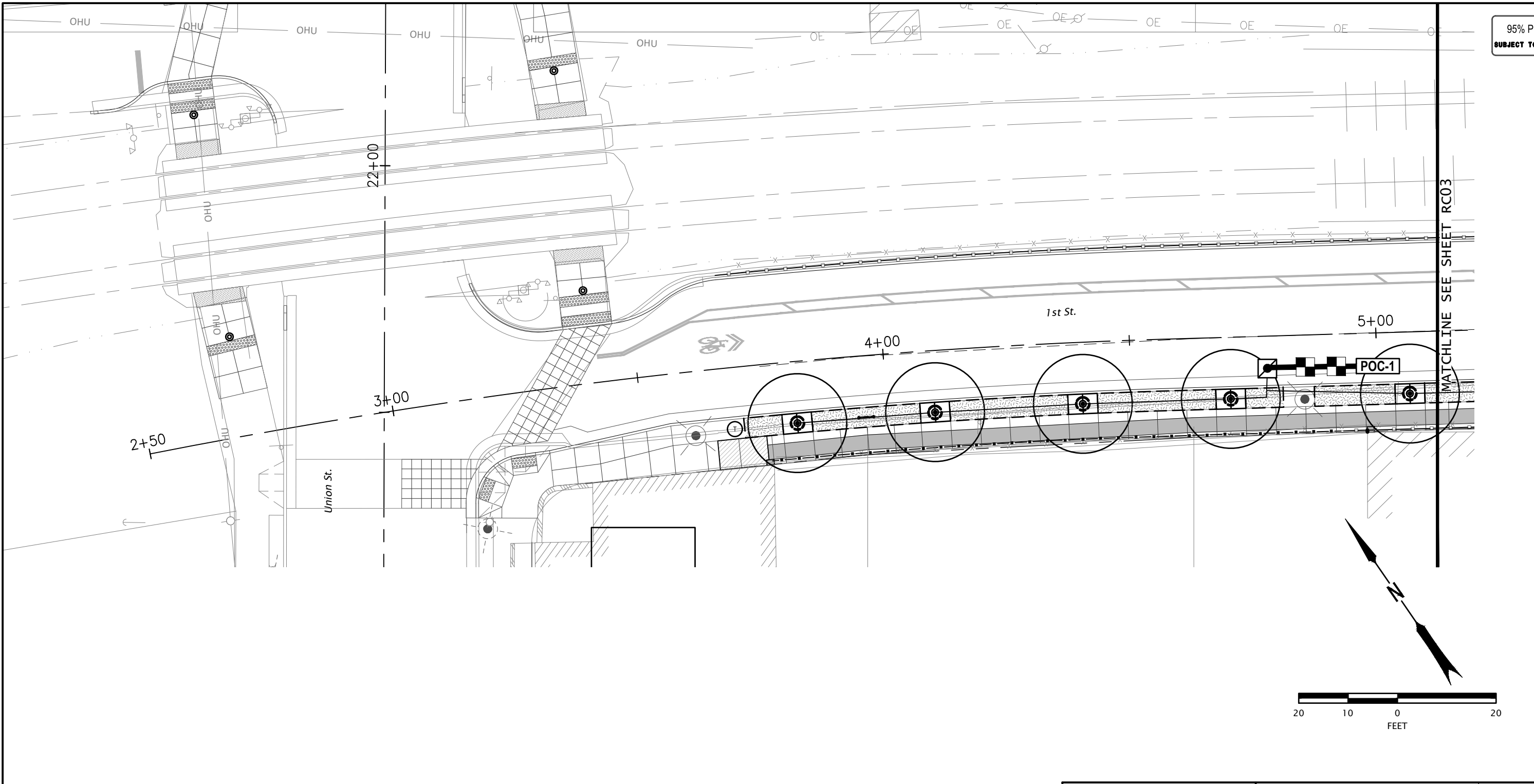
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UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - W.S.
Drafted By - W.S. / C.W.

**IRRIGATION SCHEDULE AND
NOTES**



SHEET
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RC01



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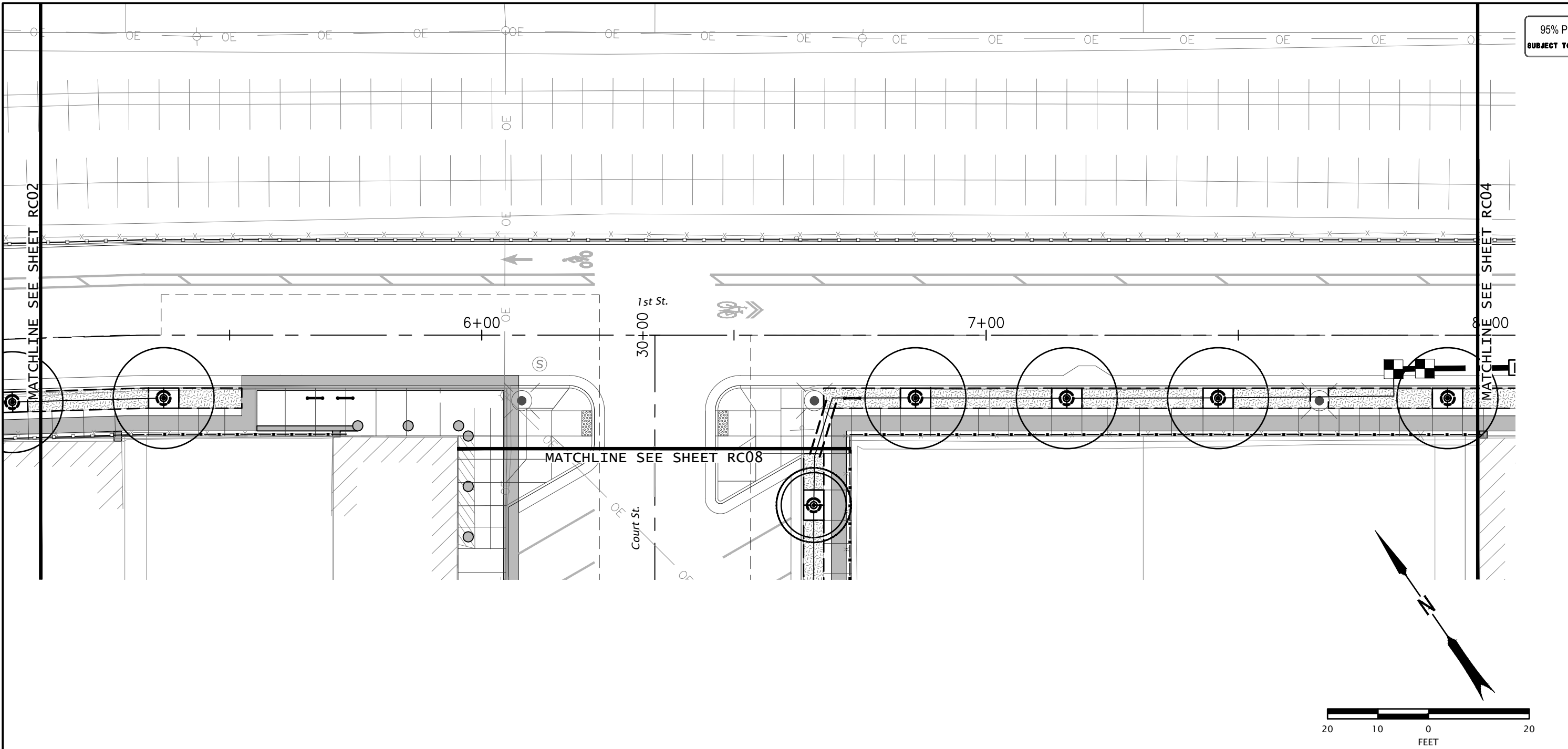
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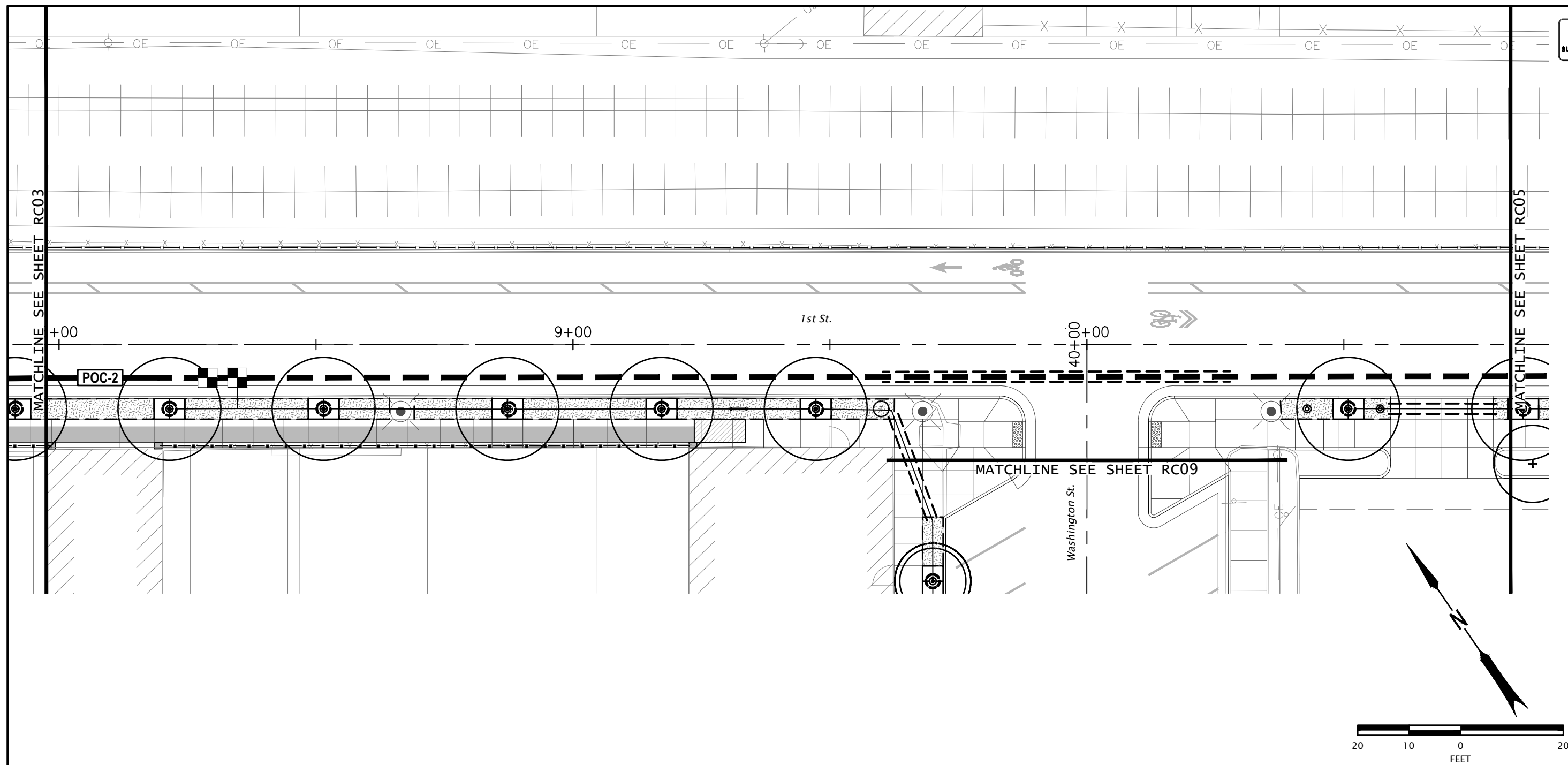
UR

