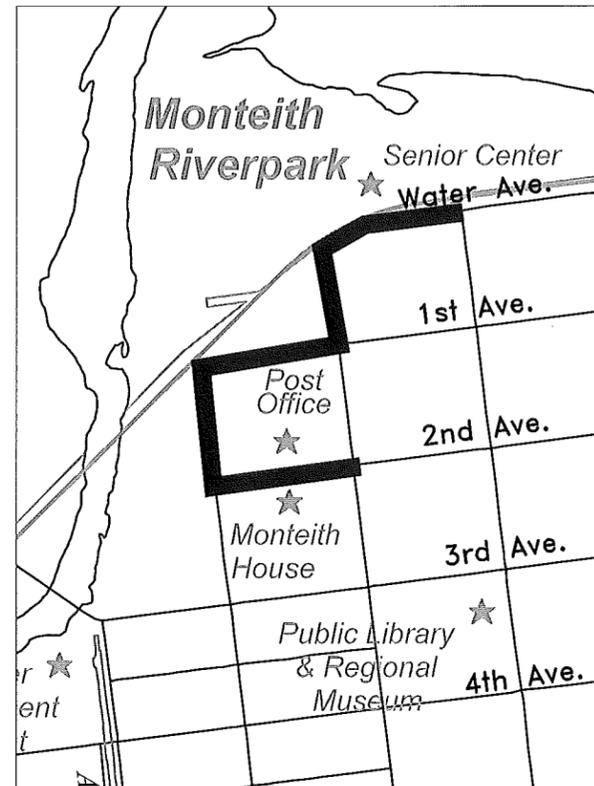


CITY OF ALBANY

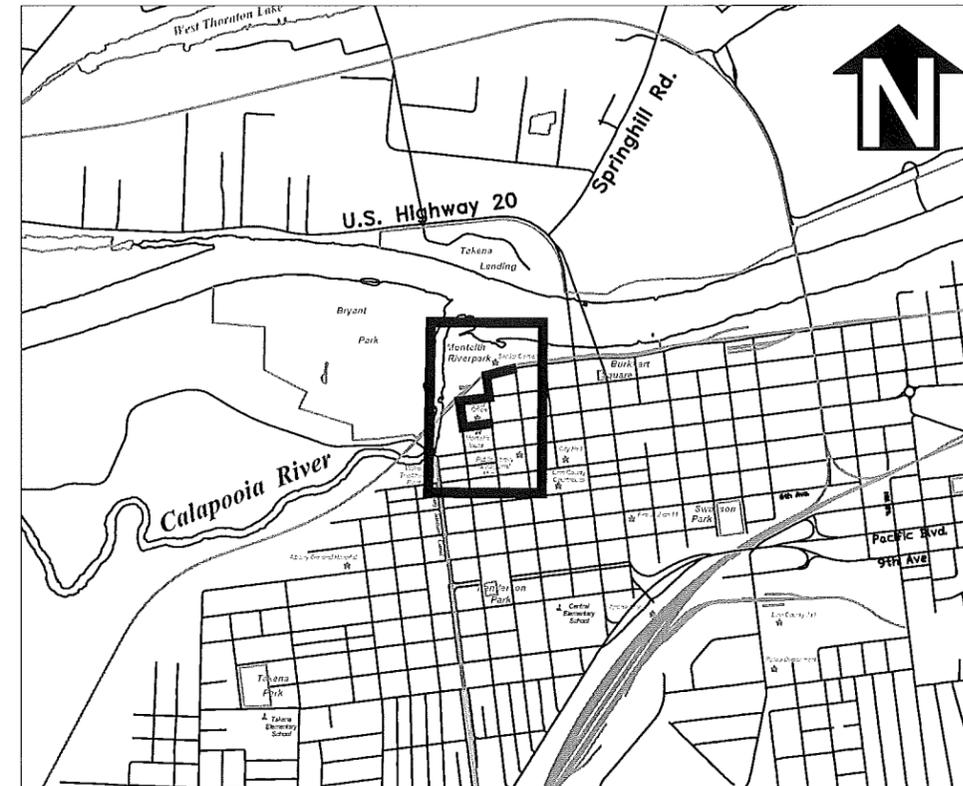
ST-15-03-A, CARA STREET IMPROVEMENTS PHASE 1

SHEET INDEX

SHEET NO. 1,	COVER & GENERAL NOTES
SHEET NO. 2,	TYPICAL STREET CROSS SECTION
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SHEETS NO. 10 TO 13,	WATER LINE CONSTRUCTION
SHEET NO. 14,	TREE REMOVAL PLAN
SHEET NO. 15,	TREE INSTALLATION PLAN
SHEET NO. 16,	TREE DETAILS
SHEET NO. 17,	STRIPING PLAN
SHEET NO. 18,	SIGNAGE PLAN
SHEET NO. 19,	STRIPE AND SIGN DETAILS
SHEET NO. 20,	HORIZONTAL CURVE TABLE
SHEET NO. 21,	EROSION PREVENTION AND SEDIMENT CONTROL PLAN



PROJECT LOCATION
Not to Scale



VICINITY MAP
Not to Scale

LEGEND

	EXISTING WATER SERVICE		EXISTING POWER POLE
	RECONNECT EXISTING METER		EXISTING STORM MANHOLE
	EXISTING WATER VALVE		NEW CURB INLET
	NEW WATER VALVE		EXISTING STREET LIGHT
	EXISTING WATER LINE		EXISTING TRAFFIC SIGN
	EXISTING GAS LINE		NEW TRAFFIC SIGN
	EXISTING STORM LINE		EXISTING HYDRANT
	EXISTING SANITARY SEWER LINE		NEW HYDRANT
	EXISTING QL DUCT		REDUCER
	EXISTING POWER LINES		DIRECTION OF GUTTER FLOW
	NEW WATER LINE		
	NEW STORM LINE		

GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS AND ASSOCIATED STANDARD DRAWINGS. THE CURRENT VERSION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS CAN BE FOUND ON THE CITY'S WEBSITE AT WWW.CITYOFALBANY.NET.
2. UTILITIES SHOWN ARE FOR REFERENCE ONLY. FOR A FIELD LOCATE, CALL THE UTILITIES NOTIFICATIONS CENTER AT 1-800-332-2344.
3. OPERATING ACCESS FOR CITY MAINTENANCE PERSONNEL TO EXISTING AND NEW WATER VALVES AND MANHOLES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING ALL CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL VERIFY ALL EXISTING PIPE ELEVATIONS, PIPE DIAMETERS, AND PIPE MATERIALS AT CONNECTION AND ABANDONMENT LOCATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER PRIOR TO BEGINNING WORK.
5. 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 NOTIFICATION CENTER IS (503) 232-1987).
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION PREVENTION SEDIMENT CONTROL (EPSC) MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE CITY OF ALBANY, AND VEGETATION/LANDSCAPING IS ESTABLISHED. FOR GUIDANCE, REFER TO THE CITY OF ALBANY EPSC MANUAL WHICH CAN BE FOUND AT www.cityofalbany.net.
7. PLEASE NOTE THAT THE HORIZONTAL SCALES ON THE DRAWINGS VARY.
8. PORTIONS OF WORK WILL HAVE TO TAKE PLACE OUTSIDE REGULAR WORKING HOURS. SEE SPECIAL PROVISIONS.

DESIGNED: L. SCHUMACHER
DRAWN: L. SCHUMACHER
CHECKED: C. CERKLEWSKI
DATE: 11/8/2016

REVISIONS
NO: BY: DATE:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

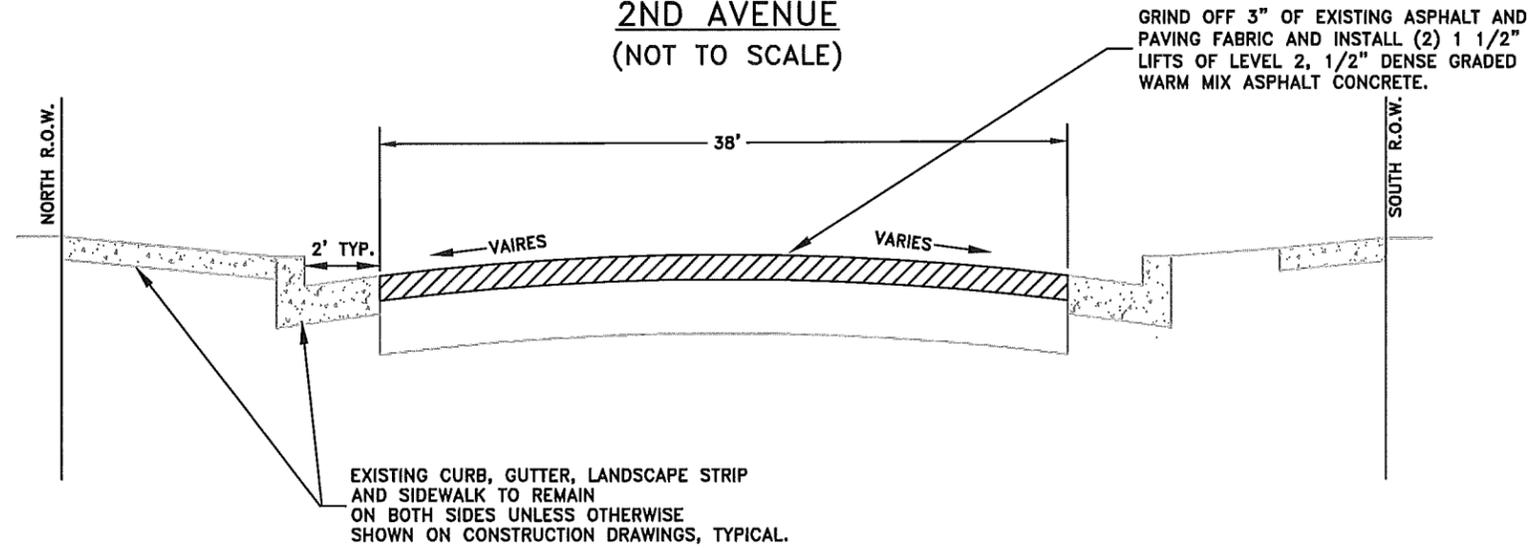


ST-15-03-A, CARA STREET IMPROVEMENTS PHASE 1



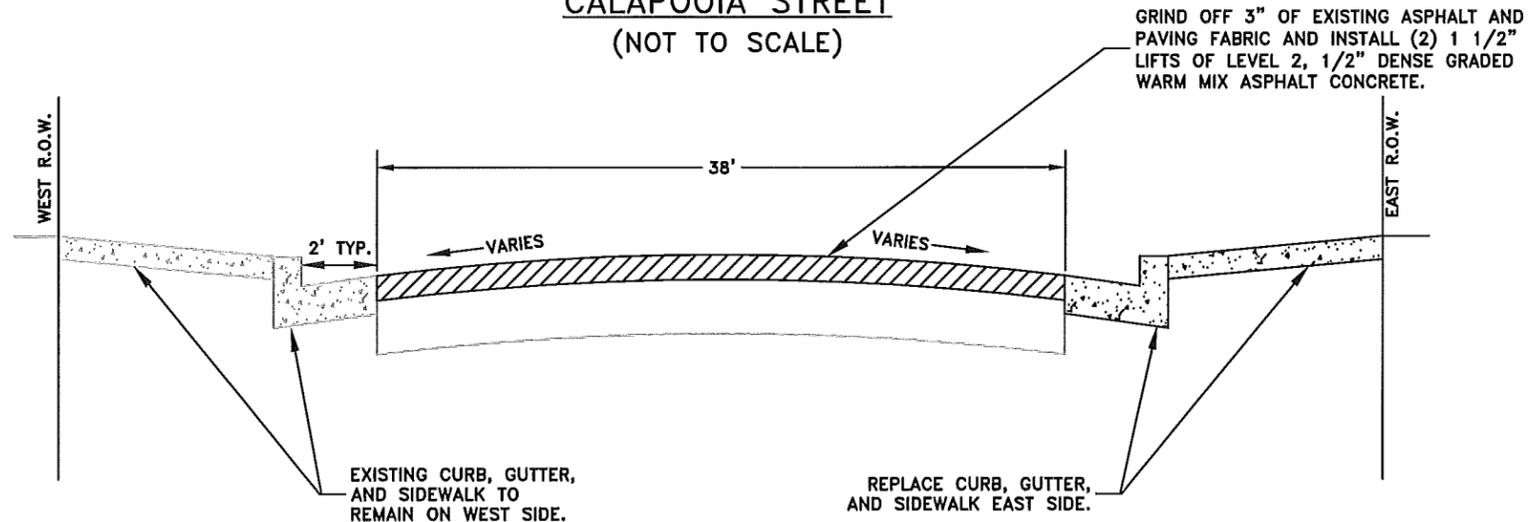
EXPIRATION DATE: 12/31/2017
SHEET NO. 1 OF 21
PROJECT NO: ST-15-03-A
FILE: FILENAME.DWG

**TYPICAL STREET CROSS SECTION
2ND AVENUE
(NOT TO SCALE)**

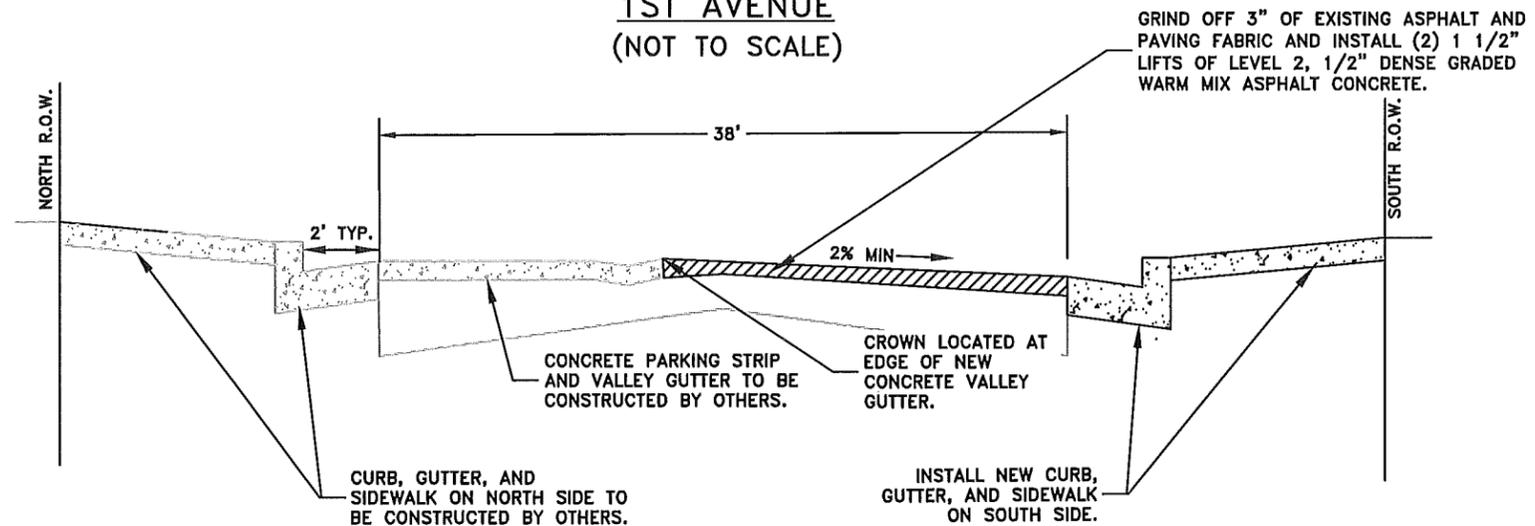


NOTE:
EXISTING PAVEMENT SECTION IS 3" HMAC ON PAVING FABRIC OVER 2" HMAC, TYPICAL.

