

CITY OF ALBANY

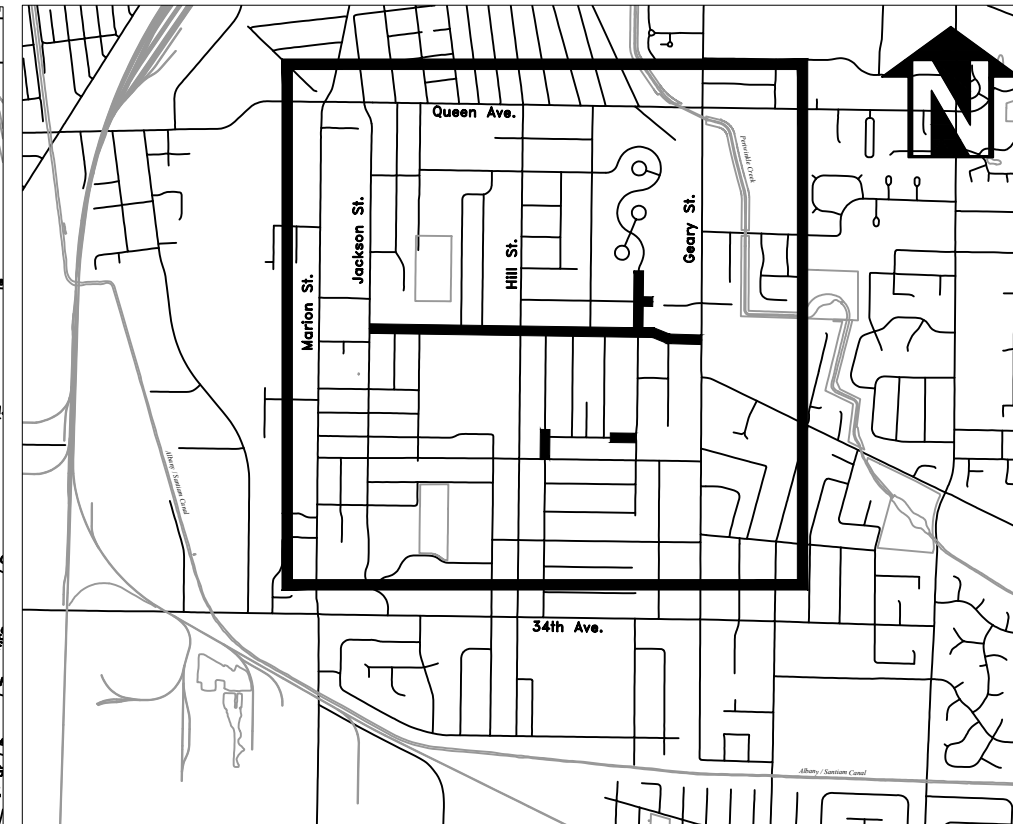
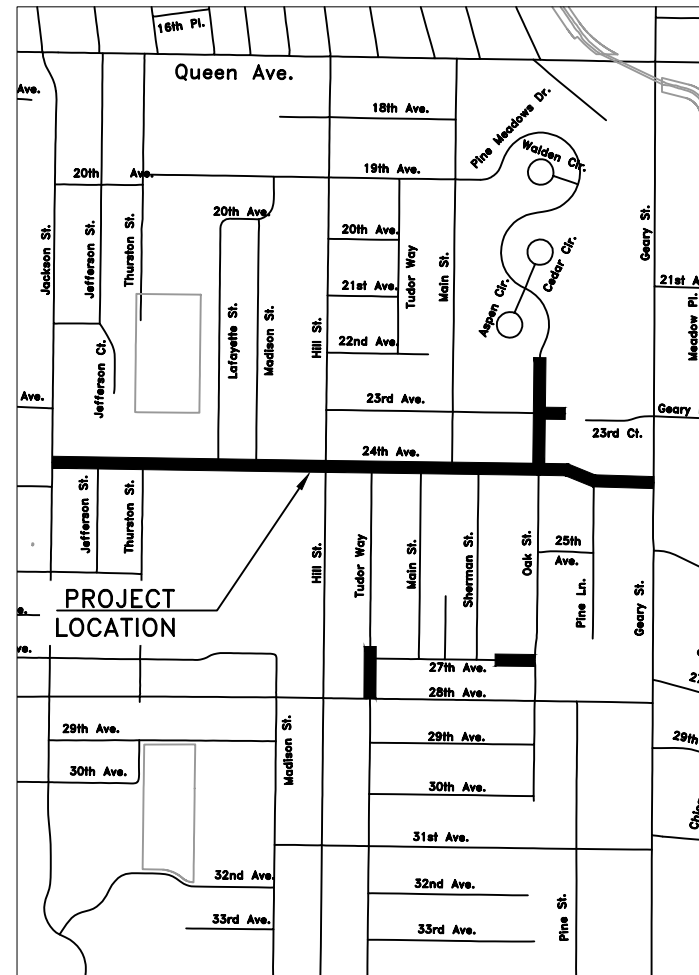
ST-21-01, 24TH AVENUE REHABILITATION

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- SHEET NO. 60, EROSION PREVENTION AND SEDIMENT CONTROL DETAILS

LEGEND

	EXISTING WATER SERVICE		EXISTING POWER POLE
	RECONNECT EXISTING METER		EXISTING STORM MANHOLE
	INSTALL NEW SERVICE WITH NO METER		NEW CURB INLET
	REPLACE EXISTING METER WITH NEW METER		NEW CATCH BASIN
	AIR RELEASE VALVE		EXISTING CURB INLET
	EXISTING WATER VALVE		EXISTING CATCH BASIN
	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 N DUCT		REDUCER
	EXISTING POWER LINES		NEW STORM DRAIN MANHOLE
	NEW WATER LINE		NEW STORM DRAIN MAINLINE CLEANOUT
	NEW STORM LINE		



Vicinity Map
Not to Scale

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.