IRRIGATION PLAN

SHEET
NO.
RC02



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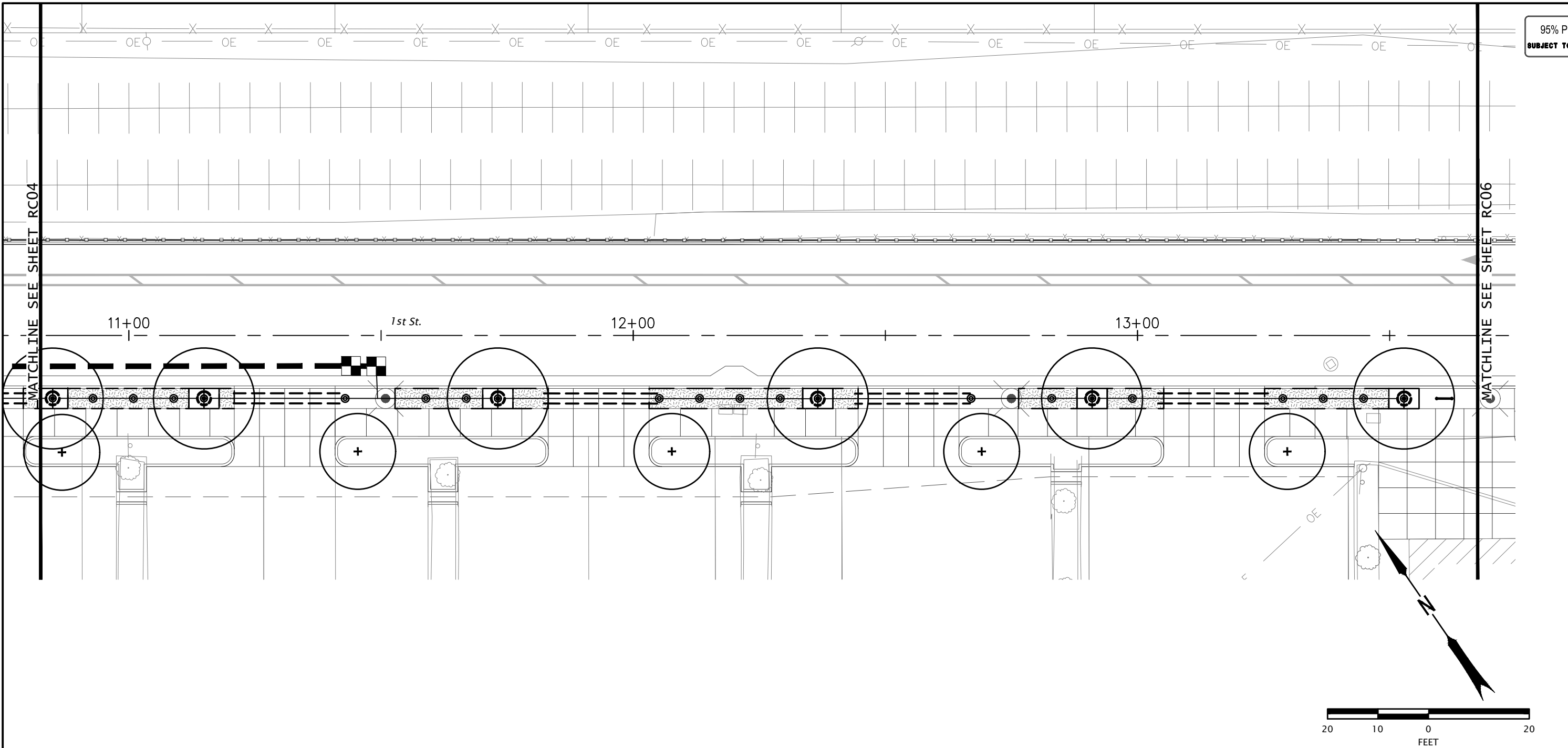
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Drafted By - W.S. / C.W.

IRRIGATION PLAN

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C04



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WASCO COUNTY

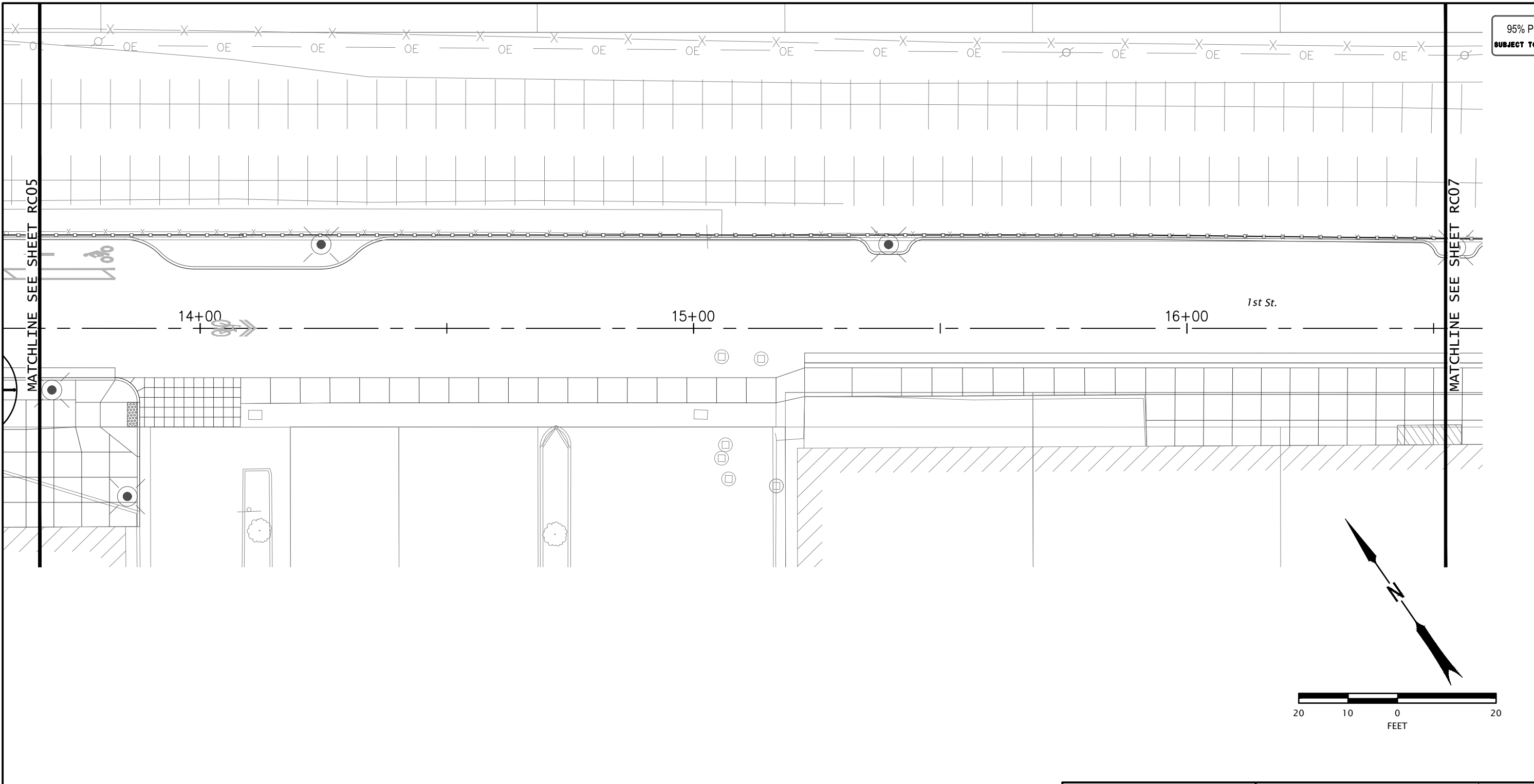
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IRRIGATION PLAN



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NO.

RC05



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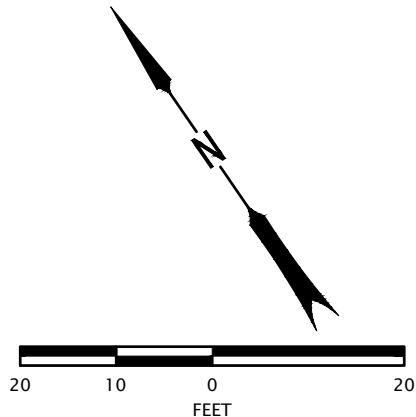
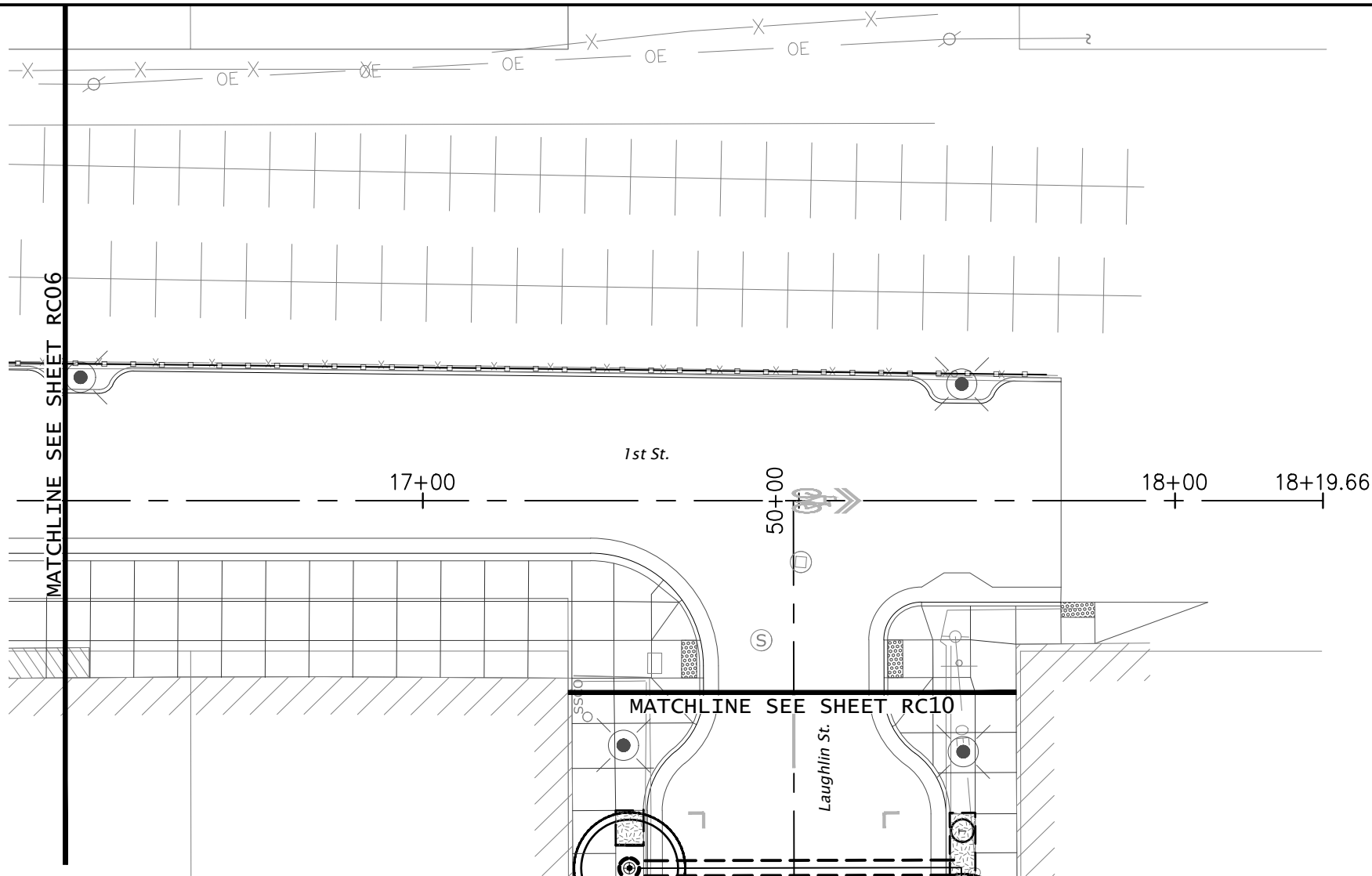
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IRRIGATION PLAN