**TYPICAL STREET CROSS SECTION
CALAPOOIA STREET
(NOT TO SCALE)**



**TYPICAL STREET CROSS SECTION
1ST AVENUE
(NOT TO SCALE)**



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

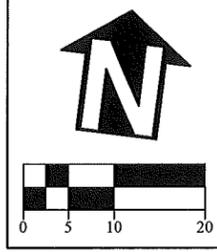
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



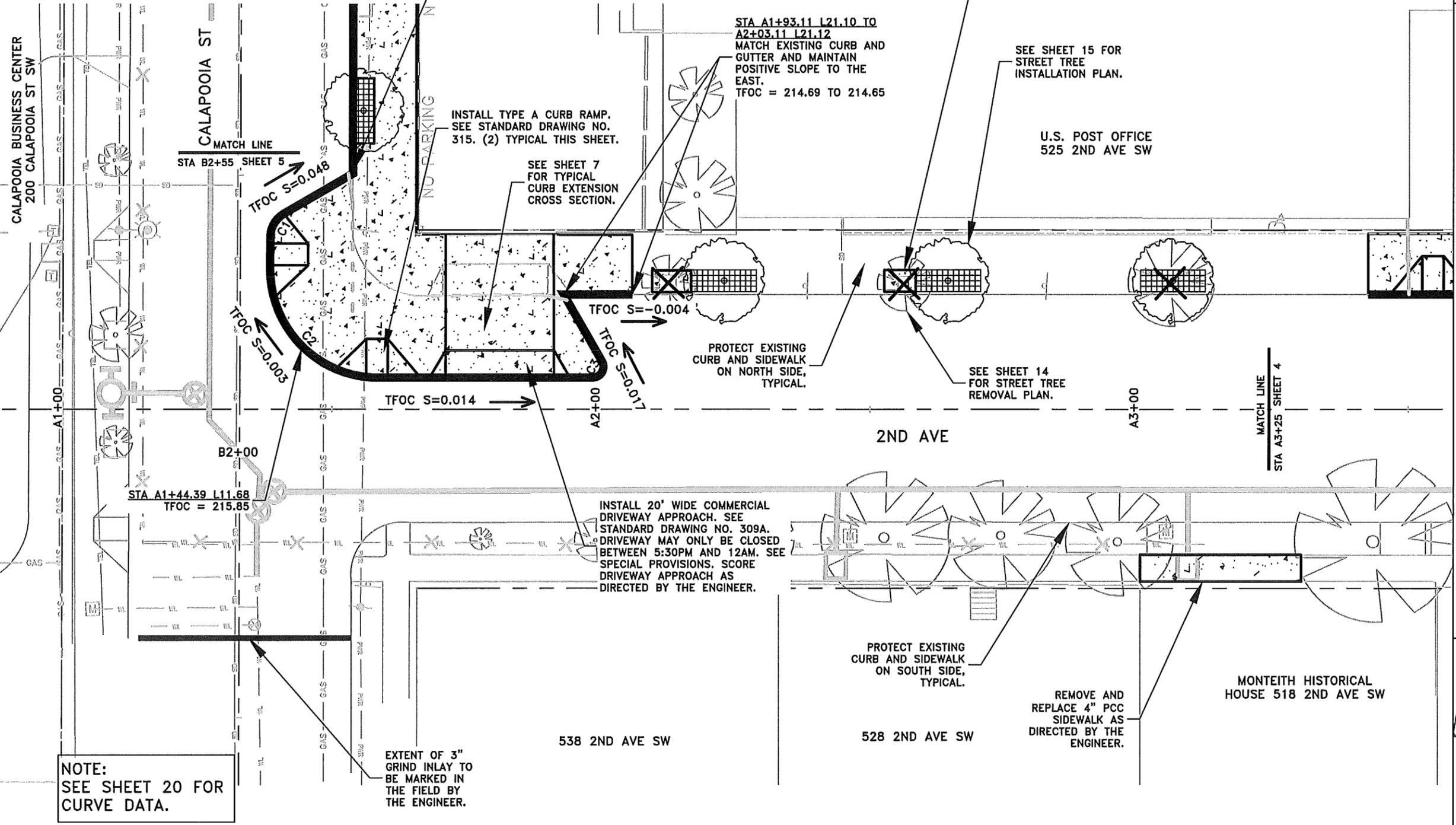
**ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
TYPICAL STREET CROSS SECTIONS**



EXPIRATION DATE: 12/31/2017
SHEET NO. 2 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



DESIGNED:	L. SCHUMACHER
DRAWN:	L. SCHUMACHER
CHECKED:	C. CERKLEWSKI
DATE:	11/8/2016
REVISIONS	
NO:	BY:
DATE:	---



NOTE:
SEE SHEET 20 FOR
CURVE DATA.

EXTENT OF 3"
GRIND INLAY TO
BE MARKED IN
THE FIELD BY
THE ENGINEER.

538 2ND AVE SW

528 2ND AVE SW

MONTEITH HISTORICAL
HOUSE 518 2ND AVE SW

INSTALL TYPE A CURB RAMP.
SEE STANDARD DRAWING NO.
315. (2) TYPICAL THIS SHEET.

SEE SHEET 7
FOR TYPICAL
CURB EXTENSION
CROSS SECTION.

STA A1+93.11 L21.10 TO
A2+03.11 L21.12
MATCH EXISTING CURB AND
GUTTER AND MAINTAIN
POSITIVE SLOPE TO THE
EAST.
TFOC = 214.69 TO 214.65

FILL IN EXISTING TREE
WELLS WITH CONCRETE
WHEREVER THE NEW AND
EXISTING TREE WELLS
DON'T OVERLAP. (2)
TYPICAL THIS SHEET.

SEE SHEET 15 FOR
STREET TREE
INSTALLATION PLAN.

U.S. POST OFFICE
525 2ND AVE SW

PROTECT EXISTING
CURB AND SIDEWALK
ON NORTH SIDE,
TYPICAL.

SEE SHEET 14
FOR STREET TREE
REMOVAL PLAN.

PROTECT EXISTING
CURB AND SIDEWALK
ON SOUTH SIDE,
TYPICAL.

REMOVE AND
REPLACE 4" PCC
SIDEWALK AS
DIRECTED BY THE
ENGINEER.

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
2ND AVENUE STREET CONSTRUCTION



EXPIRATION DATE: 12/31/2017
SHEET NO. 3 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG

U.S. POST OFFICE
525 2ND AVE SW

STA A3+42.57 L21.15 TO
A3+68.51 L21.16
REMOVE AND REPLACE EXISTING
CURB AND GUTTER IN PLACE. SEE
STANDARD DRAWING NO. 315.

STA A3+42.57 L21.15
MATCH EXISTING
CURB AND GUTTER
TFOC = 212.63

INSTALL 25' WIDE COMMERCIAL
DRIVEWAY APPROACH. SEE
STANDARD DRAWING NO. 309A.
DRIVEWAY MAY ONLY BE
CLOSED BETWEEN 5:30PM AND
12AM. SEE SPECIAL
PROVISIONS. SCORE DRIVEWAY
AS DIRECTED BY THE
ENGINEER.

INSTALL TYPE A CURB RAMP.
SEE STANDARD DRAWING NO.
315. (3) TYPICAL THIS SHEET.

COORDINATE WITH CITY
CREWS TO RELOCATE
EXISTING TRASH
RECEPTACLE.

STA A4+46.08 L44.81
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.16

SEE SHEET 15 FOR
STREET TREE
INSTALLATION PLAN.

SEE SHEET 14
FOR STREET TREE
REMOVAL PLAN.

STA A4+87.96 L40.99
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.20

INSTALL (6) TYPE B
CURB RAMP. SEE
STANDARD DRAWING
NO. 315.

RAYBAR PROFESSIONAL CENTER
425 2ND AVE SW

STA A5+08.42 L20.93
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.23

STA A5+08.01 R21.11
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.33

STA A3+83.14 R20.76
MATCH EXISTING CURB
AND GUTTER.
TFOC = 212.15

MONTEITH
HISTORICAL HOUSE
518 2ND AVE SW

LIMITS OF CONCRETE
REPLACEMENT TO BE
MARKED IN THE
FIELD BY THE
ENGINEER. MATCH
EXISTING SCORING
PATTERN IF NONE IS
SPECIFIED. TYPICAL.

REMOVE AND REPLACE
EXISTING CURB AND
GUTTER IN PLACE.

REMOVE AND REPLACE
16' COMMERCIAL
DRIVEWAY APPROACH.
SEE STANDARD
DRAWING NO. 309A.

LOAFER'S STATION
222 WASHINGTON ST SW

STA A4+45.73 R42.14
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.29

EXTENT OF 3"
GRIND INLAY TO
BE MARKED IN
THE FIELD BY
THE ENGINEER,
TYPICAL.

STA A4+87.88 R45.00
MATCH EXISTING CURB
AND GUTTER.
TFOC = 211.45

REPLACE ANY
DISTURBED CONCRETE
IN HATCHED AREAS
WITH HOT MIX
ASPHALT. TYPICAL.

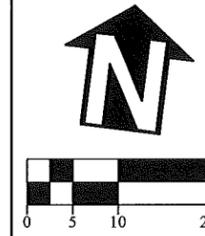
CREO BELLUS SALON
456 2ND AVE SW

3.5'x4' SCORING PATTERN
TYPICAL. WIDTH WILL VARY
SLIGHTLY NEXT TO
BUILDINGS.

4'x4' SCORING
PATTERN TYPICAL.

2'x2' SCORING
PATTERN TYPICAL.

NOTE:
SEE SHEET 20 FOR
CURVE DATA.



WASHINGTON ST

2ND AVE

A3+00

MATCH LINE
STA A3+25 SHEET 3

A4+00

A5+00

D1+00

D2+00

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	DATE: --
DATE: 11/8/2016	BY: --

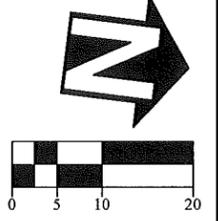
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-15-03-A, CARA STREET IMPROVEMENTS PHASE 1
2ND AVENUE STREET CONSTRUCTION CONT.

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017

SHEET NO. 4 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



CALAPOOIA BUSINESS CENTER
200 CALAPOOIA ST SW

CALAPOOIA ST

NO PARKING

GATE

REMOVE AND REPLACE
SIDEWALK AND CURB
AND GUTTER, TYPICAL.

INSTALL TYPE A
CURB RAMP. SEE
STANDARD DRAWING
NO. 315. (2)
TYPICAL THIS SHEET.

SEE SHEET 14
FOR STREET TREE
REMOVAL PLAN.

SEE SHEET 15 FOR
STREET TREE
INSTALLATION PLAN.

SEE SHEET 7
FOR TYPICAL
CURB EXTENSION
CROSS SECTION.

STA B4+48.69 R20.59
TFOC = 210.39

STA B4+76.24 R32.31
MATCH EXISTING CURB
AND GUTTER.
TFOC = 210.01

U.S. POST OFFICE
525 2ND AVE SW

NOTE:
SEE SHEET 20 FOR
CURVE DATA.