DESIGNED: C. CERKLEWSKI
DRAWN: C. CERKLEWSKI
CHECKED: S. BELCASTRO
DATE: 1/11/2021

REVISIONS	
NO:	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION



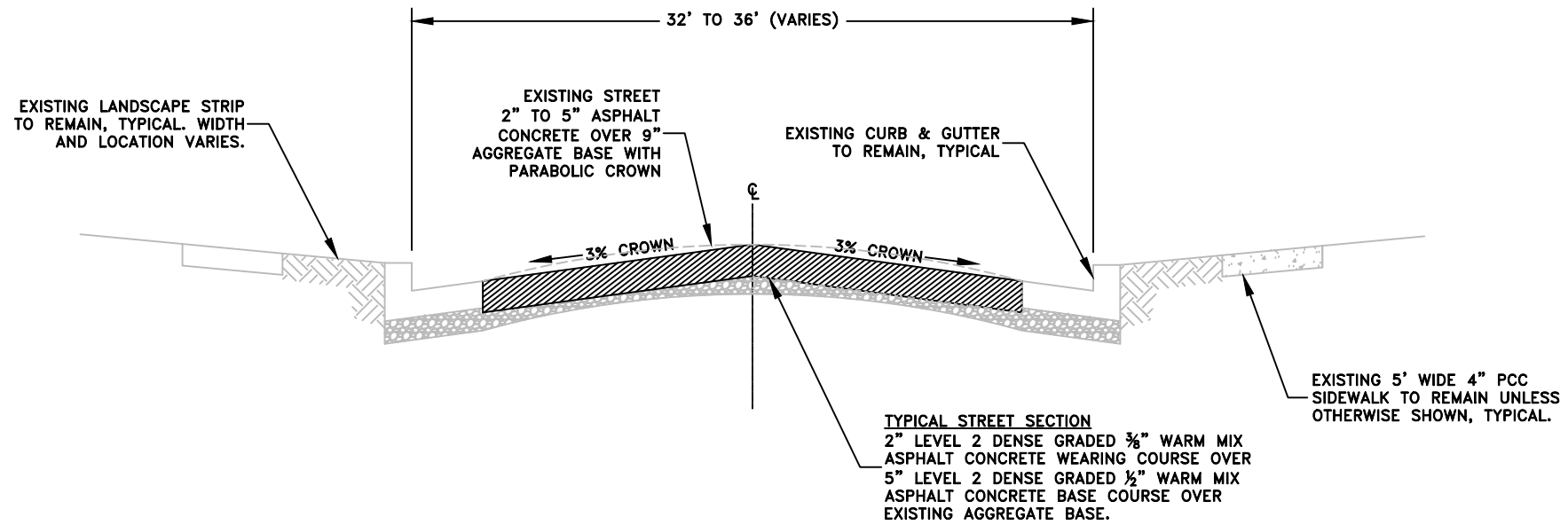
EXPIRATION DATE: 12/31/2021

SHEET NO. 1 OF 60

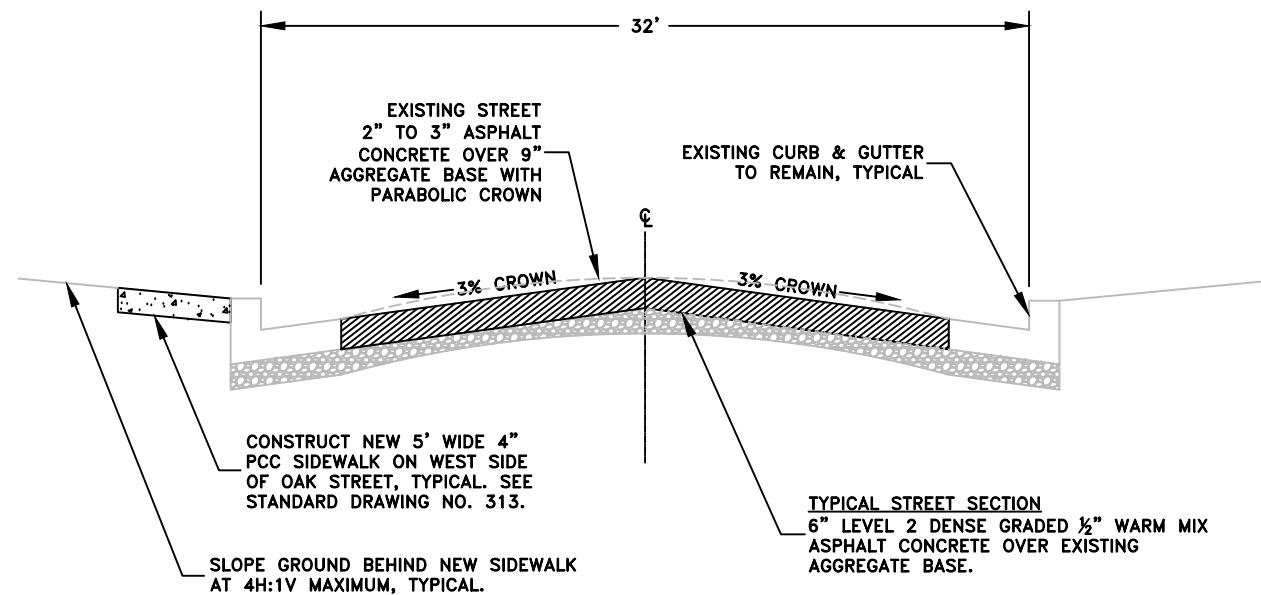
PROJECT NO: ST-21-01

FILE: COVER.DWG

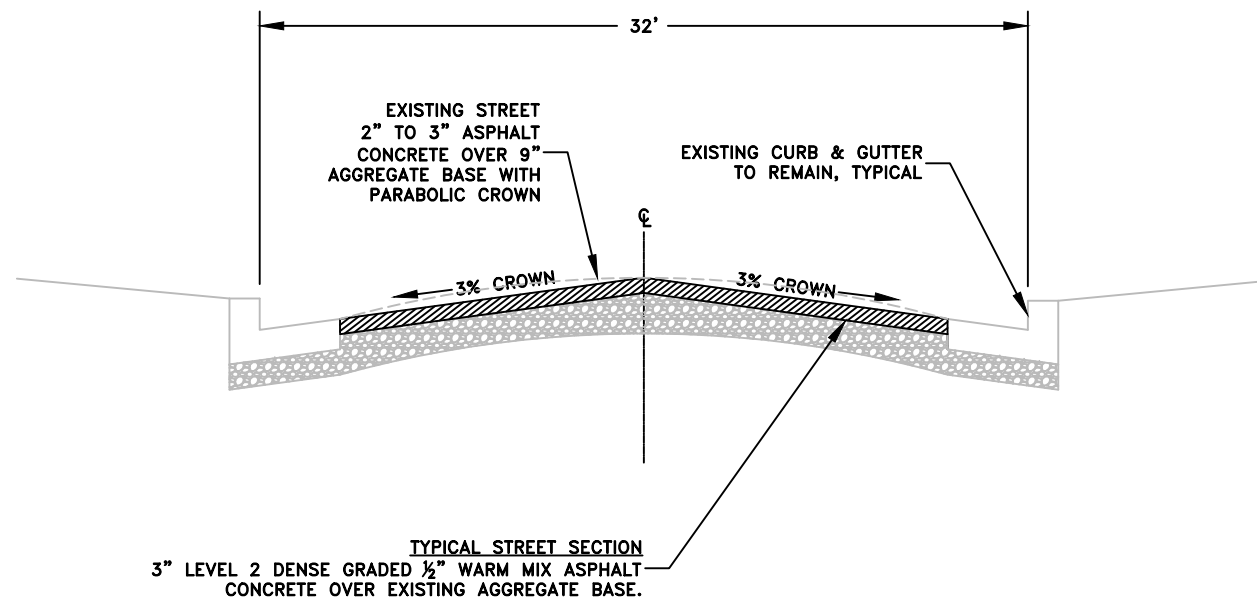
24TH AVENUE: JACKSON STREET TO GEARY STREET
TYPICAL STREET CROSS SECTION
 (NOT TO SCALE)