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RC06



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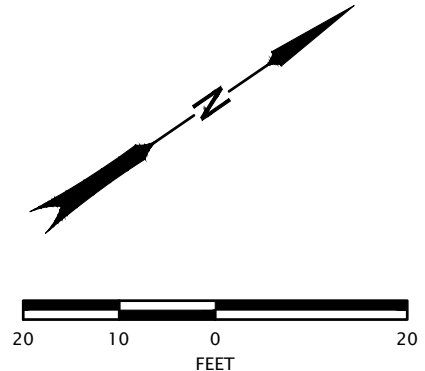
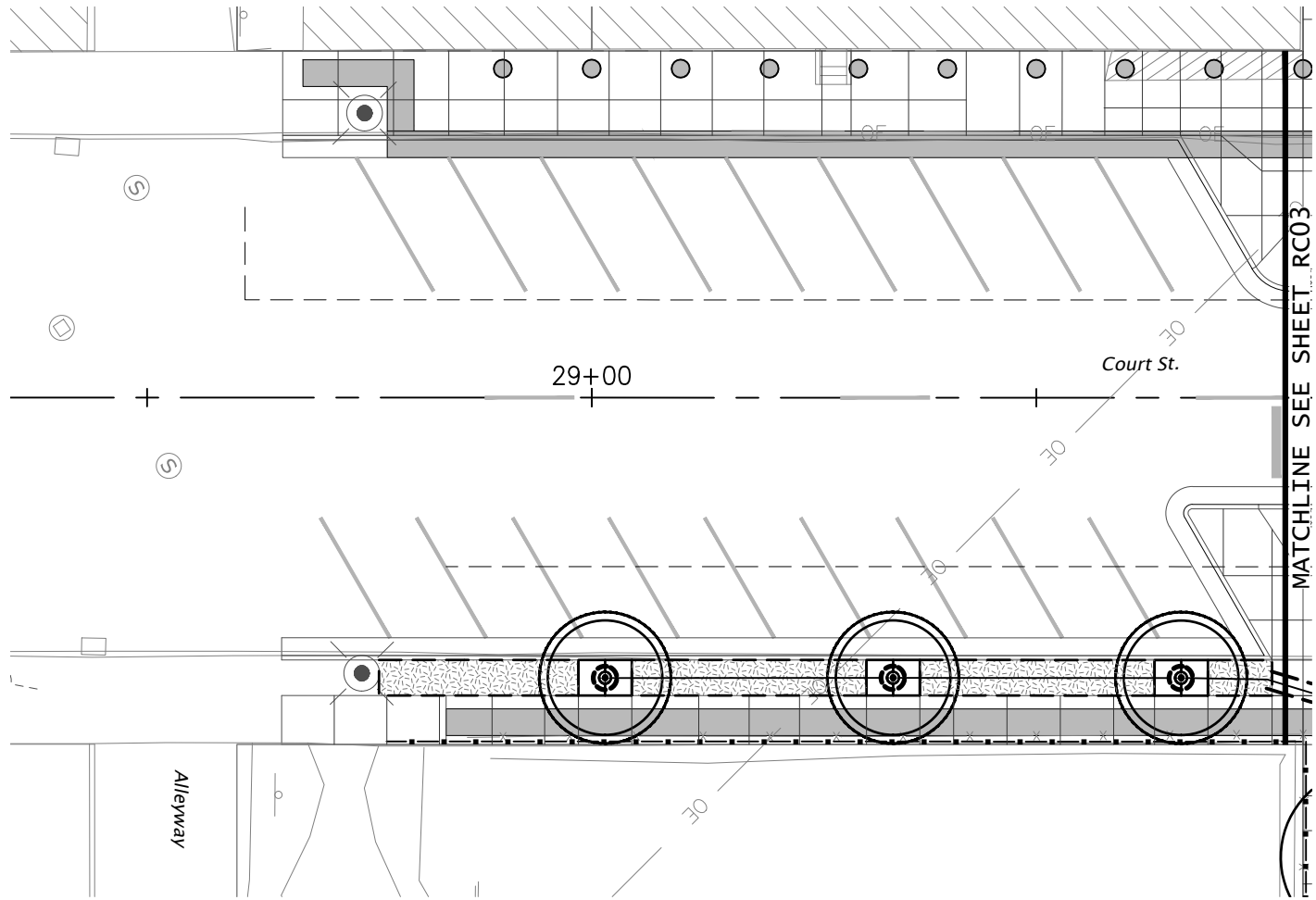
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IRRIGATION PLAN



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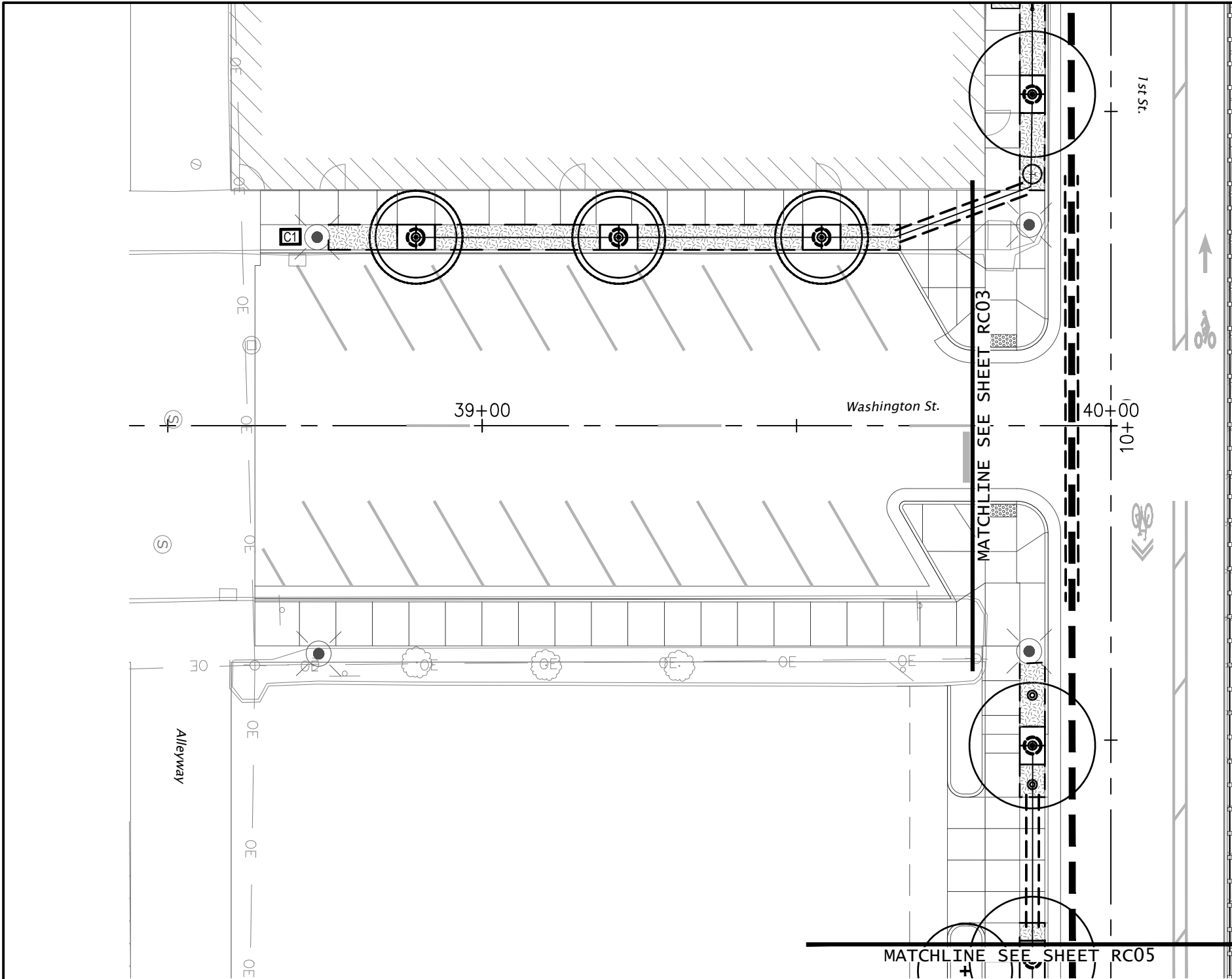
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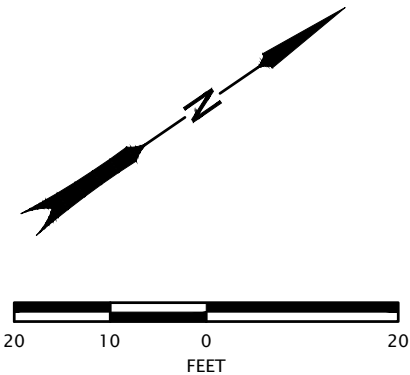
IRRIGATION PLAN