DESIGNED: L. SCHUMACHER
DRAWN: L. SCHUMACHER
CHECKED: C. CERKLEWSKI
DATE: 11/8/2016

REVISIONS	
DATE	BY

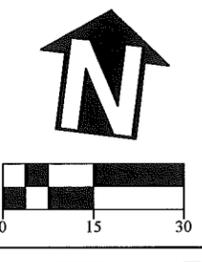
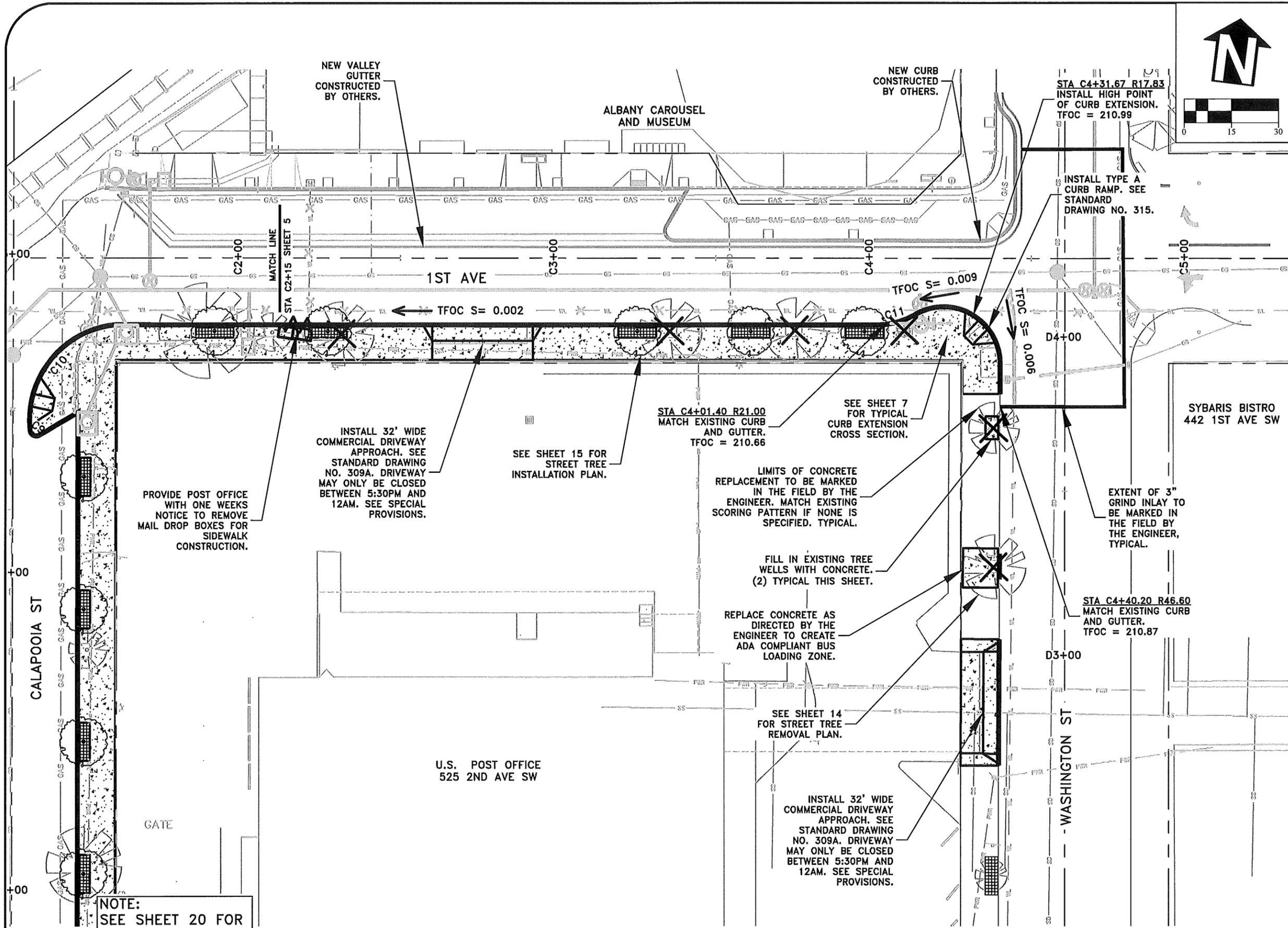
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ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
CALAPOOIA STREET CONSTRUCTION



EXPIRATION DATE: 12/31/2017
SHEET NO. 5 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO.:
CHECKED: C. CERKLEWSKI	BY:
DATE: 11/28/2016	DATE:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
1ST AVENUE STREET CONSTRUCTION



REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017
SHEET NO. 6 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG

NOTE:
SEE SHEET 20 FOR
CURVE DATA.

PROVIDE POST OFFICE
WITH ONE WEEKS
NOTICE TO REMOVE
MAIL DROP BOXES FOR
SIDEWALK
CONSTRUCTION.

INSTALL 32' WIDE
COMMERCIAL DRIVEWAY
APPROACH. SEE
STANDARD DRAWING
NO. 309A. DRIVEWAY
MAY ONLY BE CLOSED
BETWEEN 5:30PM AND
12AM. SEE SPECIAL
PROVISIONS.

SEE SHEET 15 FOR
STREET TREE
INSTALLATION PLAN.

STA C4+01.40 R21.00
MATCH EXISTING CURB
AND GUTTER.
TFOC = 210.66

LIMITS OF CONCRETE
REPLACEMENT TO BE MARKED
IN THE FIELD BY THE
ENGINEER. MATCH EXISTING
SCORING PATTERN IF NONE IS
SPECIFIED. TYPICAL.

FILL IN EXISTING TREE
WELLS WITH CONCRETE.
(2) TYPICAL THIS SHEET.

REPLACE CONCRETE AS
DIRECTED BY THE
ENGINEER TO CREATE
ADA COMPLIANT BUS
LOADING ZONE.

SEE SHEET 14
FOR STREET TREE
REMOVAL PLAN.

INSTALL 32' WIDE
COMMERCIAL DRIVEWAY
APPROACH. SEE
STANDARD DRAWING
NO. 309A. DRIVEWAY
MAY ONLY BE CLOSED
BETWEEN 5:30PM AND
12AM. SEE SPECIAL
PROVISIONS.

U.S. POST OFFICE
525 2ND AVE SW

GATE

NEW VALLEY
GUTTER
CONSTRUCTED
BY OTHERS.

NEW CURB
CONSTRUCTED
BY OTHERS.

STA C4+31.67 R17.83
INSTALL HIGH POINT
OF CURB EXTENSION.
TFOC = 210.99

INSTALL TYPE A
CURB RAMP. SEE
STANDARD
DRAWING NO. 315.

1ST AVE

TFOC S= 0.002

TFOC S= 0.009

TFOC S= 0.006

SYBARIS BISTRO
442 1ST AVE SW

EXTENT OF 3"
GRIND INLAY TO
BE MARKED IN
THE FIELD BY
THE ENGINEER,
TYPICAL.

STA C4+40.20 R46.60
MATCH EXISTING CURB
AND GUTTER.
TFOC = 210.87

WASHINGTON ST

CALAPOOIA ST

C2+00

MATCH LINE
STA C2+15 SHEET 5

C3+00

C4+00

C5+00

D3+00

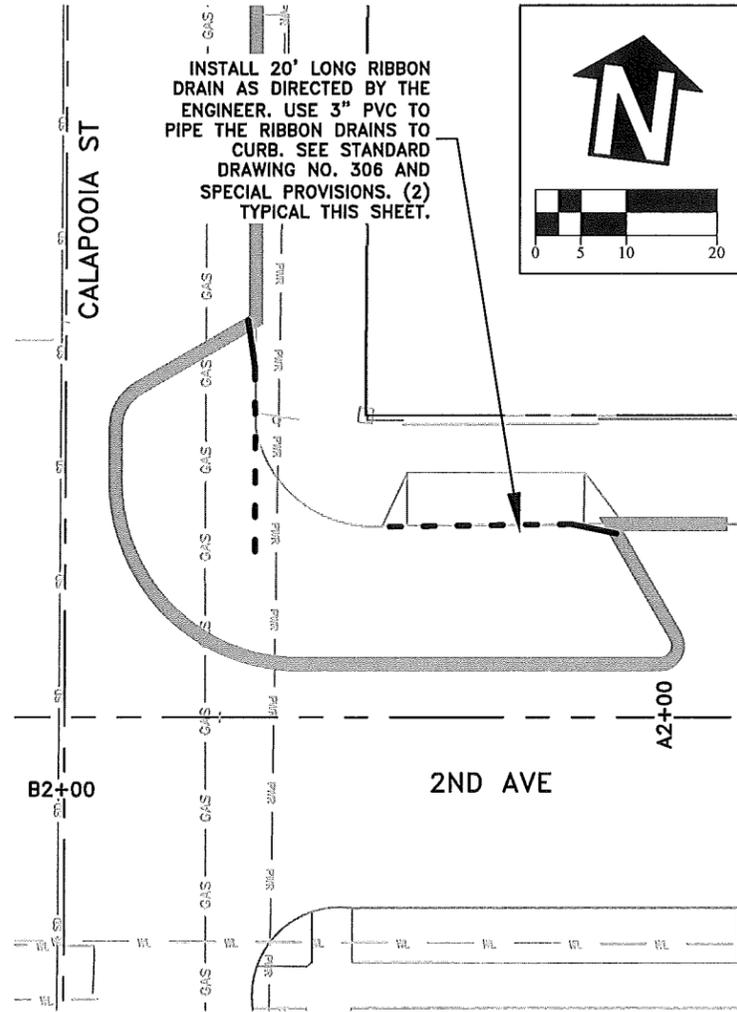
D4+00

D3+00

D4+00

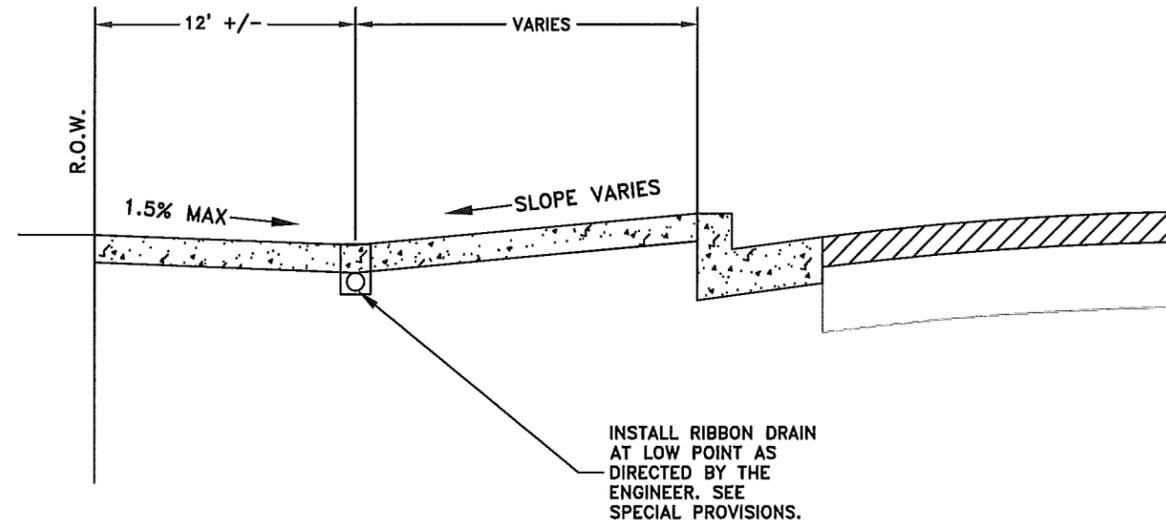
**DETAIL A: CALAPOOIA ST AND 2ND AVE
CURB EXTENSION**

(NOT TO SCALE)



TYPICAL CURB EXTENSION CROSS SECTION

(NOT TO SCALE)



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

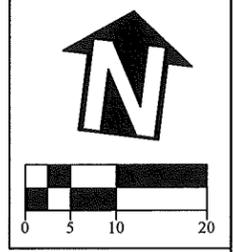
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ENGINEERING SERVICES**



**ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
CURB EXTENSION DETAILS**



EXPIRATION DATE: 12/31/2017
SHEET NO. 7 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



STA A4+60.90 L10.19
 CONNECT NEW PVC STORM LINES
 (NW,NE,SE) TO EXISTING MANHOLE.
 EX RIM = 211.99
 NEW IE 10" PVC (NW) = 206.89
 NEW IE 10" PVC (SE) = 205.79
 EX IE 12" CONC (E) = 198.03
 EX IE 48" RCP (S) = 192.57
 EX IE 48" RCP (N) = 192.57

STA D1+71.49 L20.99
 SDCI-2
 CONSTRUCT CURB INLET. SEE
 STANDARD DRAWING NO. 412 & 413.
 RIM = 211.21
 NEW IE 10" PVC (SW) = 207.24
 NEW IE 10" PVC (SE) = 207.04

STA A3+68.40 L21.16
 SDCI-1
 CONSTRUCT CURB INLET. SEE
 STANDARD DRAWING NO. 412 & 413.
 RIM = 212.20
 NEW IE 10" PVC (E) = 207.84

STA A4+30.19 L22.73
 SDMH-1
 CONSTRUCT 24" DIAMETER MANHOLE.
 RIM = 211.33
 NEW IE 3" PVC = 210.33
 NEW IE 10" PVC (W) = 207.54
 NEW IE 10" PVC (NE) = 207.34

U.S. POST OFFICE
 525 2ND AVE SW

REPLACE 3" ROOF
 DRAIN IN PLACE. SEE
 STANDARD DRAWING
 NO. 306 & 307.

RAYBAR PROFESSIONAL CENTER
 425 2ND AVE SW

SEE DETAIL A ON
 SHEET 7 FOR
 RIBBON DRAIN
 DETAIL AT 2ND
 AND CALAPOOIA
 CURB EXTENSION.

FILL ABANDONED
 STORM LINES WITH
 FLOWABLE CDF.

REMOVE
 EXISTING
 CATCH BASIN.
 (3) TYPICAL
 THIS SHEET.

INSTALL 12' LONG RIBBON
 DRAIN AS DIRECTED BY THE
 ENGINEER. CONNECT TO NEW
 24" MANHOLE WITH 3" PVC.
 SEE TYPICAL CURB
 EXTENSION CROSS SECTION
 ON SHEET 7.