OAK STREET: 24TH AVENUE TO PINE MEADOWS DRIVE
TYPICAL STREET CROSS SECTION
 (NOT TO SCALE)



23RD AVENUE: OAK STREET TO EAST DEAD END
TYPICAL STREET CROSS SECTION
 (NOT TO SCALE)



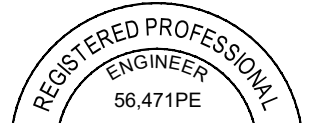
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ST-21-01, 24TH AVENUE REHABILITATION
TYPICAL STREET SECTION



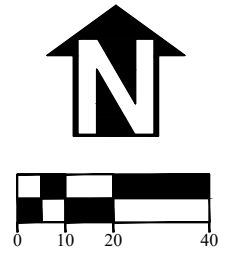
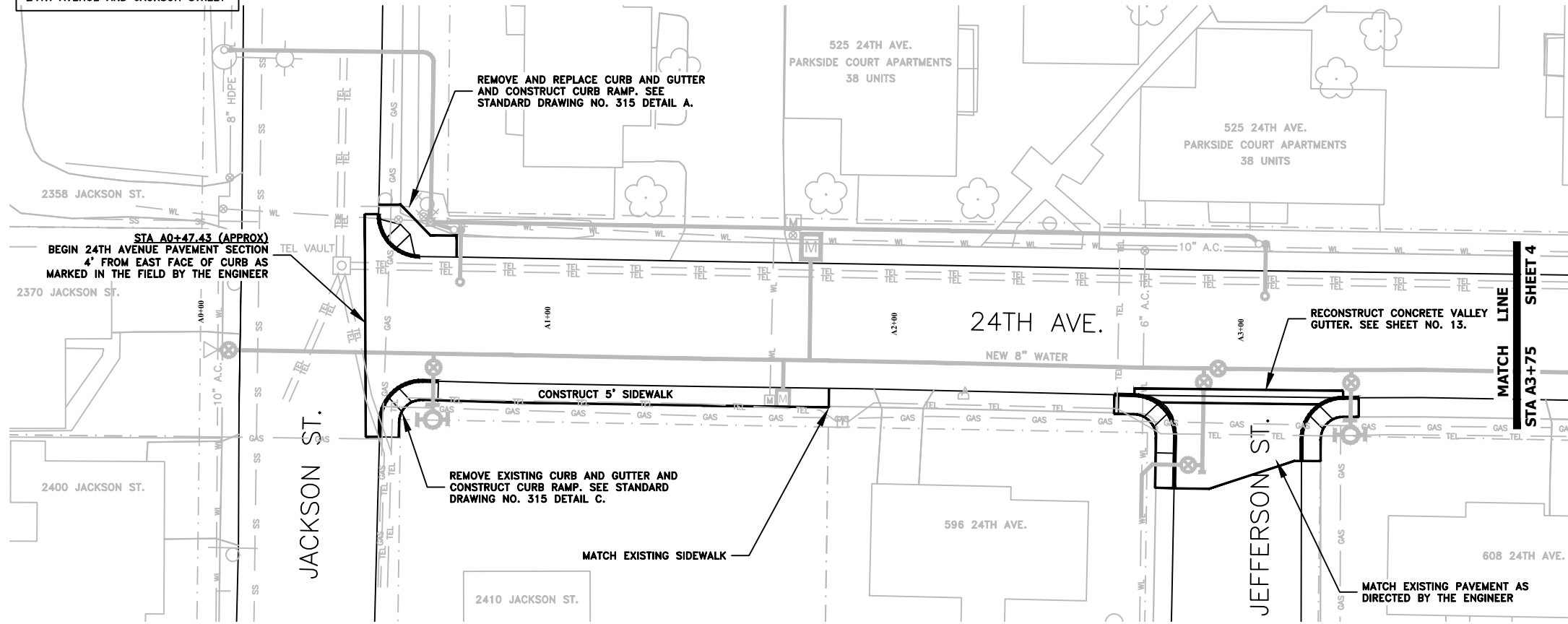
EXPIRATION DATE: 12/31/2021