SHEET
NO.
RC08



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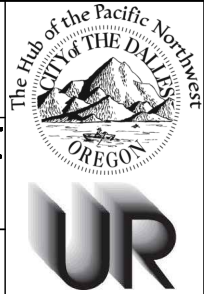
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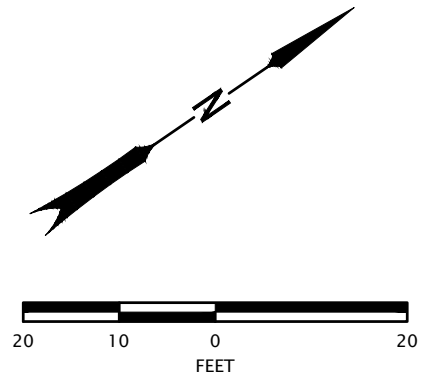
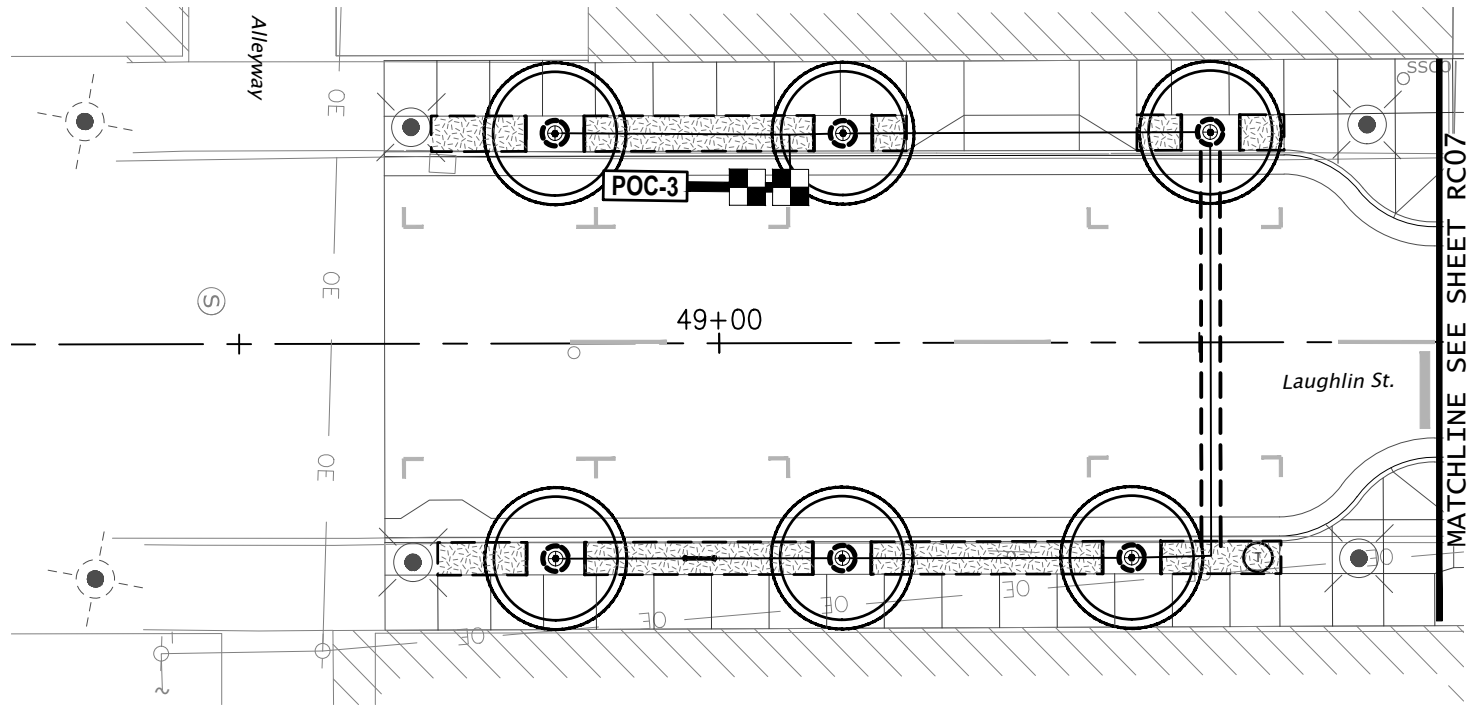
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IRRIGATION PLAN



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RC09



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IRRIGATION PLAN



SHEET
NO.
RC10

Tree well dimensions below give basis for installing the tree soil cells system and tree grate components. Metal tree grate and appurtenances is nominally 4' x 6'.



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STREETSCAPE SITE DETAILS

SHEET
NO.
RDO1

1. *Provide custom panel sizes where indicated and as necessary to accommodate field conditions.*
2. *Provide post to base plate connection according to detail on this sheet at locations indicated (sidewalk side).*

ELEVATION "A"

Technical drawing of Ornamental Pedestrian Rail Type 2, showing Elevation "A" and Elevation "B".

ELEVATION "A" (Main View):

- Overall height: 4'-0"
- Overall width: 8'-0" OC nom.
- End post: 3/4" X 18 ga. square picket - typ.
- Intermediate post: 2 1/2" X 16 ga. square post - typ.
- Horizontal rail: 1 1/2" horiz. rail - typ.
- Vertical picket spacing: 5 1/2"
- Universal boulevard bracket - typ.
- Layout center point (see RB series)
- Post to base plate connection enlargement (For detls., see this sht.)

ELEVATION "B" (Side View):

- Horizontal rail: 1 1/2" horiz. rail - typ.
- Post: 2 1/2" X 16 ga. square post - typ.
- Finish gr.
- Layout center point - see RB shts.

Note:
Provide custom panel sizes where indicated and as necessary to accommodate field conditions.

1. All fabrication and welding of custom base plate according to manufacturer.
2. Paint all anchor bolts and washers to match rail.

ELEVATION "A"

1 1/8" typ.

7"

6"

6"

Edge of P.C. Conc. sidewalk (unsupported edge)

Gusset plate - typ.

1/4" base plate

Layout center point (see RB series)

2 1/2" X 14 ga. square post

3/8" dia. x 3 3/4" resin bonded anchor - typ.

SECTION "B"

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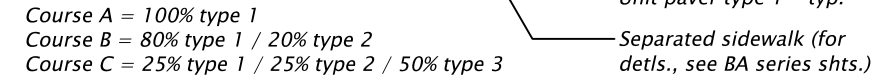
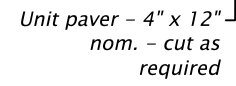
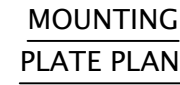
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WASCO COUNTY

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Drafted By - W.S. / C.W.

STREETSCAPE SITE DETAILS

SHEET
NO.
003

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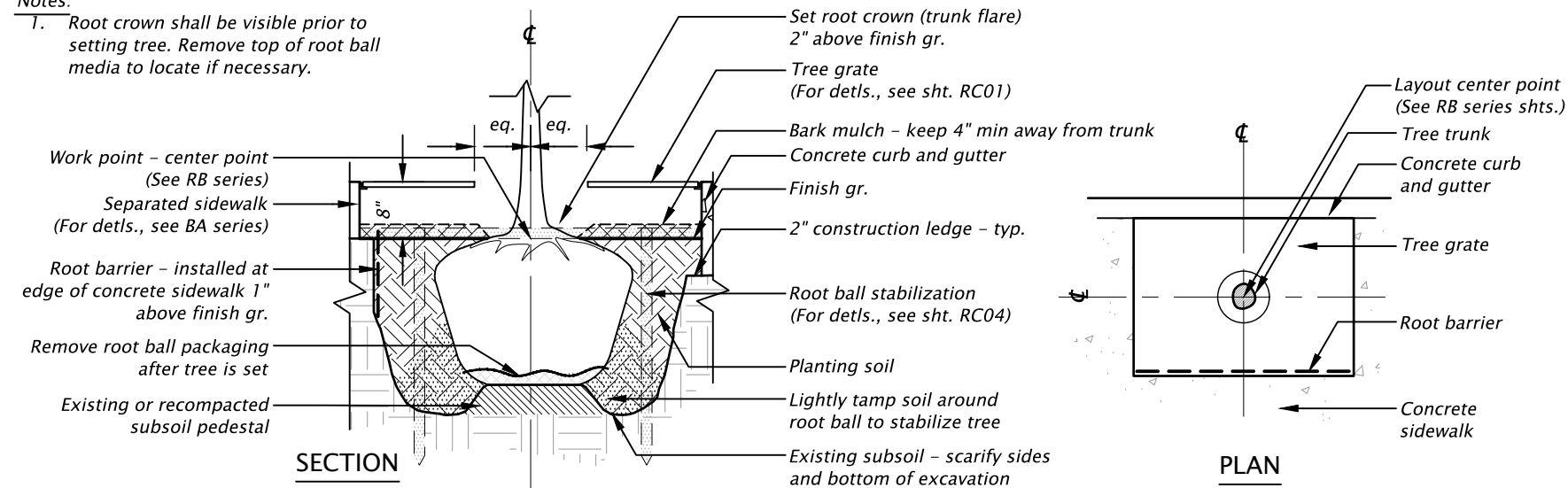


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Design Team Leader - W.S.P.C. Designed By - W.S. Drafted By - W.S. / C.W.		
STREETSCAPE SITE DETAILS		SHEET NO. RD04

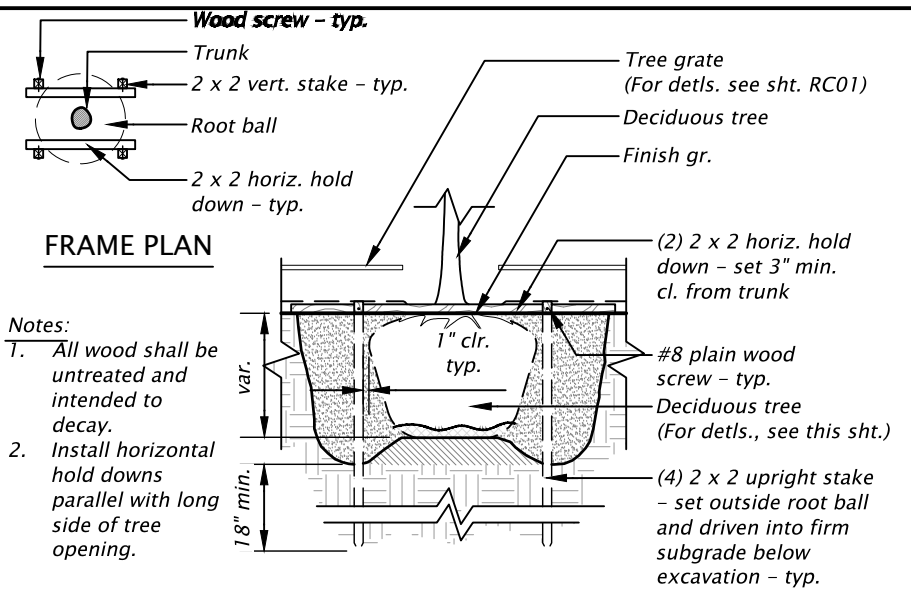
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Notes:

7. Root crown shall be visible prior to setting tree. Remove top of root ball media to locate if necessary.

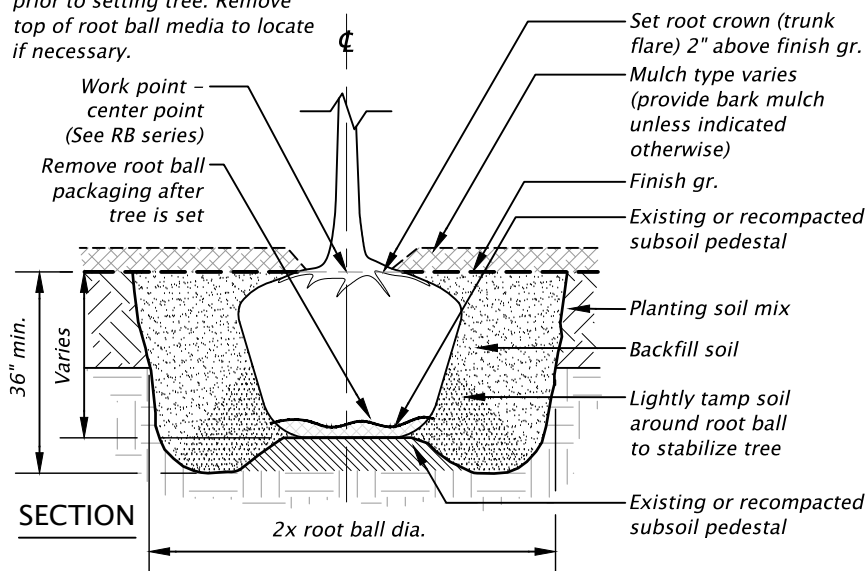


DECIDUOUS TREE AT TREE GRATE

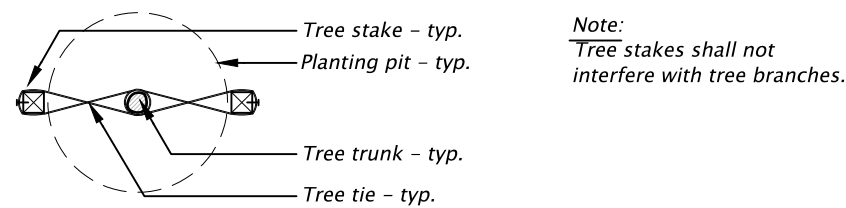


ROOT BALL STABILIZATION

prior to setting tree. Remove top of root ball media to locate if necessary.



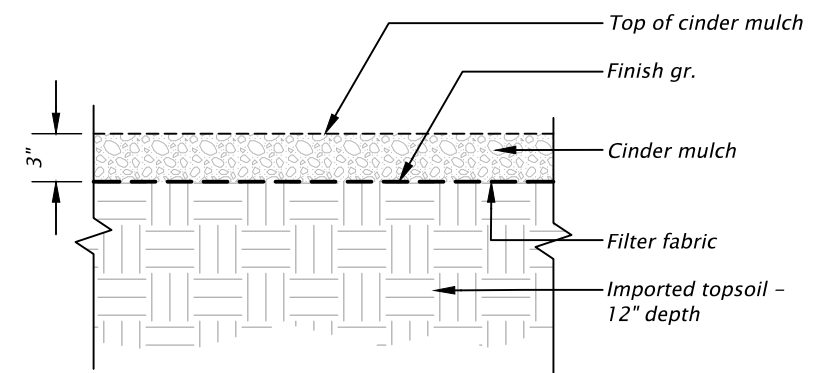
DECIDUOUS TREE PLANTING



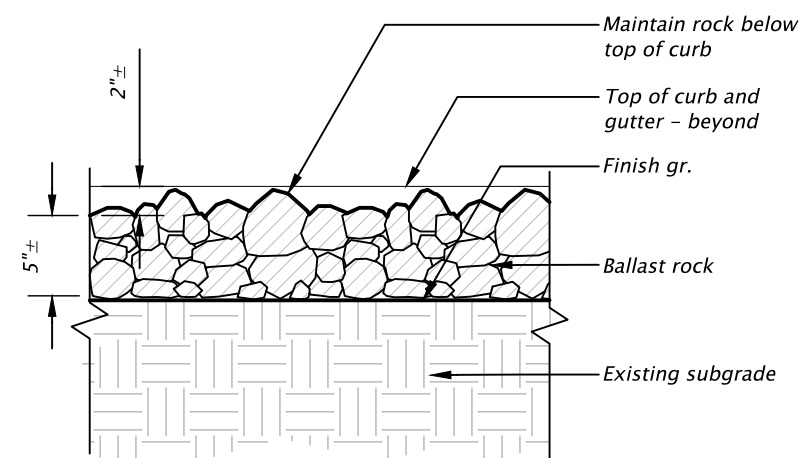
TWO STAKE PLAN

Note:

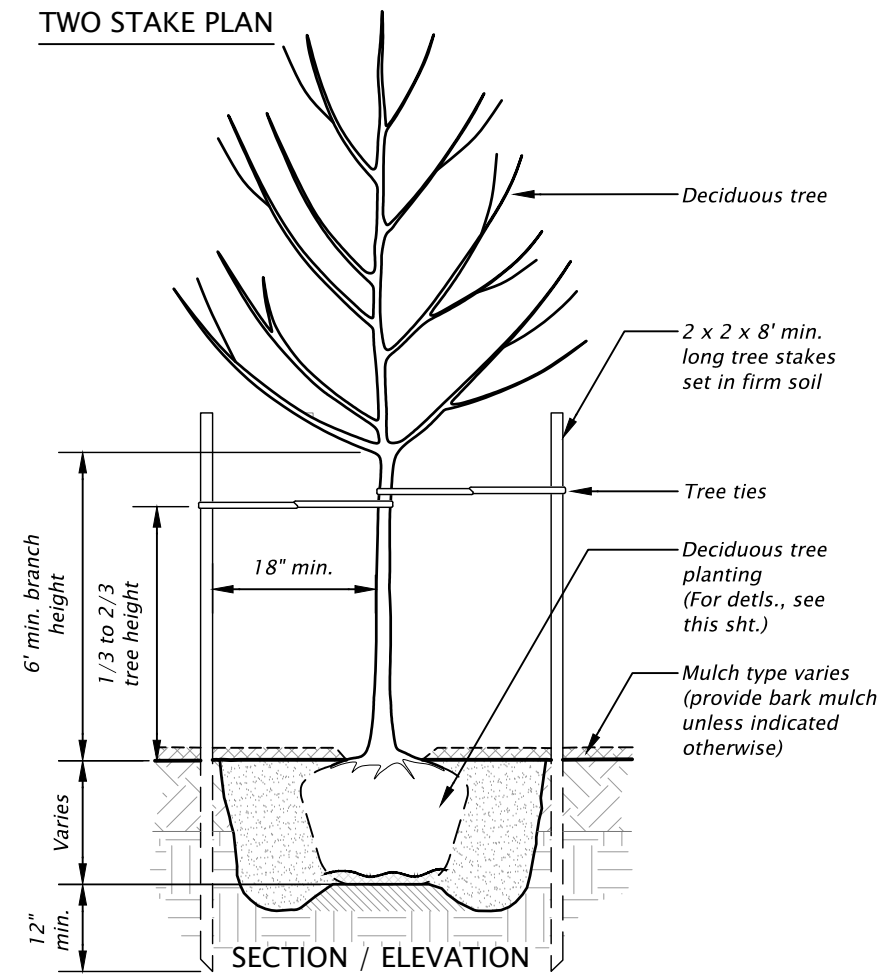
Tree stakes shall not interfere with tree branches.



CINDER MULCH



BALLAST MULCH



DECIDUOUS TREE STAKING

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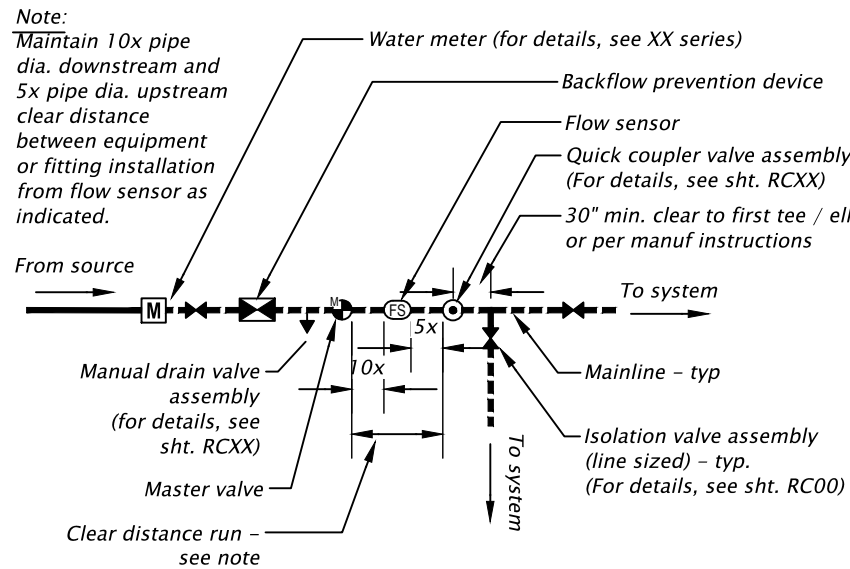
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WASCO COUNTY

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Drafted By - W.S. / C.W.