STA A4+31.24 R20.81
 SDCB-1
 CONSTRUCT CATCH BASIN. SEE
 STANDARD DRAWING NO. 414.
 RIM = 211.00
 NEW IE 10" PVC (SE) = 206.76

LOAFER'S STATION
 222 WASHINGTON
 ST SW

MONTEITH HISTORICAL
 HOUSE 518 2ND AVE SW

CREO BELLUS SALON
 456 2ND AVE SW

STA D0+93.13 21.43
 SDCI-3
 REMOVE AND REPLACE CATCH BASIN.
 SEE STANDARD DRAWING NO. 414.
 RIM = 210.86
 NEW IE 10" PVC (NW) = 206.66
 NEW IE 10" PVC (E) = 206.46

STA D0+93.15 R20.73
 SDCI-4
 CONSTRUCT CURB INLET. SEE
 STANDARD DRAWING NO. 412 & 413.
 RIM = 211.43
 NEW IE 10" PVC (W) = 206.27
 NEW IE 10" PVC (NW) = 206.07

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 11/8/2016	DATE: ---
	NO: ---
	BY: ---
	DATE: ---

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
 2ND AVENUE STORM LINE CONSTRUCTION



EXPIRATION DATE: 12/31/2017

SHEET NO. 8 OF 21

PROJECT NO: ST-15-03-A

FILE: BASE.DWG

STA B4+64.49 L21.40
SDCI-6
CONSTRUCT CURB INLET. SEE
STANDARD DRAWING NO. 412 & 413.
RIM = 210.11
NEW IE 10" PVC (E) = 205.42

STA B4+66.64 L0.09
COREDRILL NEW PVC STORM LINE
CONNECTION (W) INTO EXISTING
MANHOLE. FILL REMAINDER OF OLD
CONNECTION WITH NON SHRINK
GROUT.
EX RIM = 210.53
NEW IE 10" PVC (W) = 205.31
EX IE 12" PVC (S) = 205.11
EX IE 12" PVC (NE) = 205.11

STA C1+54.83 R5.92
CORE DRILL NEW PVC STORM LINE
CONNECTION (SE) INTO EXISTING
MANHOLE. ABANDON OLD CONNECTION
WITH NON SHRINK GROUT.
EX RIM = 210.07
EX IE 10" CONC (N) = 205.03
NEW IE 10" PVC (SE) = 205.00
EX IE 12" PVC (SW) = 204.82
EX IE 48" RCP (E) = 187.14
EX IE 48" RCP (NW) = 186.74

STA C1+63.17 R21.11
SDCI-7
CONSTRUCT CURB INLET. SEE
STANDARD DRAWING NO. 412 & 413.
RIM = 210.02
NEW IE 10" PVC (S) = 205.28
NEW IE 10" PVC (NW) = 205.08

STA B4+45.14 R20.60
SDCI-5
CONSTRUCT CURB INLET. SEE
STANDARD DRAWING NO. 412 & 413.
RIM = 210.45
NEW IE 10" PVC (N) = 205.40

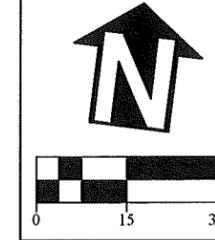
FILL
ABANDONED
STORM LINE
WITH CELLULAR
CONCRETE OR
REMOVE THEM
ENTIRELY.

REMOVE
EXISTING
CATCH BASIN.
(2) TYPICAL
THIS SHEET.

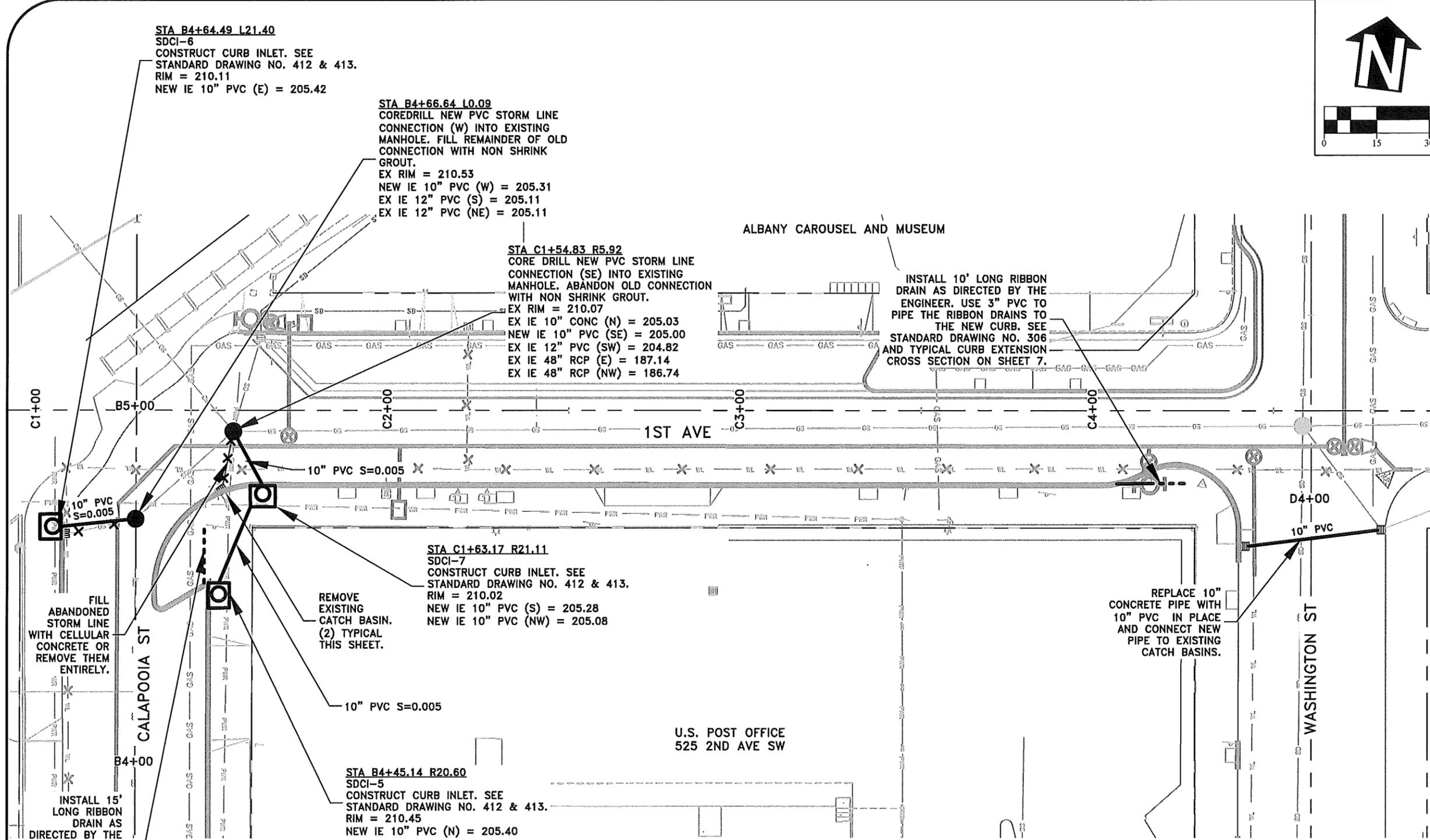
REPLACE 10"
CONCRETE PIPE WITH
10" PVC IN PLACE
AND CONNECT NEW
PIPE TO EXISTING
CATCH BASINS.

INSTALL 15'
LONG RIBBON
DRAIN AS
DIRECTED BY THE
ENGINEER. USE
3" PVC TO PIPE
THE RIBBON
DRAINS TO THE
NEW CURB. SEE
STANDARD
DRAWING NO.
306 AND TYPICAL
CURB EXTENSION
CROSS SECTION
ON SHEET 7.

INSTALL 10' LONG RIBBON
DRAIN AS DIRECTED BY THE
ENGINEER. USE 3" PVC TO
PIPE THE RIBBON DRAINS TO
THE NEW CURB. SEE
STANDARD DRAWING NO. 306
AND TYPICAL CURB EXTENSION
CROSS SECTION ON SHEET 7.



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

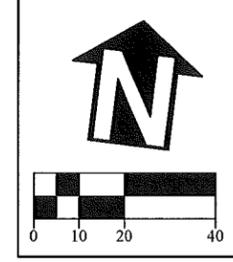


ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
1ST AVENUE STORM LINE CONSTRUCTION



EXPIRATION DATE: 12/31/2017

SHEET NO. 9 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: ---
CHECKED: C. CERKLEWSKI	DATE: ---
DATE: 11/28/2016	BY: ---

STA A4+48.29 R4.62
 CUT IN 12" FLG TEE ON EXISTING 12" CAST IRON WATER LINE. INSTALL 12" FLG BUTTERFLY VALVE AND 12" FLG 45' BEND WITH 12" FLG X MJ ADAPTER (W). INSTALL 12" FLG BUTTERFLY VALVE, 12" FLG X 10" MJ REDUCER, 3' LONG 10" DI PIPE AND TRANSITION COUPLER (N). INSTALL 12" FLG X MJ BUTTERFLY VALVE (E). INSTALL 12" FLG X MJ BUTTERFLY VALVE, 12" DI PIPE AND TRANSITION COUPLER (S). EXTEND 10" AND 12" DI PIPING TO LIMITS OF 3-INCH ASPHALT GRIND INLAY (N,S). NORTH AND SOUTH BUTTERFLY VALVES SHALL REMAIN CLOSED UNTIL ACCEPTANCE OF NEW WATER LINE.

STA A4+32.97 R14.93
 INSTALL 12" DI 45' MJ BEND.

STA A4+27.40 R15.27
 INSTALL 12" MJ X 6" FLG TEE WITH 6" FLG X MJ GATE VALVE AND STANDARD FIRE HYDRANT ASSEMBLY (S). SEE STANDARD DRAWING NO 504. HYDRANT LOCATION TO BE MARKED IN THE FIELD BY THE ENGINEER AND SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE EXISTING HYDRANT.

STA A4+20.09 R4.66
 INSTALL 12" MJ X FLG CROSS FOR FUTURE USE. INSTALL 12" BLIND FLANGE (N,S).

STA A5+06.33 R4.63
 AFTER ACCEPTANCE OF NEW WATERLINE, CONSTRUCT 12"X6" CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL A. DO NOT USE POLYWRAP ON 6" DI PIPE.

STA B2+09.75 L5.68
 INSTALL 12" MJ X 6" FLG TEE (N). INSTALL 6" FLG X MJ GATE VALVE AND STANDARD FIRE HYDRANT ASSEMBLY (W). SEE STANDARD DRAWING NO. 504. HYDRANT LOCATION TO BE MARKED IN THE FIELD BY THE ENGINEER.

STA B2+04.81 L5.69
 INSTALL 12" DI 45' MJ BEND.

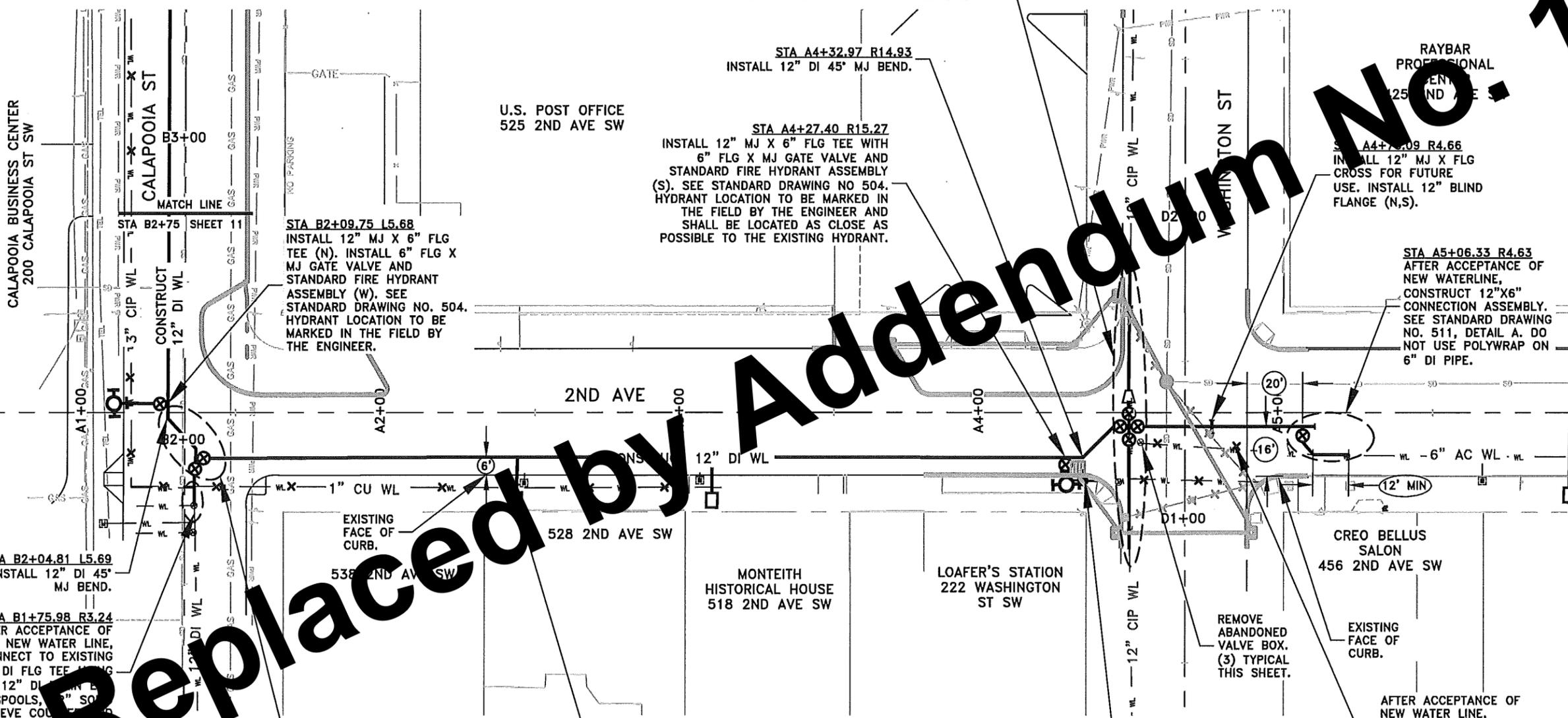
STA B1+75.98 R3.24
 AFTER ACCEPTANCE OF NEW WATER LINE, CONNECT TO EXISTING 12" DI FLG TEE WITH 12" DI PIPE AND SPOOLS, 3" SOLENOID VALVE AND SLEEVE COUPLER. INSTALL 12" FLG X MJ ADAPTER.

STA B1+91.79 R3.65
 INSTALL 12" FLG TEE. INSTALL 12" FLG X MJ BUTTERFLY VALVE (E,S). INSTALL 12" DI 45' FLG BEND WITH DI FLG X MJ ADAPTER (N).

CONSTRUCT STANDARD 1" SERVICE ASSEMBLY SEE STANDARD DRAWING NO. 507 AND SPECIAL PROVISIONS. LOCATION TO BE SPECIFIED IN THE FIELD BY THE ENGINEER. (2) TYPICAL THIS SHEET.