SHEET NO. 2 OF 60

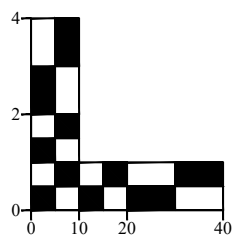
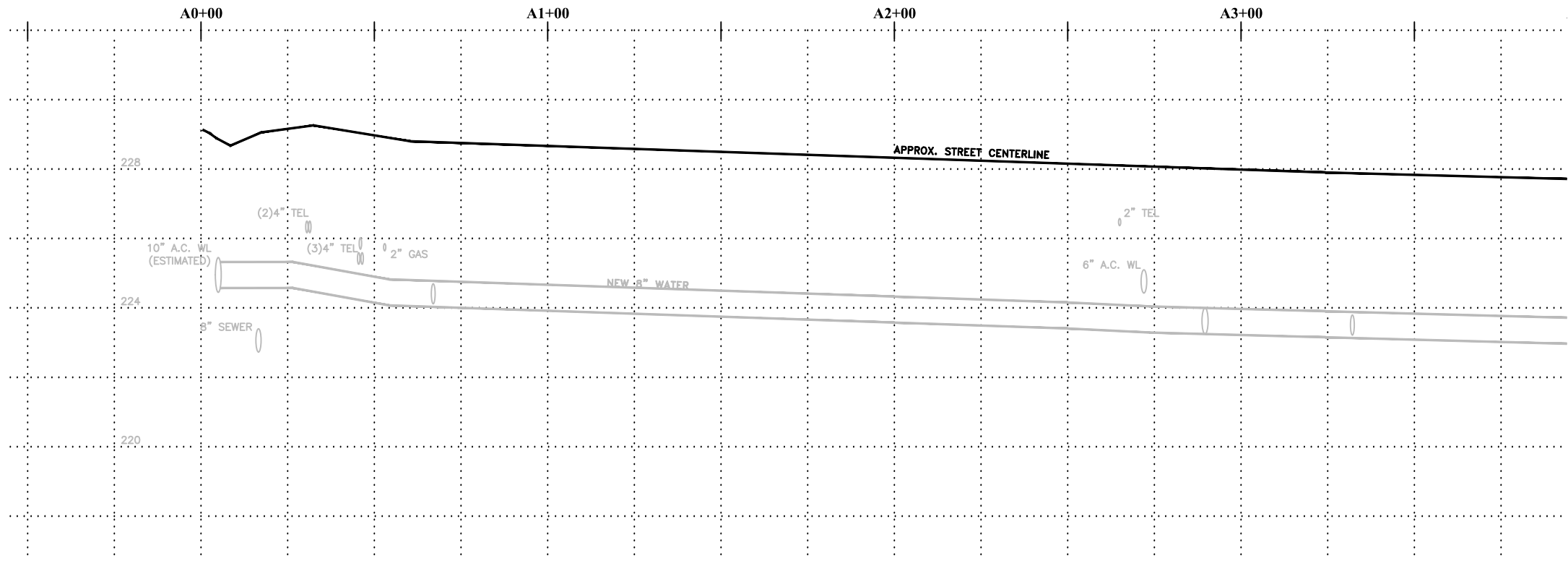
PROJECT NO: ST-21-01

FILE: BASE.DWG

NOTE: SEE SHEET NO. 16 FOR
ADDITIONAL INTERSECTION DETAILS AT
24TH AVENUE AND JACKSON STREET



NOTE: SEE SHEET NO. 13 FOR
ADDITIONAL INTERSECTION DETAILS AT
24TH AVENUE AND JEFFERSON STREET

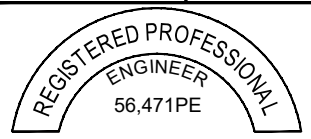


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ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