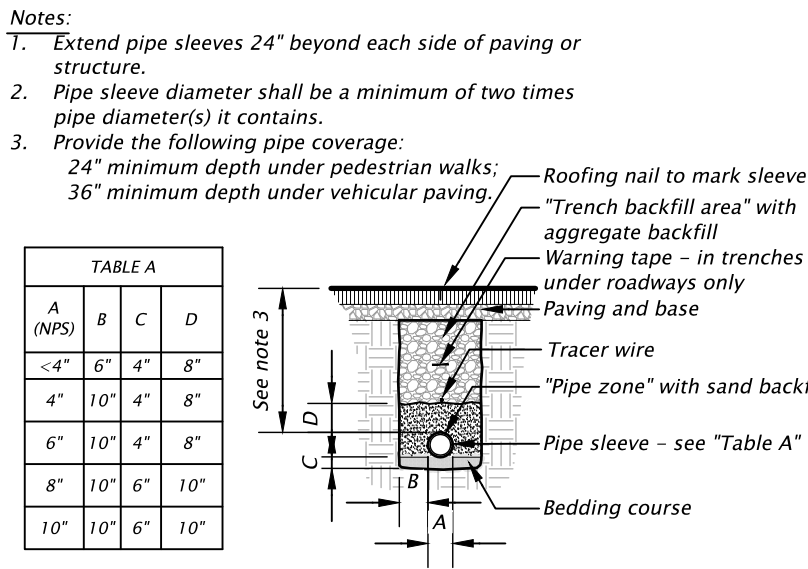
STREETSCAPE SITE DETAILS

SHEET

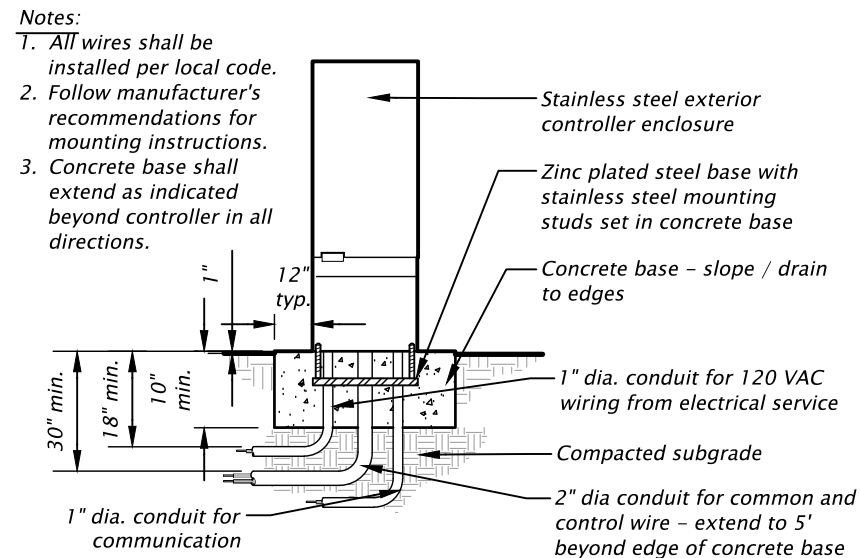
RD05 |



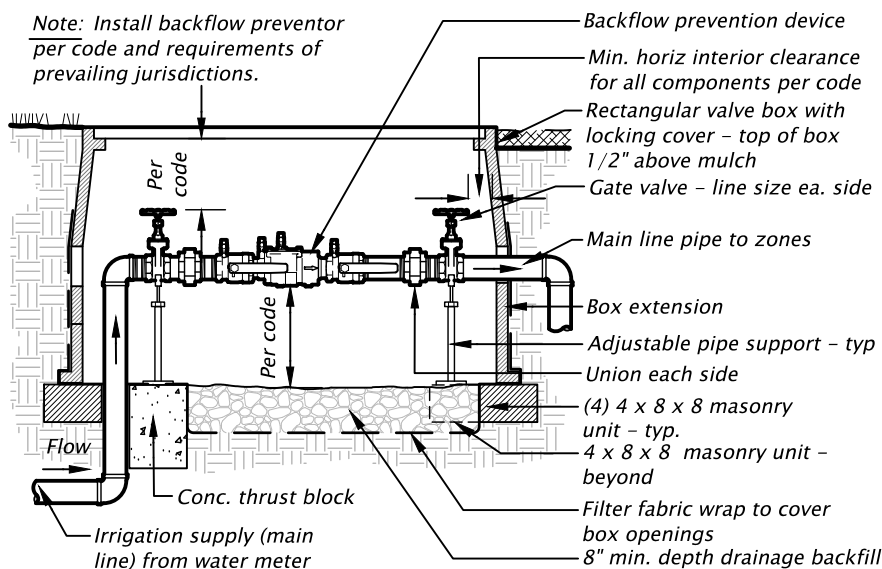
POINT OF CONNECTION DIAGRAM



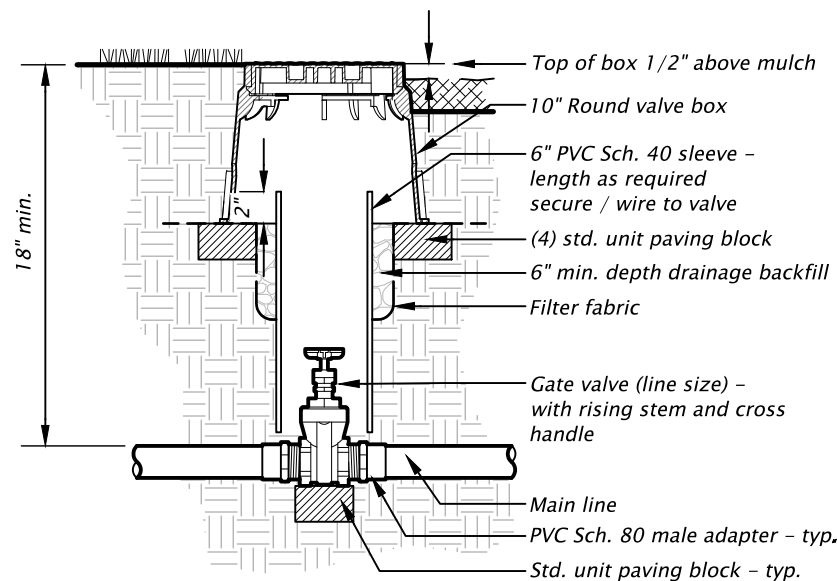
TRENCHING - SLEEVE UNDER PAVEMENT & WALKWAYS



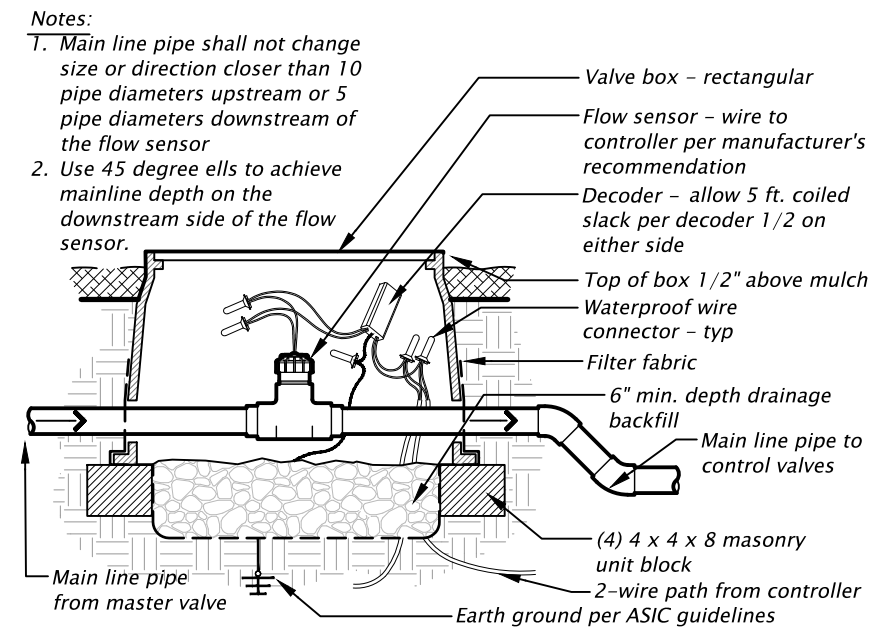
CONTROLLER - PEDESTAL MOUNTED



CROSS-CONTROL - BACKFLOW PREVENTION DEVICE



ISOLATION VALVE ASSEMBLY



DRIP AUTOMATIC CONTROL VALVE ASSEMBLY - DECODER

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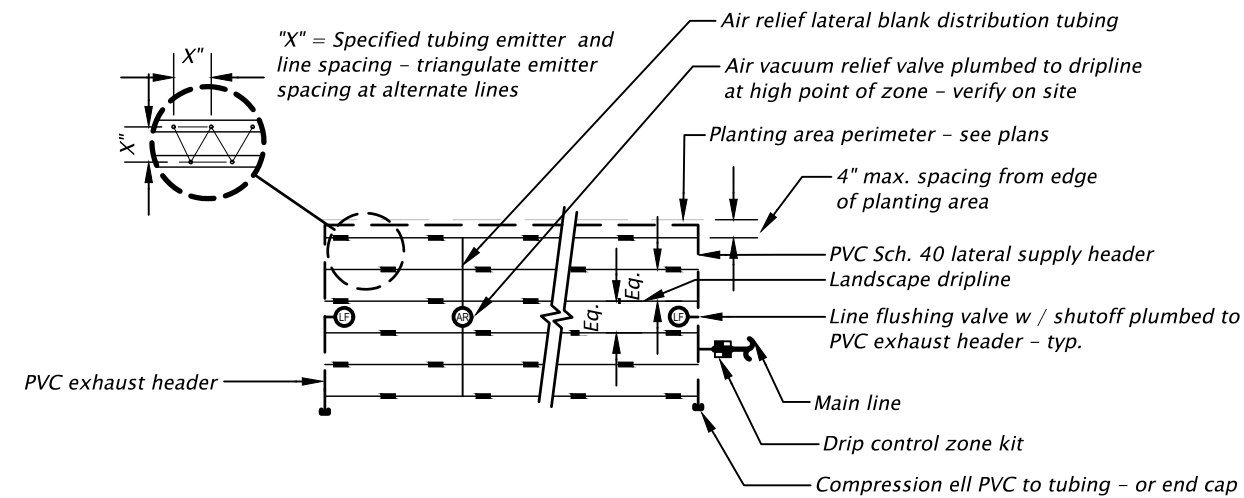
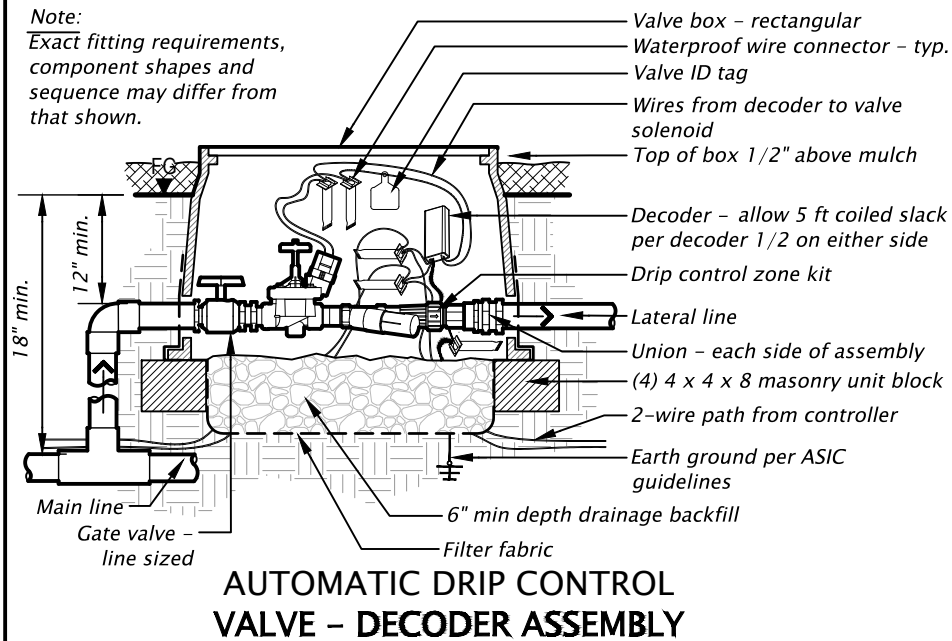
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Designed By - W.S.
Drafted By - W.S. / C.W.