REMOVE ABANDONED FIRE HYDRANT AND LEAVE ONSITE TO BE RECLAIMED BY CITY CREWS.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON 6" AC WATER LINES UNDER WASHINGTON ST BY FILLING THEM WITH CELLULAR CONCRETE. SEE SPECIAL PROVISIONS.



Replaced by Addendum No. 1

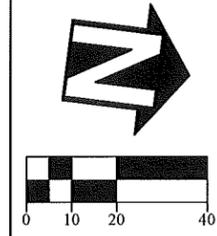
PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



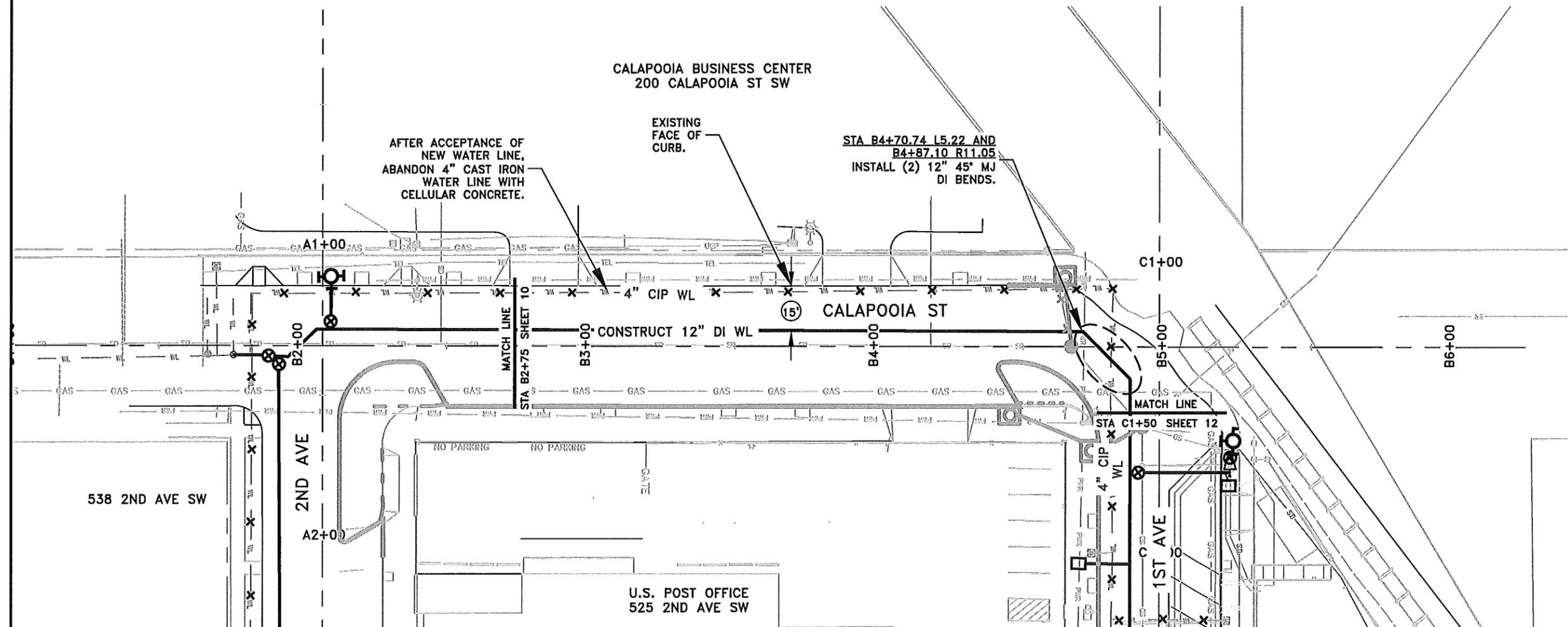
ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
 2ND AVENUE WATER LINE CONSTRUCTION



EXPIRATION DATE: 12/31/2017
 SHEET NO. 10 OF 21
 PROJECT NO: ST-15-03-A
 FILE: BASE.DWG



DESIGNED:	L. SCHUMACHER
DRAWN:	L. SCHUMACHER
CHECKED:	C. CERKLEWSKI
DATE:	11/8/2016
REVISIONS	
DATE:	NO: BY:
---	---
---	---
---	---
---	---



**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

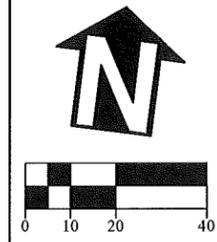


**ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
CALAPOOIA WATER LINE CONSTRUCTION**

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerklewski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017

SHEET NO. 11 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

STA C4+44.48 R10.8
 INSTALL 12" MJ X 10" FLG TEE. INSTALL A MINIMUM OF 12' OF DI PIPING (W,E) WITH NO INTERMEDIATE JOINTS. INSTALL 10" FLG X MJ BUTTERFLY VALVE (S). AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 10" DI PIPING FAR ENOUGH SOUTH TO ABANDON EXISTING FIRE HYDRANT TEE CONNECTION (S). MAKE CONNECTION TO EXISTING 10" CAST IRON WATER LINE WITH 10" TRANSITION COUPLER.

STA C1+70.59 L21.63
 SEE DETAIL B THIS SHEET.

STA C4+14.66 R10.08
 INSTALL 12" MJ X 6" FLG TEE WITH 6" FLG X MJ GATE VALVE AND STANDARD FIRE HYDRANT ASSEMBLY (S). SEE STANDARD DRAWING NO 504. HYDRANT LOCATION TO BE MARKED IN THE FIELD BY THE ENGINEER.

STA C4+70.07 R10.02
 INSTALL 12" FLG X 6" MJ. INSTALL 12" FLG X MJ BUTTERFLY VALVE. INSTALL 10" BLIND FLANGE. INSTALL 10" X 12" MJ ADAPTER. INSTALL 12" FLG BUTTERFLY VALVE, 12" FLG X 10" FLG REDUCER, 10" FLG 45° BEND AND 10" FLG X MJ ADAPTER (E).

CALAPOOIA BUSINESS CENTER
 200 CALAPOOIA ST SW

STA C1+70.63 R10.10
 INSTALL 12" MJ X 8" FLG TEE WITH 8" FLG X MJ GATE VALVE.

ALBANY
 CAROUSEL AND
 MUSEUM

CONSTRUCT
 8" DI WL

AFTER ACCEPTANCE OF
 NEW WATER LINE,
 ABANDON 4" CAST IRON
 WATER LINE WITH
 CELLULAR CONCRETE.

CONSTRUCT STANDARD SERVICE
 ASSEMBLY SEE STANDARD DRAWING NO.
 507 AND SPECIAL PROVISIONS. LOCATION
 TO BE SPECIFIED IN THE FIELD BY THE
 ENGINEER.

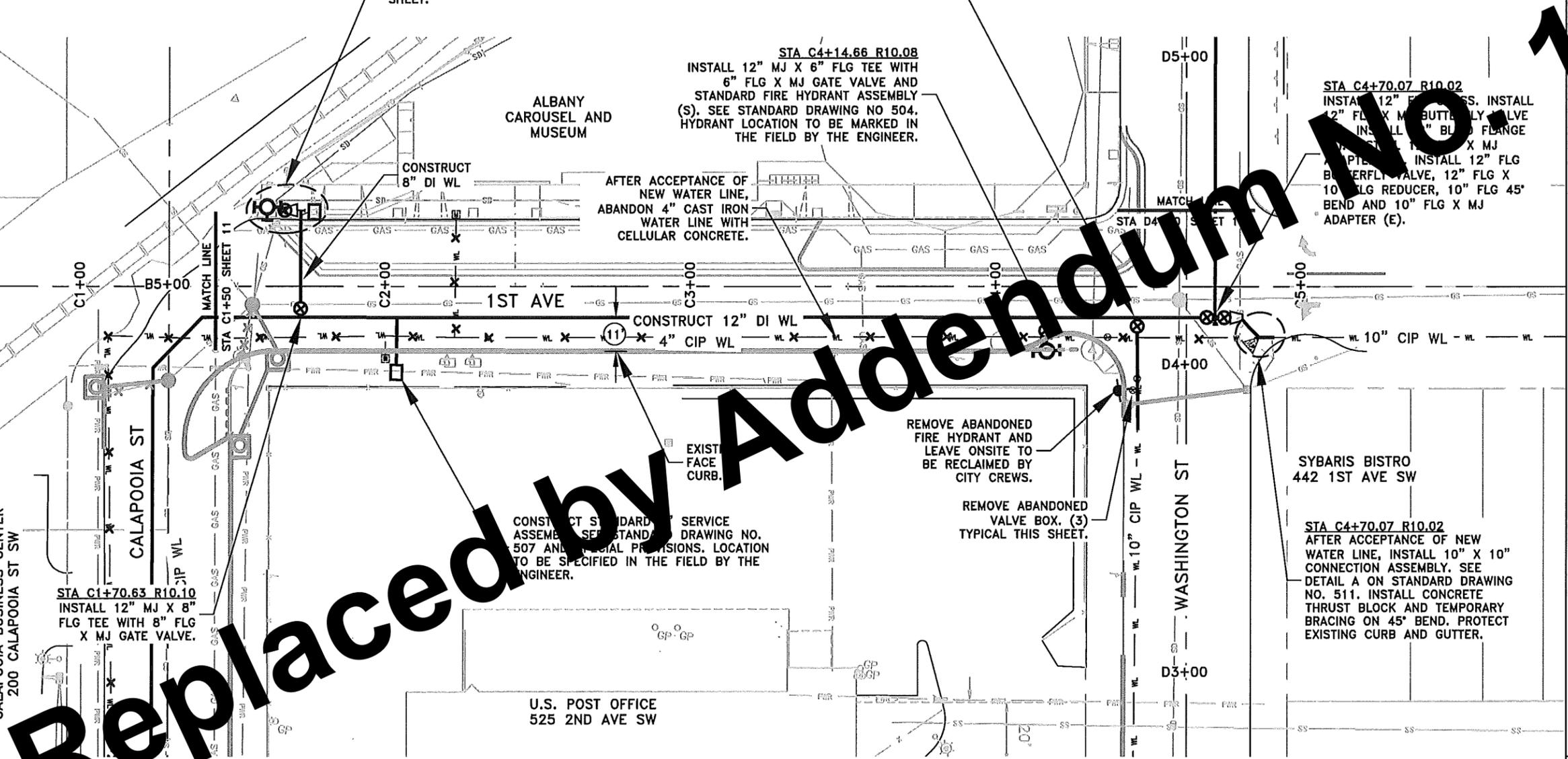
REMOVE ABANDONED
 FIRE HYDRANT AND
 LEAVE ONSITE TO
 BE RECLAIMED BY
 CITY CREWS.

REMOVE ABANDONED
 VALVE BOX. (3)
 TYPICAL THIS SHEET.

SYBARIS BISTRO
 442 1ST AVE SW

STA C4+70.07 R10.02
 AFTER ACCEPTANCE OF NEW
 WATER LINE, INSTALL 10" X 10"
 CONNECTION ASSEMBLY. SEE
 DETAIL A ON STANDARD DRAWING
 NO. 511. INSTALL CONCRETE
 THRUST BLOCK AND TEMPORARY
 BRACING ON 45° BEND. PROTECT
 EXISTING CURB AND GUTTER.

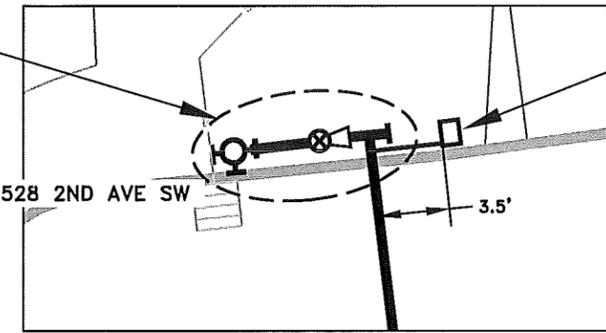
U.S. POST OFFICE
 525 2ND AVE SW



Replaced by Addendum No. 1

DETAIL B: HYDRANT ASSEMBLY
 NOT TO SCALE

STA C1+70.59 L21.63
 INSTALL 8" FLG X 8" MJ TEE.
 INSTALL 8" BLIND FLANGE (E).
 INSTALL 8" FLG X 6" FLG
 REDUCER, 6" FLG X MJ GATE
 VALVE, AND STANDARD FIRE
 HYDRANT ASSEMBLY (W). SEE
 STANDARD DRAWING NO 504.
 HYDRANT LOCATION TO BE
 MARKED IN THE FIELD BY THE
 ENGINEER.