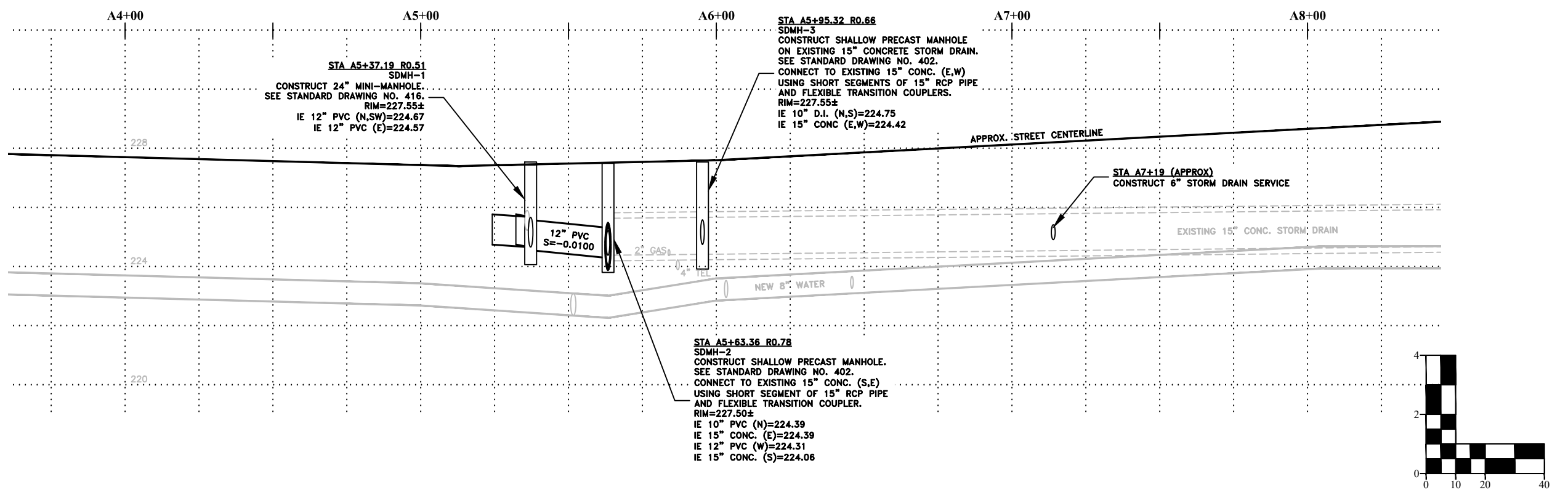
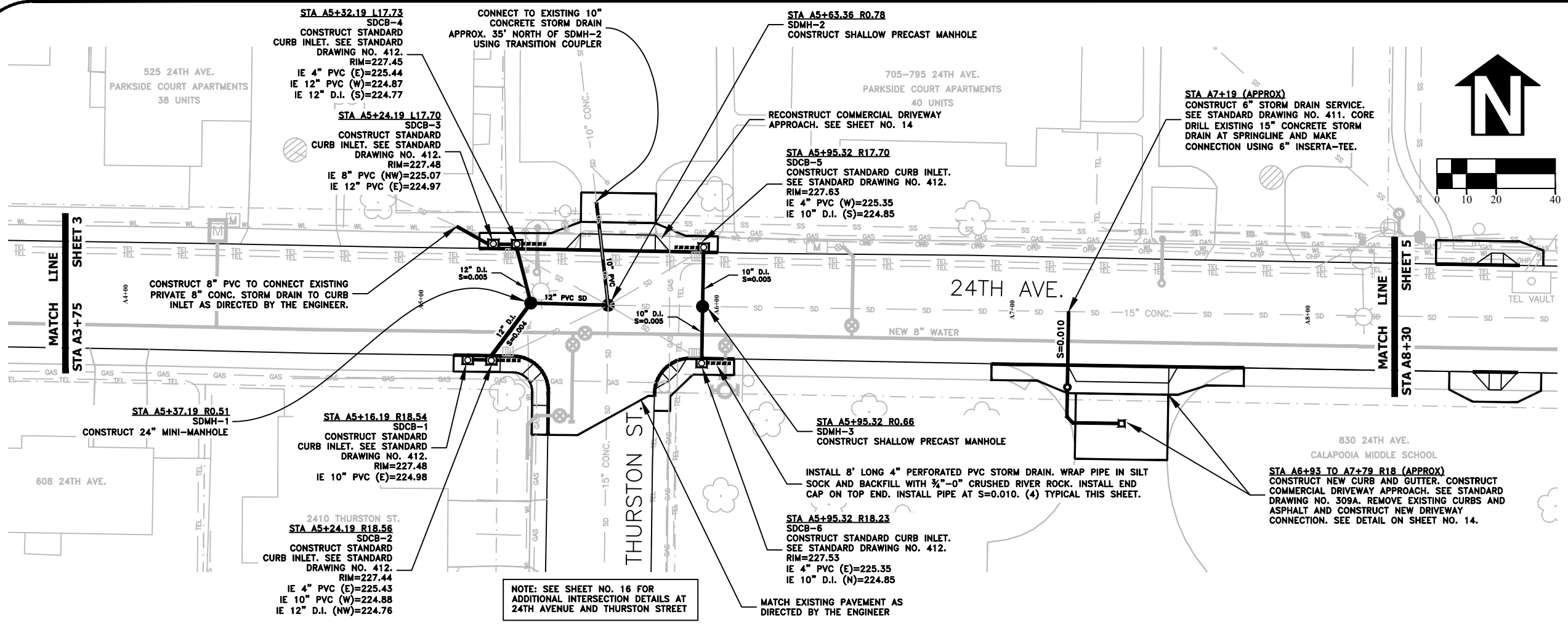


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SHEET NO. 3 OF 60

PROJECT NO: ST-21-01

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DATE: 1/11/2021

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ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
56,471PE