**STREETSCAPE SITE
DETAILS**



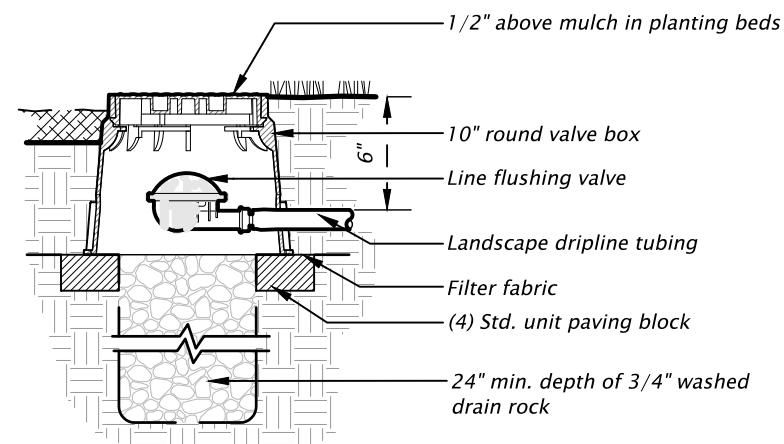
SHEET
NO.

RD06

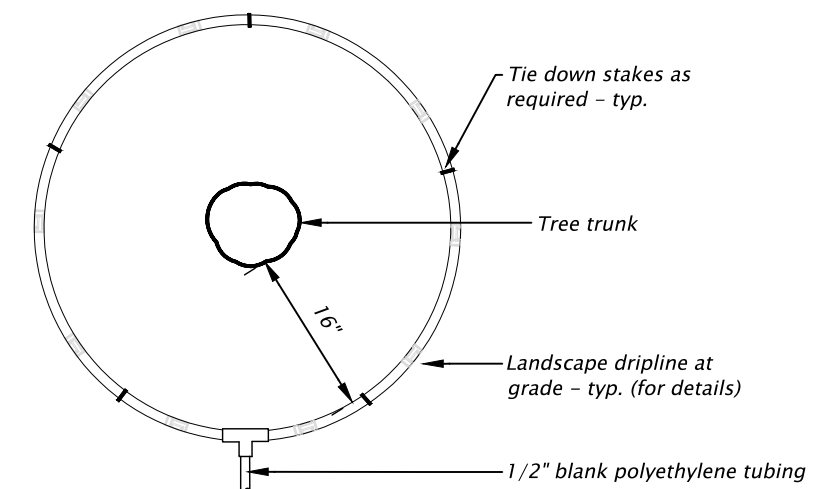
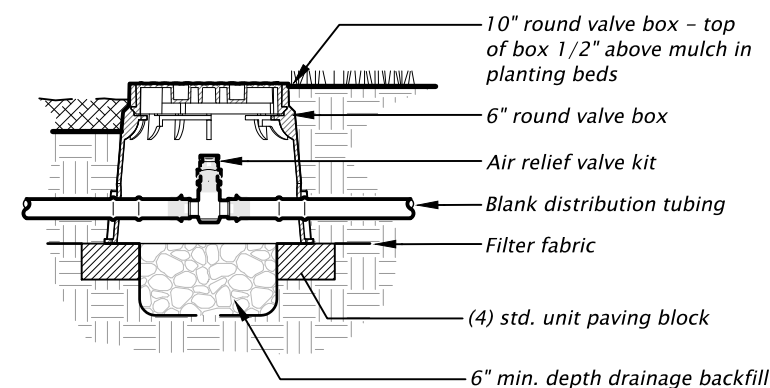


- Notes:
1. Dripline lengths shall not exceed manufacturer's recommended maximum.
 2. Minimum of (1) line flushing valve per 15 gpm – refer to manufacturer's recommendation.

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- Notes:
1. Air relief valve to be installed at highest point from control zone kit – verify on site.
 2. Multiple air relief valves may be needed to accommodate differences in grade – verify on site.



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WASCO COUNTY

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Drafted By – W.S. W.S.W.

IRRIGATION DETAILS



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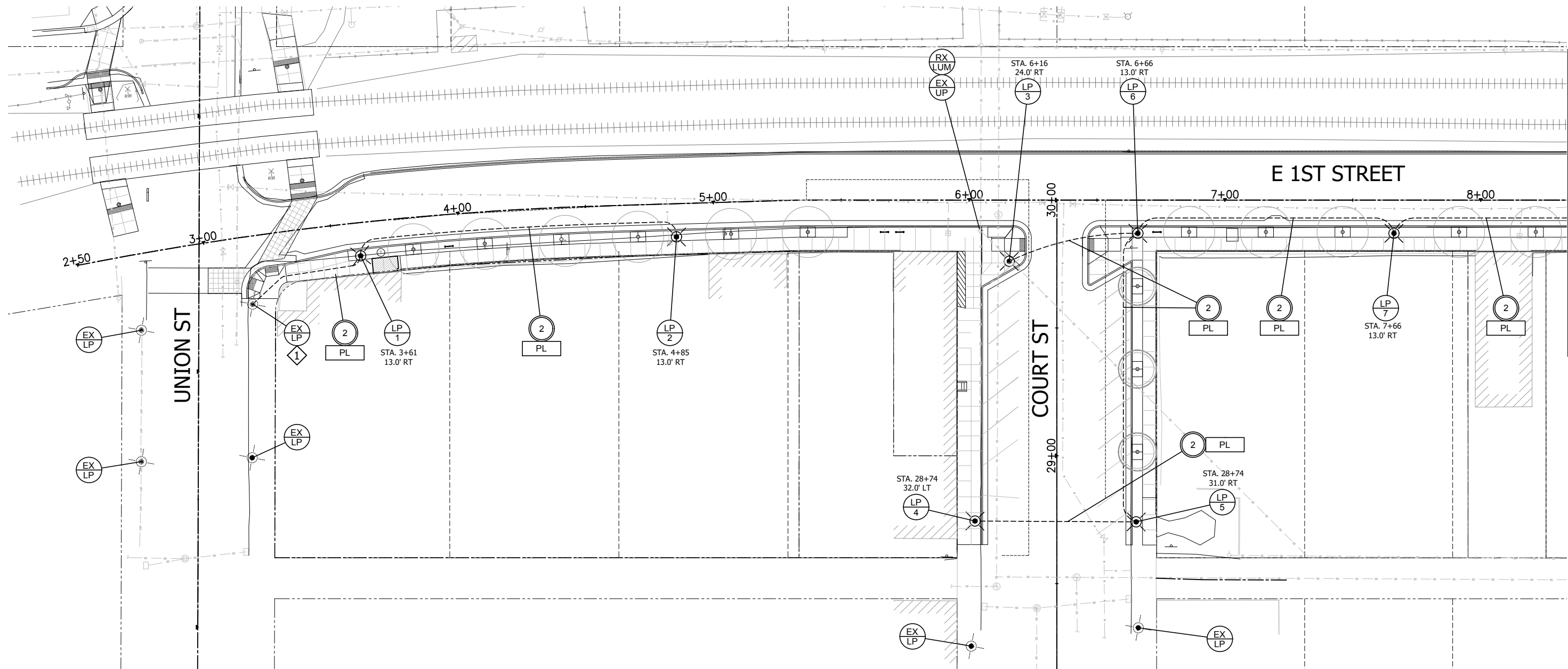
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Drafted By - W.S. / C.W.



SHEET
NO.

RD08

MATCH LINE
SEE SHEET PA02**GENERAL NOTES:**

1. CONTACT JEFF HANDLEY WITH NORTHERN WASCO COUNTY PUD AT (541) 296-2226 TO COORDINATE FIELD WORK AND PICK UP OF MATERIALS.
2. ALL STREET LIGHTING MATERIALS TO BE SUPPLIED BY PUD. MATERIALS FOR UNDERGROUND LINE INSTALLATION CAN BE PICKED UP AT THE PUD'S WAREHOUSE, 2345 RIVER ROAD, THE DALLES, OR. 97058, 7:30-12:00 & 1:00-3:30. THE PUD DOES NOT DELIVER MATERIALS TO THE JOB SITE.
3. UPON INSTALLATION OF THE PUD'S SUBSTRUCTURE SYSTEM, PLEASE CONTACT PUD ENGINEERING DEPARTMENT AT (541) 298-4461 FOR INSPECTION PRIOR TO BACKFILL TO ENSURE ALL WORK WAS DONE TO DISTRICT'S SPECIFICATIONS.
4. ALL WORK TO BE COMPLETED PER PUD STANDARDS AND SPECIFICATIONS AS NOTED IN THE NORTHWEST WASCO COUNTY PUD SERVICE STANDARDS AND REQUIREMENTS (LATEST VERSION).

LEGEND**LUMINAIRES AND POLES**

- | | |
|--|---|
| | RETAIN AND PROTECT EXISTING UTILITY POLE |
| | RETAIN AND PROTECT EXISTING LIGHT POLE |
| | INSTALL LIGHT POLE (N=NUMBER) AND POLE BASE. LIGHT POLE TO BE PROVIDED AND INSTALLED BY PUD. POLE BASE TO BE PROVIDED BY PUD AND INSTALLED BY THE CONTRACTOR. |
| | REMOVE EXISTING LUMINAIRE ARM AND FIXTURE, TO BE COMPLETED BY PUD. |
| | REMOVE EXISTING WOOD STREET LIGHT POLE. |

CONDUIT AND WIRING

- | | |
|--|--|
| | INSTALL (S=SIZE) INCH DIAMETER CONDUIT. CONDUIT PROVIDED BY PUD AND INSTALLED BY THE CONTRACTOR. |
|--|--|

CONSTRUCTION NOTE:

- EXTEND CONDUIT FROM EXISTING POLE. COORDINATE WITH PUD DURING INSTALLATION



Scale: 1" = 40'



KITTELSON & ASSOCIATES
661 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.226.5230 F 503.273.8168