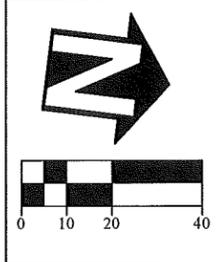
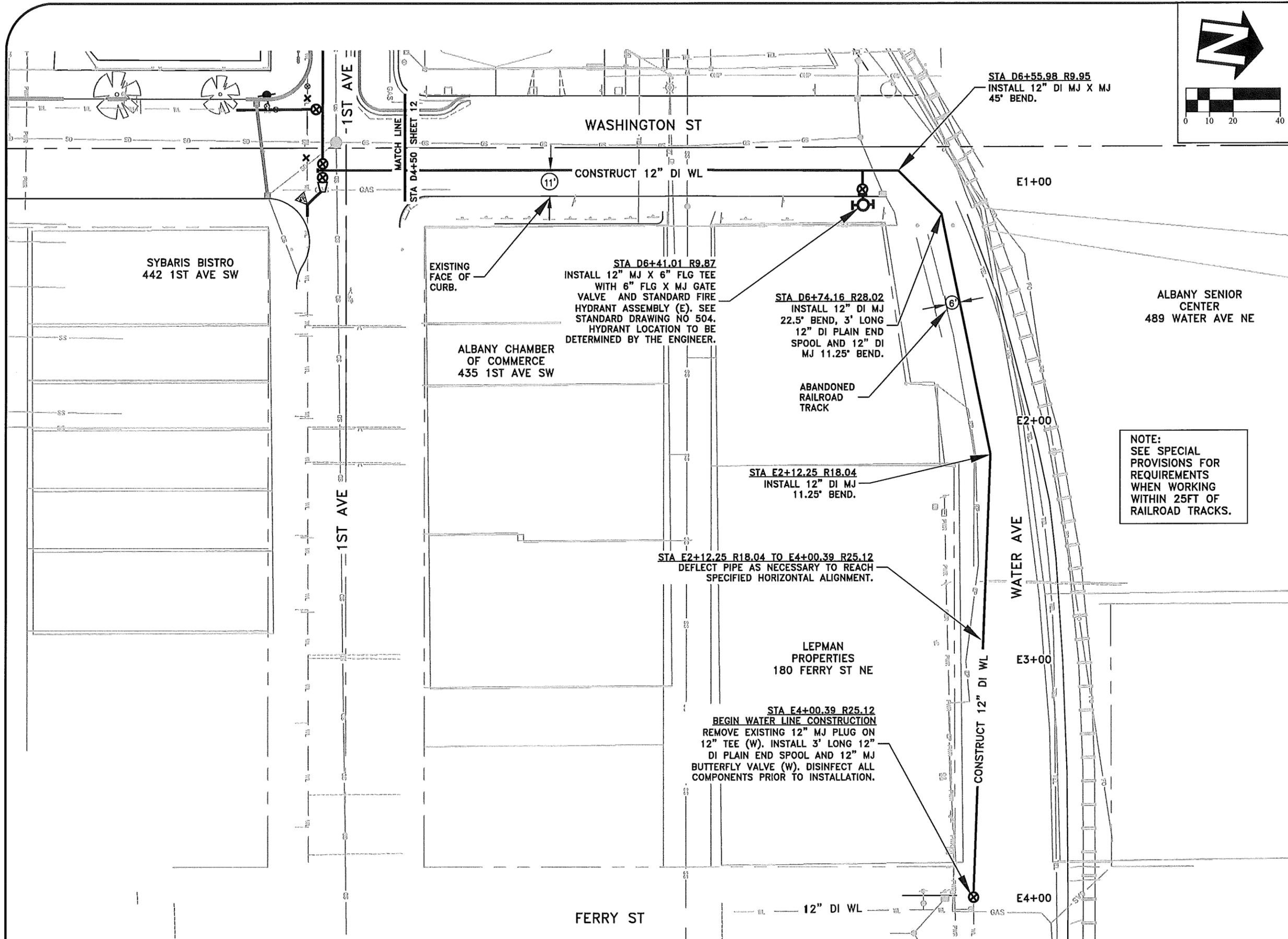
CONSTRUCT STANDARD 2" SERVICE
 ASSEMBLY SEE STANDARD DRAWING NO.
 507 AND SPECIAL PROVISIONS. LOCATION
 TO BE SPECIFIED IN THE FIELD BY THE
 ENGINEER.



EXPIRATION DATE: 12/31/2017
 SHEET NO. 12 OF 21
 PROJECT NO: ST-15-03-A
 FILE: BASE.DWG

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES

ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
 1ST AVENUE WATER LINE CONSTRUCTION



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

SYBARIS BISTRO
442 1ST AVE SW

ALBANY CHAMBER
OF COMMERCE
435 1ST AVE SW

EXISTING
FACE OF
CURB.

STA D6+41.01 R9.87
INSTALL 12" MJ X 6" FLG TEE
WITH 6" FLG X MJ GATE
VALVE AND STANDARD FIRE
HYDRANT ASSEMBLY (E). SEE
STANDARD DRAWING NO 504.
HYDRANT LOCATION TO BE
DETERMINED BY THE ENGINEER.

STA D6+74.16 R28.02
INSTALL 12" DI MJ
22.5' BEND, 3' LONG
12" DI PLAIN END
SPOOL AND 12" DI
MJ 11.25' BEND.

ABANDONED
RAILROAD
TRACK

STA E2+12.25 R18.04
INSTALL 12" DI MJ
11.25' BEND.

STA E2+12.25 R18.04 TO E4+00.39 R25.12
DEFLECT PIPE AS NECESSARY TO REACH
SPECIFIED HORIZONTAL ALIGNMENT.

LEPMAN
PROPERTIES
180 FERRY ST NE

STA E4+00.39 R25.12
BEGIN WATER LINE CONSTRUCTION
REMOVE EXISTING 12" MJ PLUG ON
12" TEE (W). INSTALL 3' LONG 12"
DI PLAIN END SPOOL AND 12" MJ
BUTTERFLY VALVE (W). DISINFECT ALL
COMPONENTS PRIOR TO INSTALLATION.

STA D6+55.98 R9.95
INSTALL 12" DI MJ X MJ
45' BEND.

NOTE:
SEE SPECIAL
PROVISIONS FOR
REQUIREMENTS
WHEN WORKING
WITHIN 25FT OF
RAILROAD TRACKS.

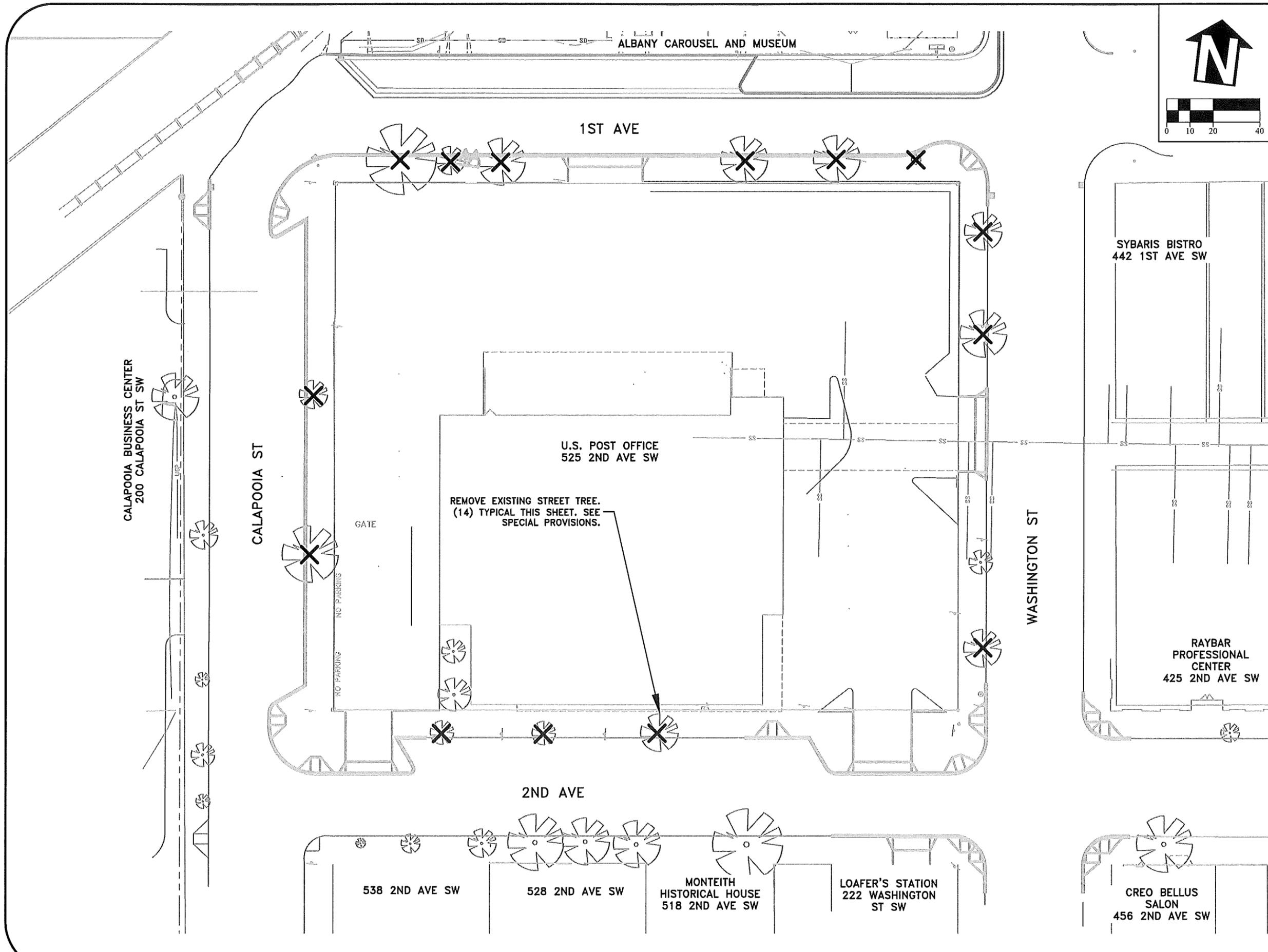
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
WATER AVENUE WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017
SHEET NO. 13 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
TREE REMOVAL PLAN

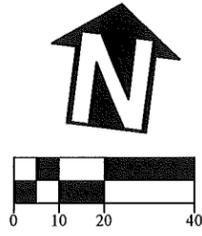
REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE
Christopher L. Cerklewski
 OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017

SHEET NO. 14 OF 21
 PROJECT NO: ST-15-03-A
 FILE: BASE.DWG

ALBANY CAROUSEL AND MUSEUM

1ST AVE



SUMMER
SPRITE
LINDEN

SUMMER
SPRITE
LINDEN

PERSIAN
PERROTIA

PERSIAN
PERROTIA

PERSIAN
PERROTIA

PAPERBARK
MAPLE

PAPERBARK
MAPLE

PAPERBARK
MAPLE

PAPERBARK
MAPLE

PAPERBARK
MAPLE

INSTALL GRANITE BLOCK
IN EXISTING TREE WELL.
SEE DETAILS C AND D
ON SHEET 16. (15)
TYPICAL THIS SHEET.

NOTES:
1. SEE STANDARD DRAWING NO. 210
FOR STREET TREE PLANTING DETAIL.
2. SEE SPECIAL PROVISIONS FOR MORE
INFORMATION ON SELECTED TREES.

U.S. POST OFFICE
525 2ND AVE SW

COLUMNAR
ZELCOVA

COLUMNAR
ZELCOVA

COLUMNAR
ZELCOVA

WASHINGTON ST

AMERICAN
HORNBEAM

RAYBAR
PROFESSIONAL
CENTER
425 2ND AVE SW

2ND AVE

INSTALL 12' X 4' TREE
WELL INTO NEW AND
EXISTING SIDEWALK. (14)
TYPICAL THIS SHEET.

538 2ND AVE SW

528 2ND AVE SW

MONTEITH
HISTORICAL HOUSE
518 2ND AVE SW

LOAFER'S STATION
222 WASHINGTON
ST SW

CREO BELLUS
SALON
456 2ND AVE SW

CALAPOOIA BUSINESS CENTER
200 CALAPOOIA ST SW

CALAPOOIA ST

SYBARIS BISTRO
442 1ST AVE SW

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



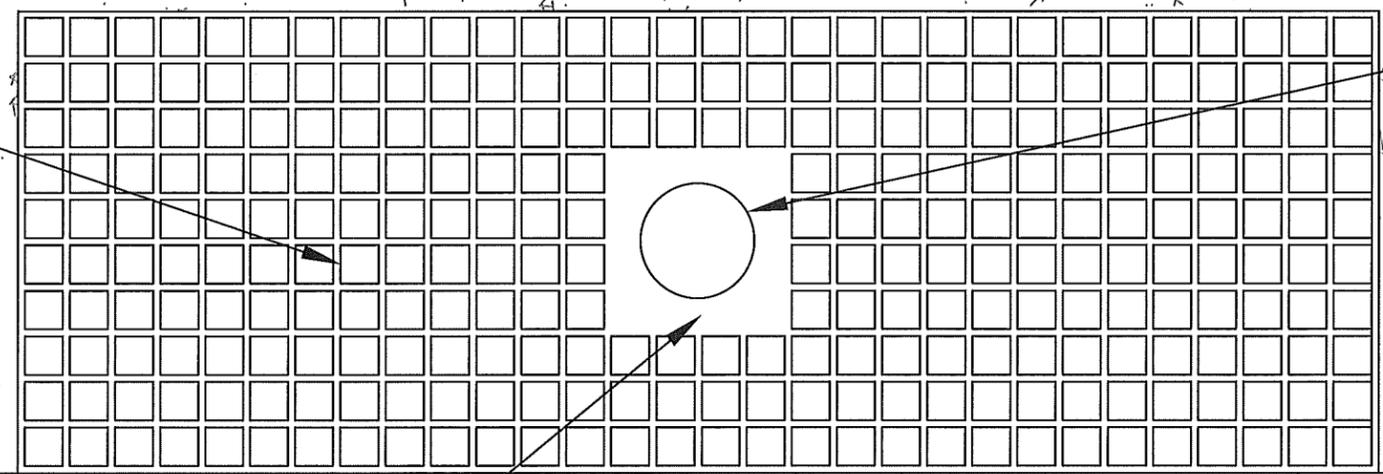
ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
TREE INSTALLATION PLAN



EXPIRATION DATE: 12/31/2017
SHEET NO. 15 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG

DETAIL C: TREE WELL PLAN VIEW
NOT TO SCALE

PLACE 4" X 4" X 3 1/8"
DARK GREY GRANITE
BLOCKS ON SURFACE OF
TREE WELL WITH 3/4"
SAND FILLED GAPS
BETWEEN EACH BLOCK.