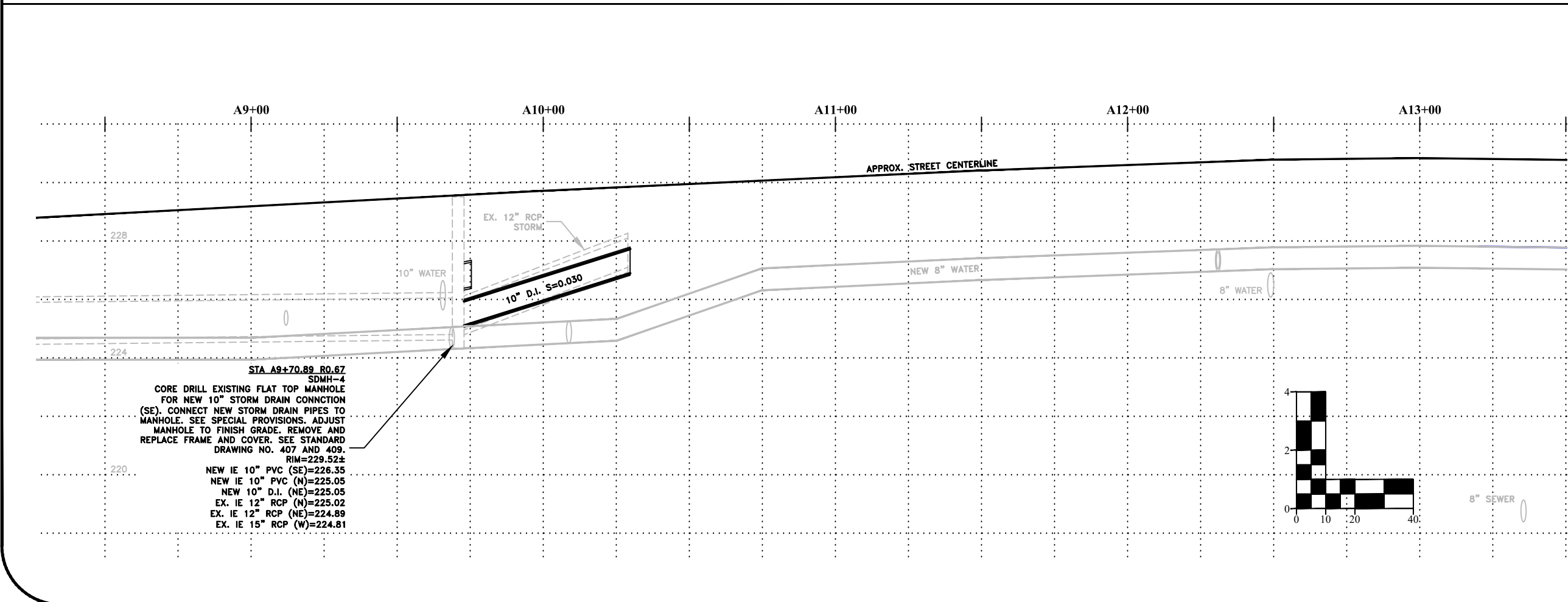
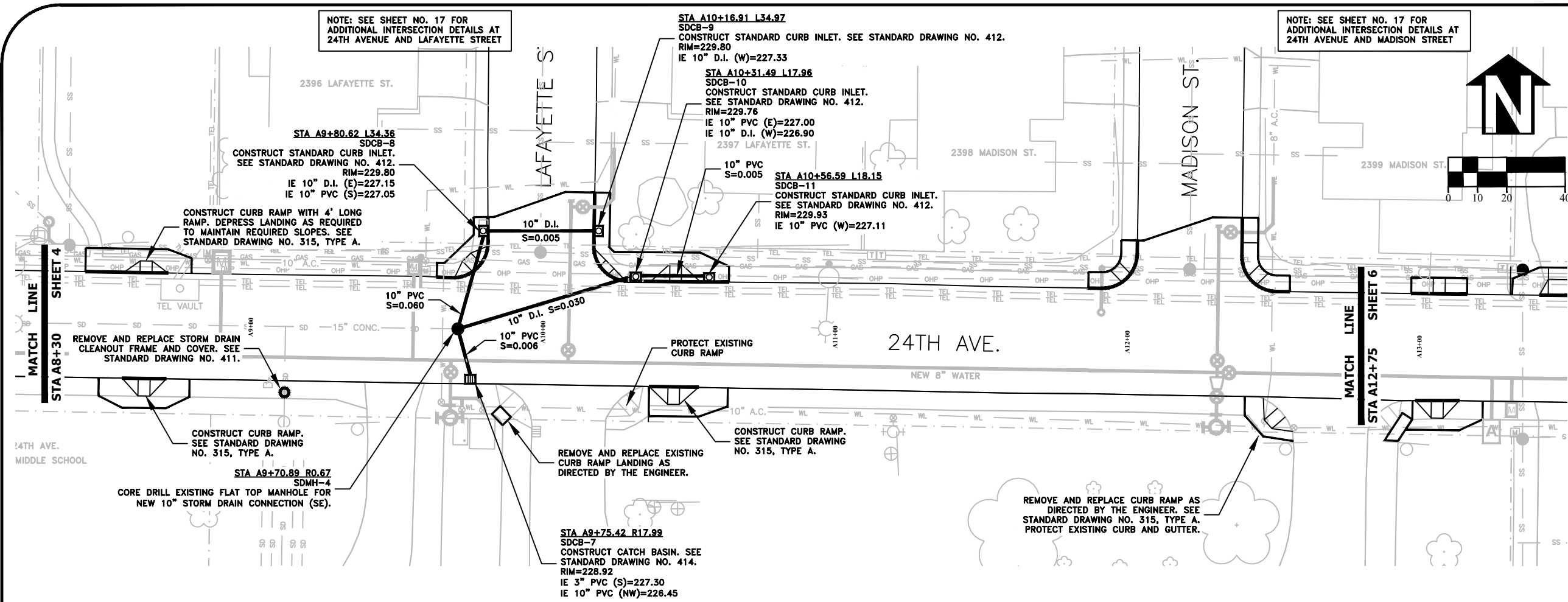
CHRISTOPHER L. CERKLEWSKI
OREGON
JULY 9, 2002