**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

Design Team Leader - P.C.
Designed By - J. Whitman
Drafted By - J. Henriksen

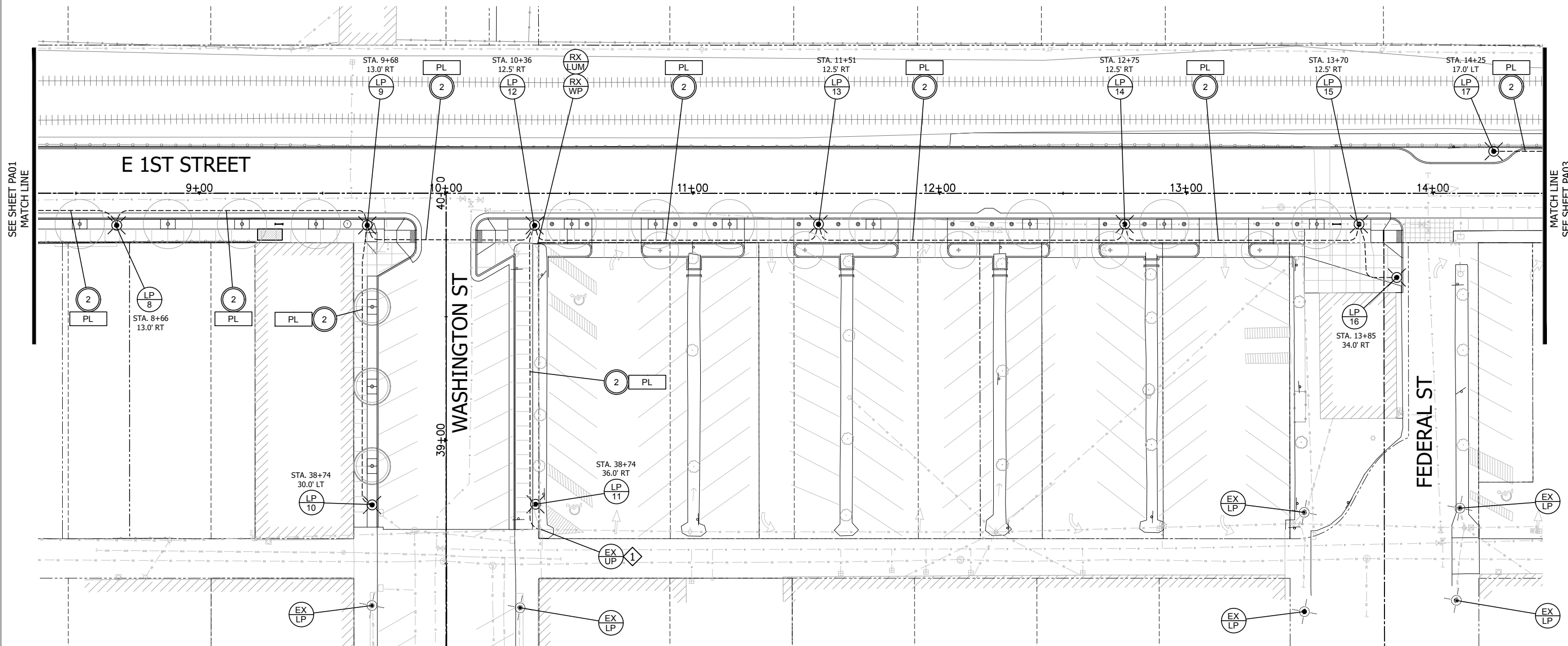
ILLUMINATION PLAN

SHEET NO.

PA01

95% PLANS

SUBJECT TO CHANGE



CONSTRUCTION NOTE:

- 1 POWER SOURCE. EXTEND CONDUIT TO UTILITY POLE BASE. COORDINATE WITH PUD DURING INSTALLATION.

NOTE:

SEE SHEET PA01 FOR LEGEND



Scale: 1" = 40'



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**THE DALLES FIRST STREET PROJECT
UNION STREET TO MADISON STREET**
THE DALLES, OREGON
WASCO COUNTY

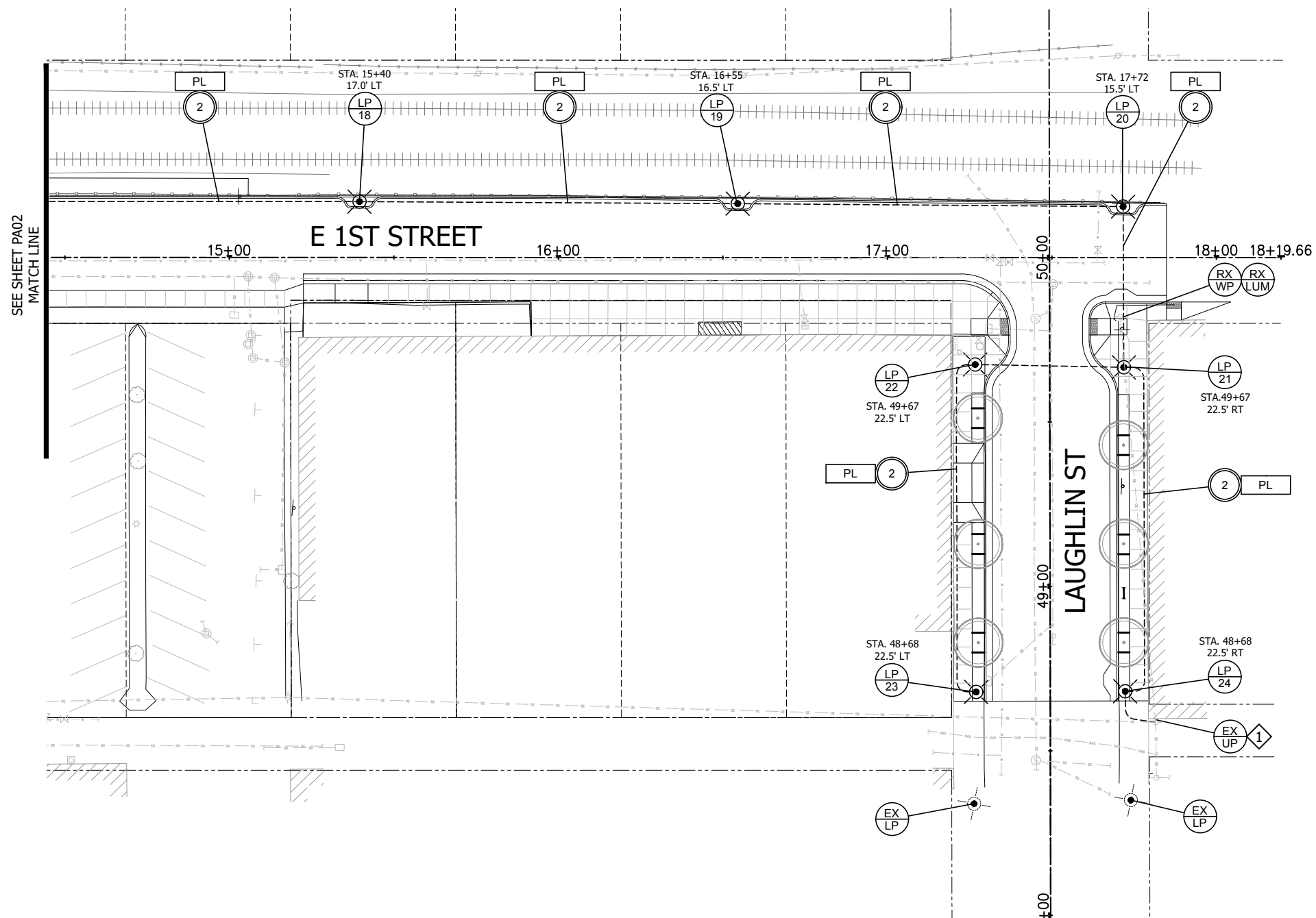
Design Team Leader - P.C.
Designed By - J. Whitman
Drafted By - J. Henriksen

ILLUMINATION PLAN



SHEET NO.

PA02

**CONSTRUCTION NOTE:**

- 1 POWER SOURCE. EXTEND CONDUIT TO UTILITY POLE BASE. COORDINATE WITH PUD DURING INSTALLATION.

NOTE:

SEE SHEET PA01 FOR LEGEND



Scale: 1" = 40'



EXPIRES: 06/30/24

KITTELSON & ASSOCIATES
 651 SW 5TH AVENUE, SUITE 600
 PORTLAND, OREGON 97204
 P 503.226.5230 F 503.273.8168

**THE DALLES FIRST STREET PROJECT
 UNION STREET TO MADISON STREET**

THE DALLES, OREGON
 WASCO COUNTY

Design Team Leader - P.C.
 Designed By - J. Whitman
 Drafted By - J. Henriksen

ILLUMINATION PLAN

SHEET NO.

PA03

SP5696C: LUMINAIRE
Modifications: Logo cage assy, Opal acrylic bands,
Internal GFI outlet controlled by T/L receptacle.
SP5696A: POLE ASSEMBLY

Luminaire Detail
Scale 1:16

Technical drawing of a lamp post (Fig. 1). The drawing shows a vertical lamp post with a decorative top. The top section is a rounded, bulbous shape with a horizontal band across its middle. This band features a central circular ornament with a three-lobed design. The main body of the lamp post is a large, rounded, ribbed section. Below this is a smaller, fluted section, and at the bottom is a decorative base. Dimensions are indicated: a horizontal dimension of 17.37 across the top band, and a vertical dimension of 38.10 from the top of the main body to the top of the fluted section.

INTEGRAL CONTROL OPTIONS:
NONE

HADCO

BY: SMK	DATE: 03/31/20
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- ETL/cETL listed to U.S. & Canadian safety standards for wet locations, manufactured to ISO 9001:2008 Standards, vibration tested to ANSI C136.31 for normal applications, UL8750 & UL1598 compliant, LM79 & LM80 tested, DLC listed.

BASE TEMPLATE
#T01000735

Technical drawing of a street lamp post. The drawing shows a vertical post with a decorative base and a lantern at the top. Dimensions are indicated by arrows and text:

- Total height: 17' - 4 1/8"
- Height to the top of the post: 14'
- Height of the base: 21.13
- Width of the base: 16.00

Top view of a circular mechanical part. The overall diameter is 1'-8". The part features a central hub with four circular features arranged in a square pattern. Four spokes radiate from the hub to the outer rim. The outer rim has four circular features, one on each spoke. The central hub has four circular features, one on each spoke. The outer rim has a thickness of 1/2".

Technical drawing of a mold assembly. The drawing shows a cross-section of a mold with a central cavity. The mold is composed of several parts, including a top plate, a central core, and a surrounding structure. An arrow points to a specific part of the mold, likely indicating a point of interest or a specific feature.

“C”
“A”

Diagram illustrating the construction of a drilled pier foundation. The pier is shown in cross-section, embedded in the ground. The pier is filled with concrete, and the surrounding area is backfilled with compacted gravel. The diagram includes labels for the backfill and the gravel base.

Labels in the diagram:

- Backfill with compacted gravel
- 8 ft Gravel and gravel with #6 extend
- 6" Minimum compacted gravel base

TYPICAL INSTALLATION

REGISTERED PROFESSIONAL
ENGINEER
72740PE
OREGON
EXPIRES 10/2013

**KITTELSON
& ASSOCIATES**
851 SW 6TH AVENUE, SUITE 600
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EET
10.

PA04