NEW STREET TREE
SIDEWALK
FACE OF CURB

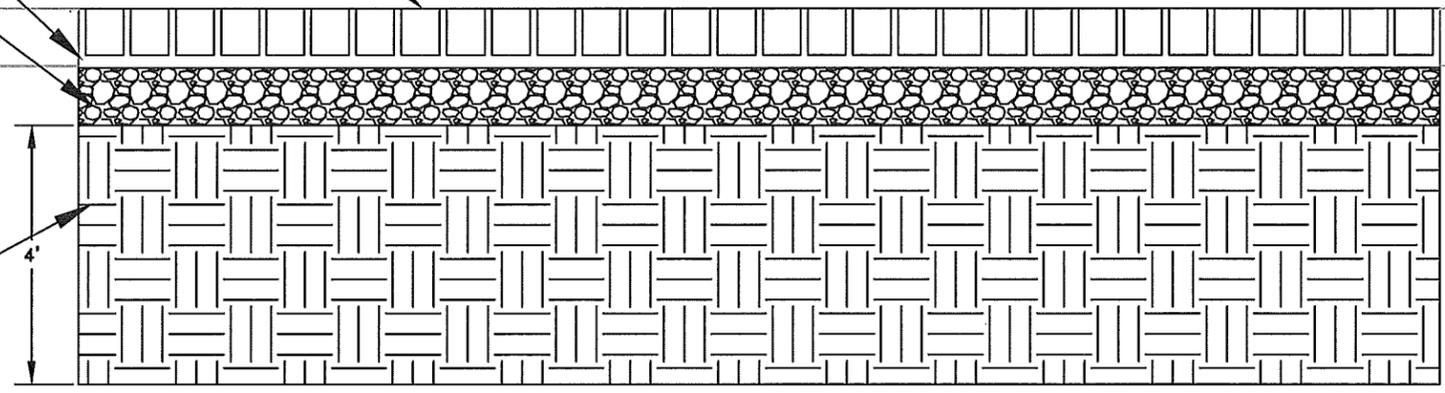
LEAVE OPENING FOR
TREE APPROXIMATELY
1.5' X 1.5' IN SIZE.

DETAIL D: TREE WELL SECTION VIEW
NOT TO SCALE

3/4" SAND
LEVELING LAYER
4" CRUSHED
ROCK LAYER

SURFACE OF GRANITE
BLOCKS 3/4" SAND
FILLED GAPS

REMOVE AND REPLACE
EXISTING TREE WELL
BACKFILL WITH TOPSOIL
TO A DEPTH OF 4'.



SIDEWALK

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
TREE DETAILS

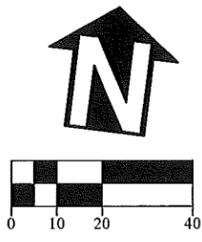
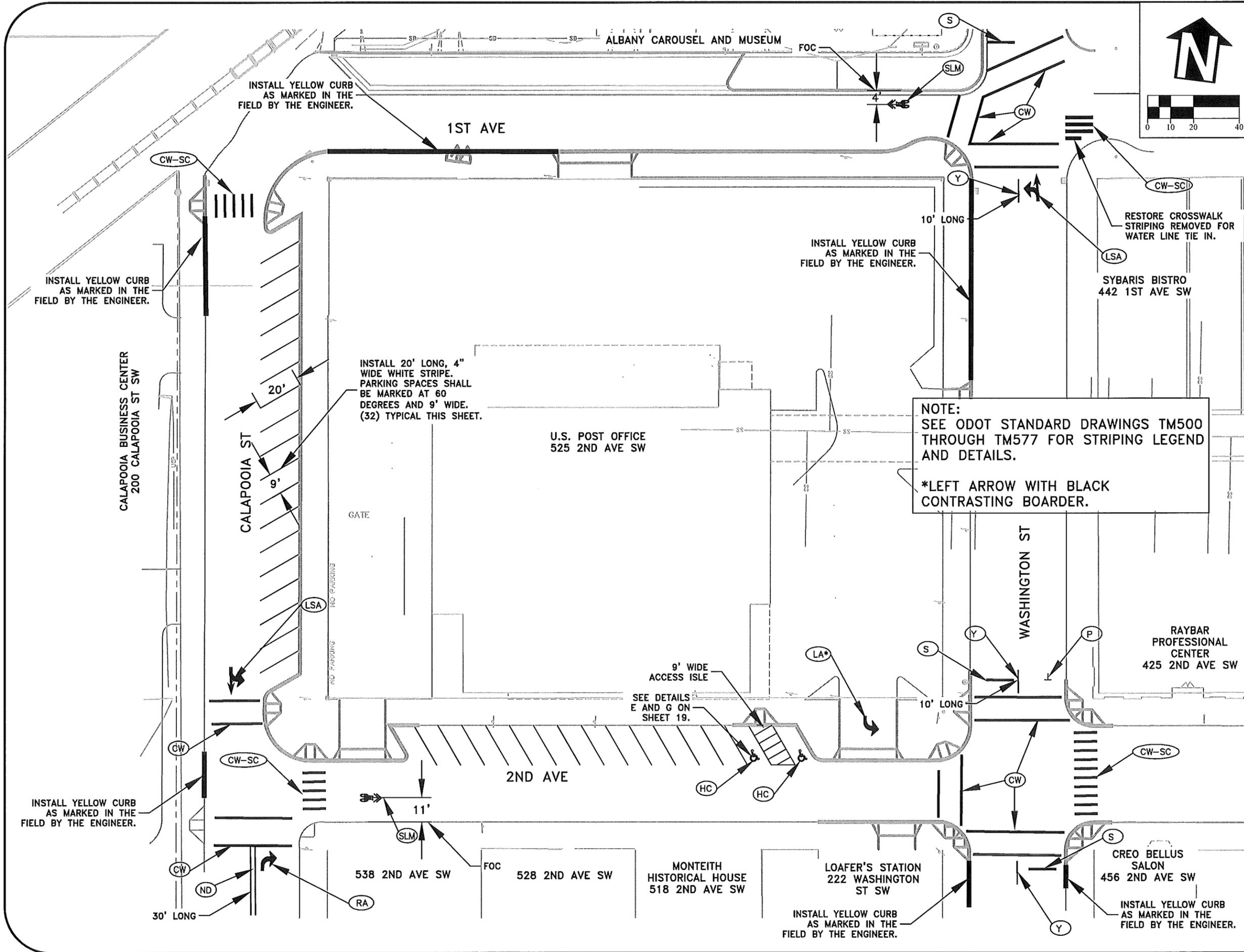


EXPIRATION DATE: 12/31/2017

SHEET NO. 16 OF 21

PROJECT NO: ST-15-03-A

FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
STRIPING PLAN

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017

SHEET NO. 17 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG

NOTE:
SEE ODOT STANDARD DRAWINGS TM500 THROUGH TM577 FOR STRIPING LEGEND AND DETAILS.
*LEFT ARROW WITH BLACK CONTRASTING BORDER.

INSTALL 20' LONG, 4" WIDE WHITE STRIPE. PARKING SPACES SHALL BE MARKED AT 60 DEGREES AND 9' WIDE. (32) TYPICAL THIS SHEET.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

RESTORE CROSSWALK STRIPING REMOVED FOR WATER LINE TIE IN.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

U.S. POST OFFICE
525 2ND AVE SW

RAYBAR PROFESSIONAL CENTER
425 2ND AVE SW

CREO BELLUS SALON
456 2ND AVE SW

LOAFER'S STATION
222 WASHINGTON ST SW

MONTEITH HISTORICAL HOUSE
518 2ND AVE SW

528 2ND AVE SW

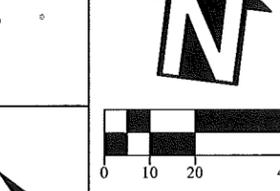
538 2ND AVE SW

CALAPOOIA BUSINESS CENTER
200 CALAPOOIA ST SW

CALAPOOIA ST

WASHINGTON ST

ALBANY CAROUSEL AND MUSEUM



CW-SC

Y

CW-SC

LSA

LSA

LA*

S

P

CW

CW-SC

HC

HC

CW

CW-SC

CW

ND

SLM

RA

FOC

Y

30' LONG

20'

9'

11'

10' LONG

10' LONG

NO PARKING

GATE

SEE DETAILS E AND G ON SHEET 19.

9' WIDE ACCESS ISLE

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

RESTORE CROSSWALK STRIPING REMOVED FOR WATER LINE TIE IN.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

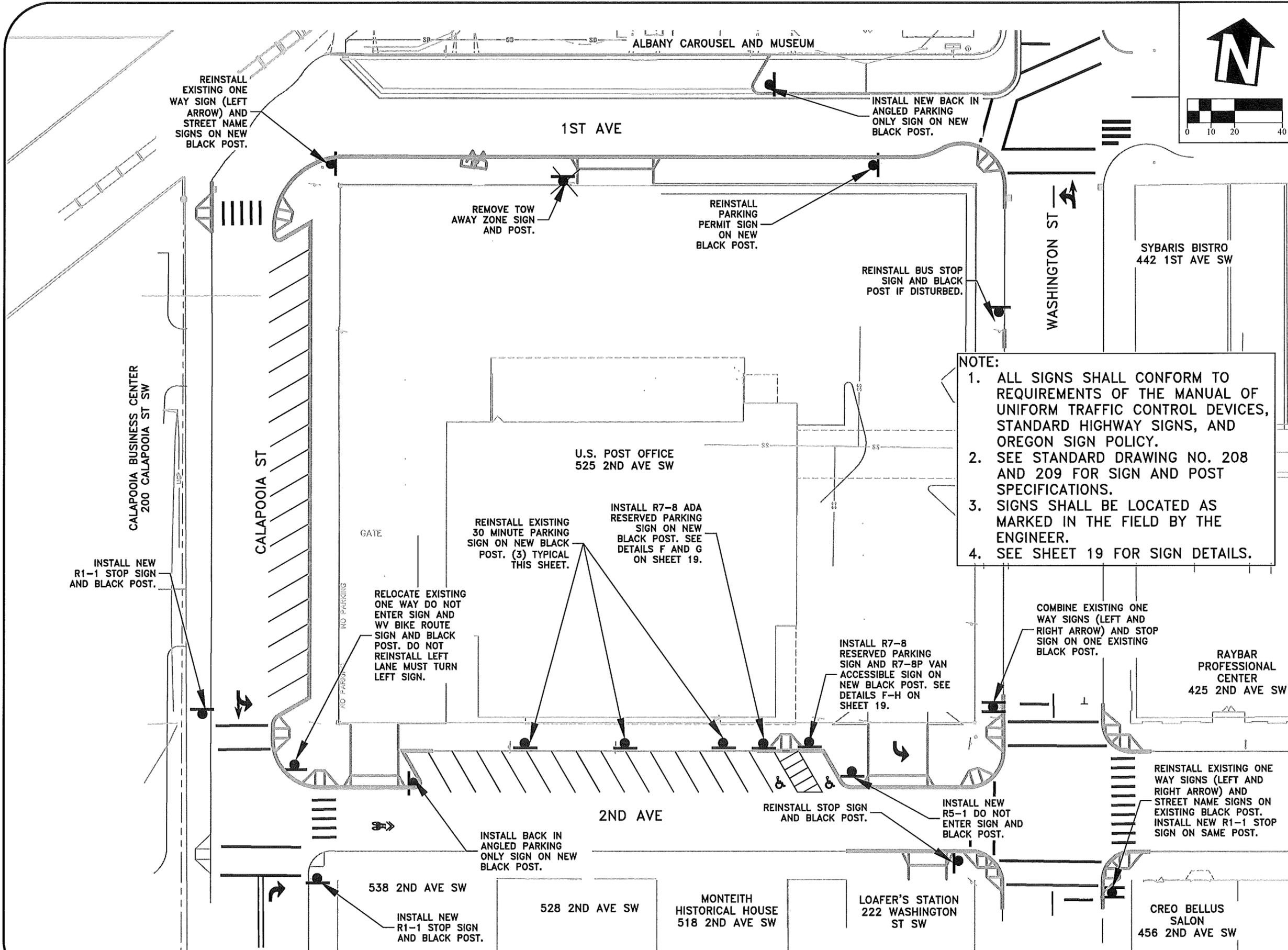
INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL YELLOW CURB AS MARKED IN THE FIELD BY THE ENGINEER.

INSTALL 20' LONG, 4" WIDE WHITE STRIPE. PARKING SPACES SHALL BE MARKED AT 60 DEGREES AND 9' WIDE. (32) TYPICAL THIS SHEET.

NOTE:
SEE ODOT STANDARD DRAWINGS TM500 THROUGH TM577 FOR STRIPING LEGEND AND DETAILS.
*LEFT ARROW WITH BLACK CONTRASTING BORDER.



DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --

**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

**ST-15-03-A, CARA STREET IMPROVEMENTS PHASE 1
SIGNAGE PLAN**

NOTE:

1. ALL SIGNS SHALL CONFORM TO REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, STANDARD HIGHWAY SIGNS, AND OREGON SIGN POLICY.
2. SEE STANDARD DRAWING NO. 208 AND 209 FOR SIGN AND POST SPECIFICATIONS.
3. SIGNS SHALL BE LOCATED AS MARKED IN THE FIELD BY THE ENGINEER.
4. SEE SHEET 19 FOR SIGN DETAILS.