EXPIRATION DATE: 12/31/2021

SHEET NO. 4 OF 60

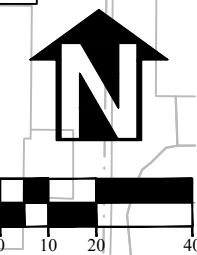
PROJECT NO: ST-21-01

FILE: BASE.DWG



NOTE: SEE SHEET NO. 17 FOR ADDITIONAL INTERSECTION DETAILS AT 24TH AVENUE AND MADISON STREET

NOTE: SEE SHEET NO. 17 FOR ADDITIONAL INTERSECTION DETAILS AT 24TH AVENUE AND LAFAYETTE STREET



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DATE: 1/11/2021	DATE:

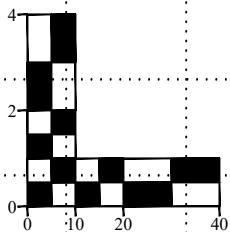
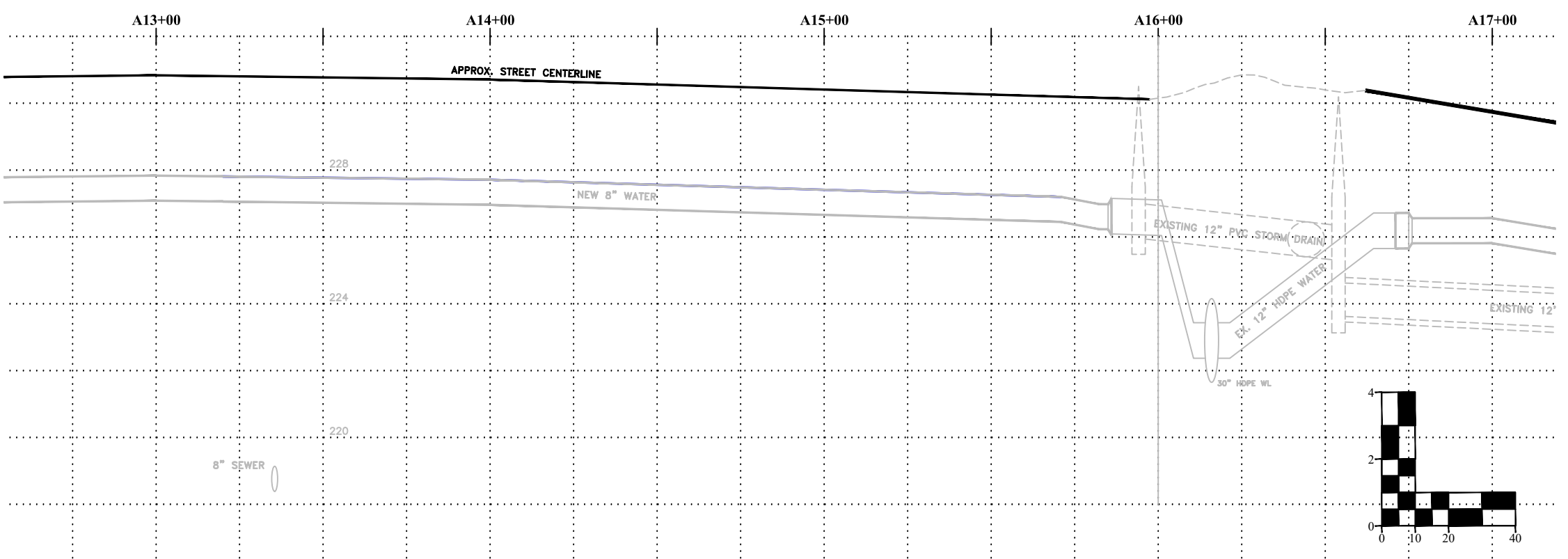
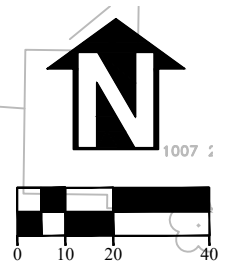
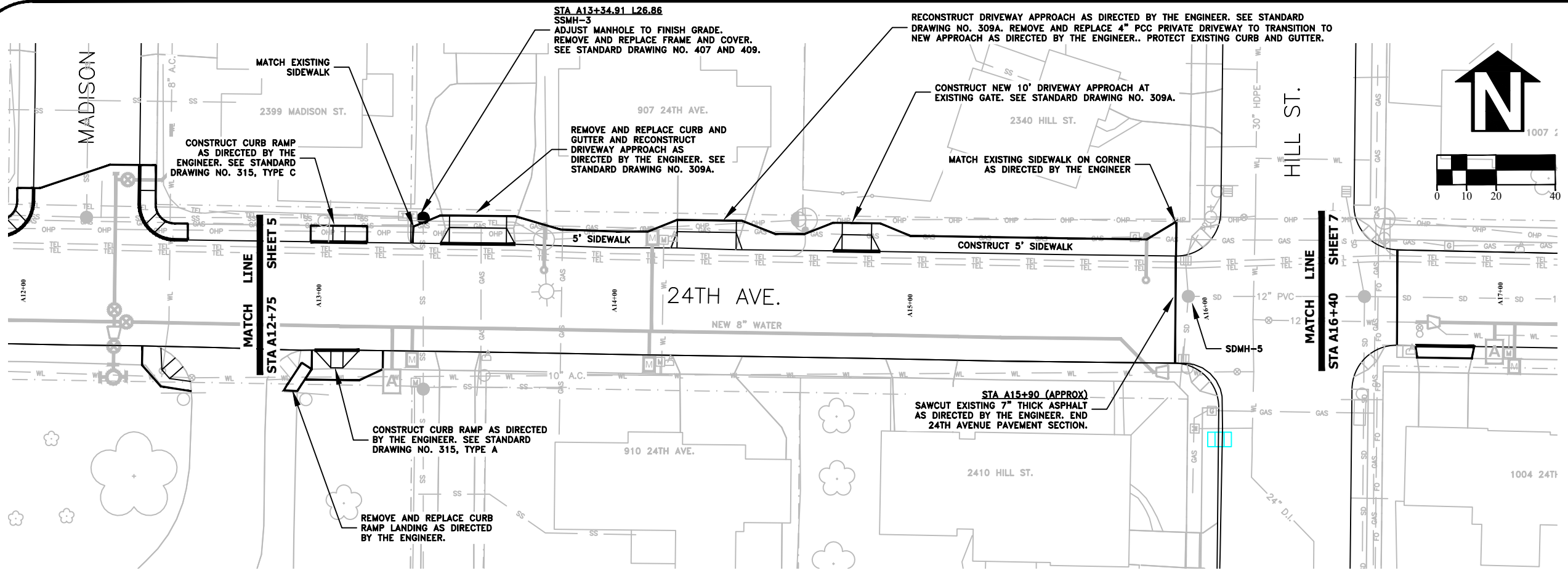
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ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION