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2017

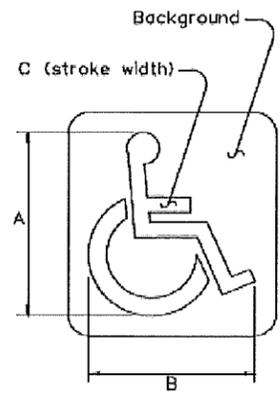
SHEET NO. 18 OF 21

PROJECT NO: ST-15-03-A

FILE: BASE.DWG

DETAIL E: ADA PAVEMENT MARKING
NOT TO SCALE

PAVEMENT MARKING STENCIL



Pavement Marking Background: *Optional: Blue, Retroreflective*
Pavement Marking Stencil: *White, Retroreflective*

LEGEND	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MINIMUM	28	24	3				
STANDARD	41	36	4				

DETAIL F: ADA RESERVED PARKING SIGN
NOT TO SCALE

SIGN DESIGN
SIGN NO. R7-8

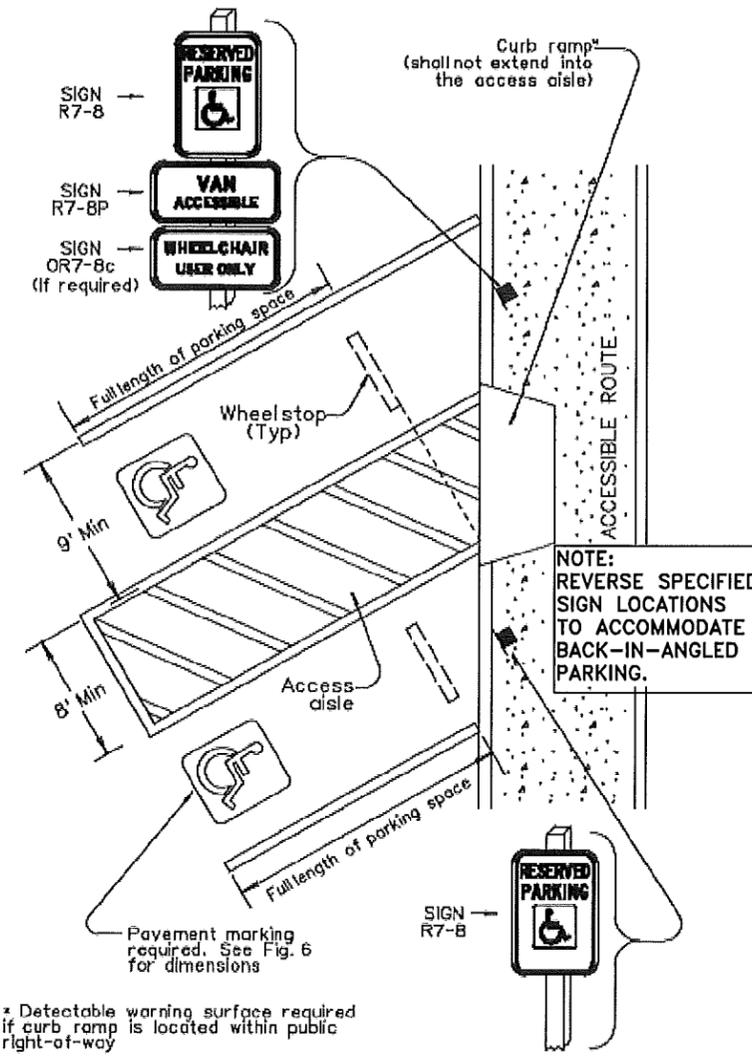


Sign Background: *White, Retroreflective sheeting*
Sign Legend: *Green, Retroreflective sheeting*
Sign Symbol: *White on Blue, Retroreflective sheeting*

Refer to Standard Highway Signs book for details.

DETAIL G: ADA PARKING LAYOUT
NOT TO SCALE

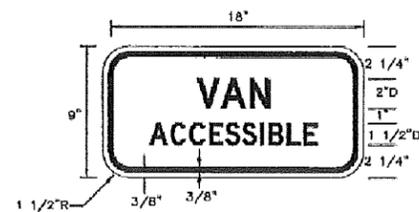
ANGLE-ACCESSIBLE PARKING LAYOUT



* Detectable warning surface required if curb ramp is located within public right-of-way

DETAIL H: ADA VAN ACCESSIBLE SIGN
NOT TO SCALE

SIGN DESIGN
SIGN NO. R7-8P



Sign Background: *White, Retroreflective sheeting*
Sign Legend: *Green, Retroreflective sheeting*

Refer to Standard Highway Signs book for details.

The VAN-ACCESSIBLE sign shall only be used with sign R7-8 to designate the parking spaces that have an access aisle 8 ft or wider

BACK-IN-ANGLED PARKING
NOT TO SCALE



CUSTOM
18"X24"
3" TYPE C FONT
GREEN LEGEND
WHITE BACKGROUND

STOP
NOT TO SCALE



RI-1
30"X30"

DO NOT ENTER
NOT TO SCALE



R5-1
30"X30"

DESIGNED: L. SCHUMACHER
DRAWN: L. SCHUMACHER
CHECKED: C. CERKLEWSKI
DATE: 11/8/2016

REVISIONS
NO: BY: DATE:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
STRIPE AND SIGN DETAILS



EXPIRATION DATE: 12/31/2017

SHEET NO. 19 OF 21

PROJECT NO: ST-15-03-A

FILE: BASE.DWG

HORIZONTAL CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	5.23	5.00	59.97	S22° 55' 48"W	5.00
C2	31.44	20.00	90.07	S52° 05' 15"E	28.30
C3	4.20	2.00	120.22	N22° 46' 12"E	3.47
C4	5.22	5.00	59.81	S67° 14' 34"E	4.99
C5	23.85	15.00	91.06	N37° 19' 00"E	21.41
C6	18.94	12.00	90.45	S52° 21' 59"E	17.04
C7	18.01	14.00	73.71	N50° 45' 22"W	16.79
C8	18.86	12.00	90.04	S37° 53' 47"W	16.98
C9	3.97	2.00	113.63	S60° 20' 23"E	3.35
C10	47.22	30.00	90.19	S32° 18' 40"W	42.50
C11	11.67	25.00	26.73	N67° 57' 25"E	11.56

CURVE STATIONING AND ELEVATION DATA				
CURVE #	START STATION	START TFOC ELEV	END STATION	END TFOC ELEV
C1	B2+38.53 R5.54	215.70	B2+42.86 R8.03	215.56
C2	A1+38.53 L25.83	215.76	A1+58.54 L5.81	215.78
C3	A1+98.53 L5.82	215.23	A2+00.26 L8.83	215.11
C4	A3+77.60 L8.38	212.58	A3+81.92 L5.89	212.58
C5	A4+31.15 L5.92	212.10	A4+46.14 L21.22	211.16
C6	A4+87.97 L32.85	211.13	A5+00.07 L20.86	211.08
C7	A4+34.12 R20.81	211.19	A4+45.71 R32.97	210.86
C8	A4+87.88 R33.00	211.37	A4+99.88 R20.99	211.35
C9	B4+41.36 R8.08	211.27	B4+43.36 R5.39	211.18
C10	B4+43.36 R5.39	211.18	B4+76.24 R32.31	210.01
C11	A4+34.12 R20.81	211.19	A4+45.71 R32.97	210.86
C12	A4+87.92 R39.40	211.42	A4+86.05 R34.98	211.04

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 11/8/2016	DATE: --
	DATE: --
	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

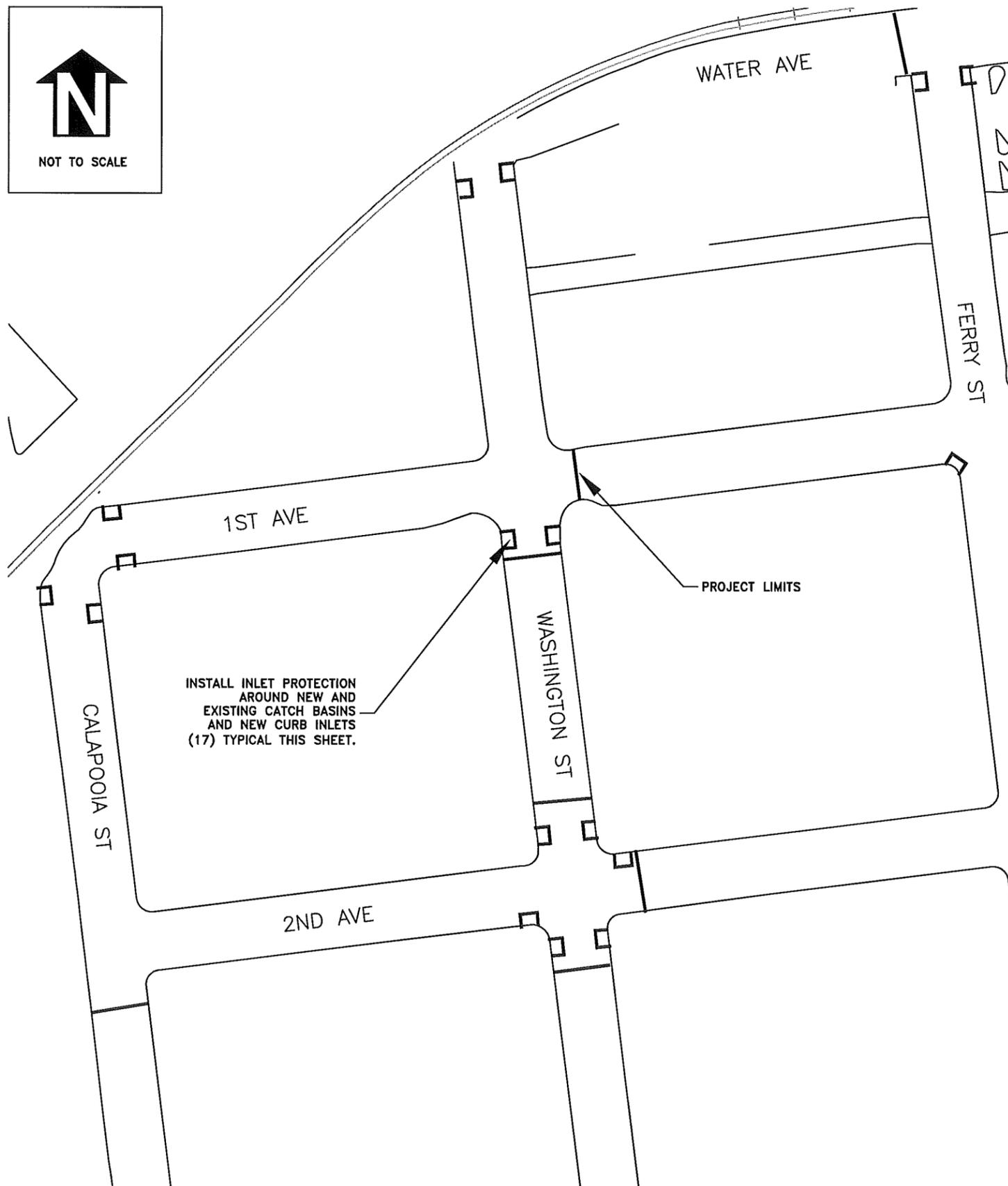
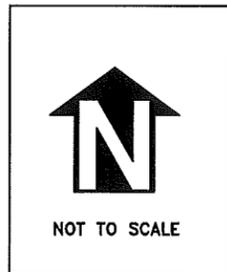


ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
HORIZONTAL CURVE TABLE

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerklewski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

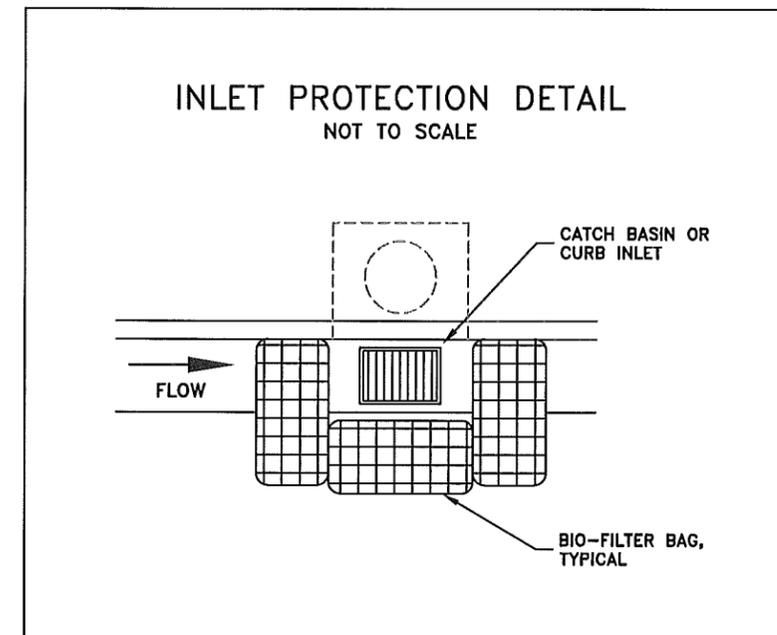
EXPIRATION DATE: 12/31/2017

SHEET NO. 20 OF 21
PROJECT NO: ST-15-03-A
FILE: BASE.DWG



GENERAL EROSION & SEDIMENT CONTROL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF ALBANY EPSC MANUAL. THE CURRENT VERSION OF THE CITY OF ALBANY EPSC MANUAL CAN BE FOUND ON THE CITY'S WEBSITE AT WWW.CITYOFALBANY.NET.
2. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL SHALL BE IN PLACE BEFORE EXISTING GROUND SURFACE IS DISTURBED AND SHALL 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.
3. SWEEP ALL CONCRETE GUTTERS AND VACUUM SWEEP UNDISTURBED PAVEMENT WITHIN PROJECT LIMITS AND ALL SIDE STREETS WITH CONSTRUCTION TRAFFIC AT THE END OF EACH WORKING DAY WHEN GROUND DISTURBING ACTIVITIES ARE TAKING PLACE AND AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION AND MEET ALL STATE AND FEDERAL REGULATIONS AND APPROVALS.
5. THE EPSC MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES MUST BE UPGRADED AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. CHANGES TO THE EPSC MUST ALSO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
6. SAWCUT SLURRY SHALL BE VACUUMED AND CLEANED FROM THE STREET SURFACE AT THE TIME SAWCUTTING IS PERFORMED.
7. SEDIMENT MUST BE REMOVED FROM BEHIND BIO BAGS AND OTHER BARRIERS WHEN IT HAS REACHED A HEIGHT 2-INCHES AND BEFORE BMP REMOVAL.
8. VACUUMING OR DRY SWEEPING SHALL BE USED TO CLEAN UP RELEASED SEDIMENT.
9. SEDIMENTS AND OTHER POLLUTANTS ARE PROHIBITED FROM ENTERING THE STORM DRAIN SYSTEM.



DESIGNED: L. SCHUMACHER
 DRAWN: L. SCHUMACHER
 CHECKED: C. CERKLEWSKI
 DATE: 11/8/2016

REVISIONS
 NO: ---
 BY: ---
 DATE: ---

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



ST-15-03-A, CARA STREET IMPROVEMENTS PHASE I
 EROSION PREVENTION AND SEDIMENT CONTROL PLAN



EXPIRATION DATE: 12/31/2017

SHEET NO. 21 OF 21

PROJECT NO: ST-15-03-A

FILE: FILENAME.DWG