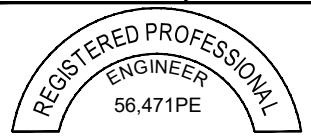
EXPIRATION DATE: 12/31/2021
SHEET NO. 5 OF 60
PROJECT NO: ST-21-01
FILE: BASE.DWG



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DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

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ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

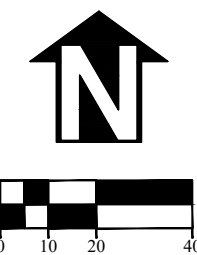
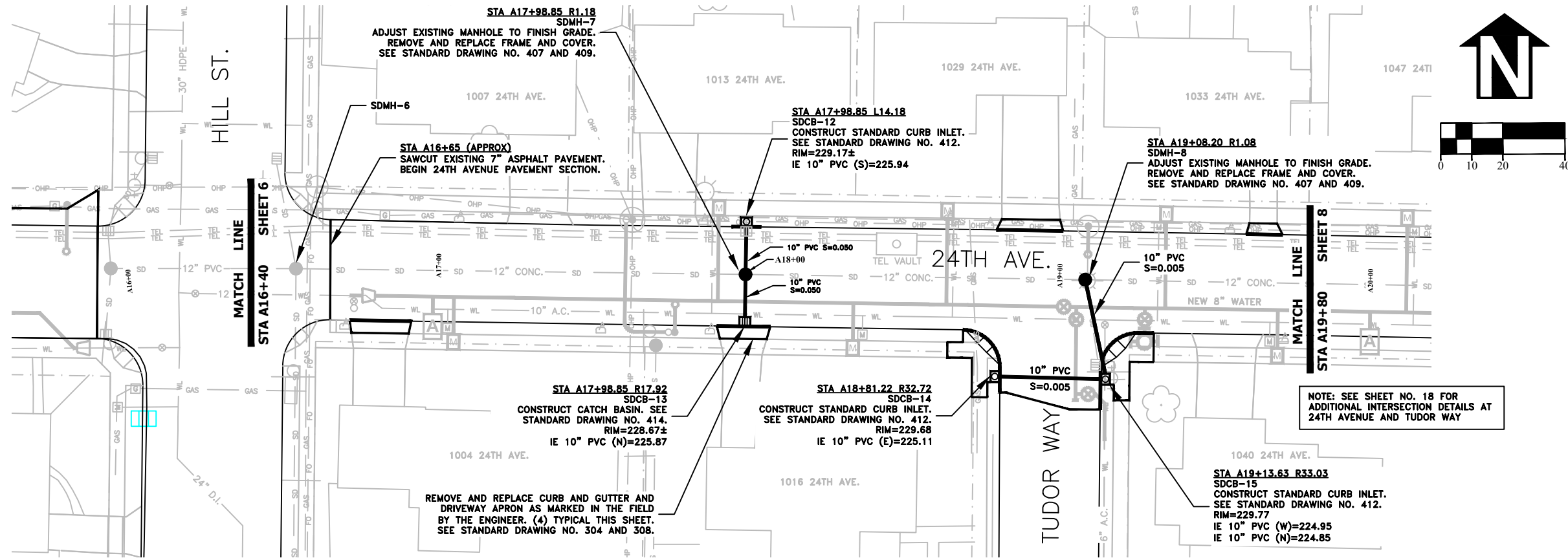


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SHEET NO. 6 OF 60

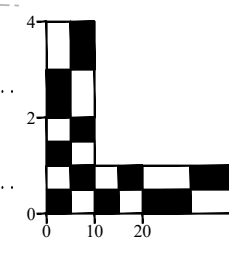
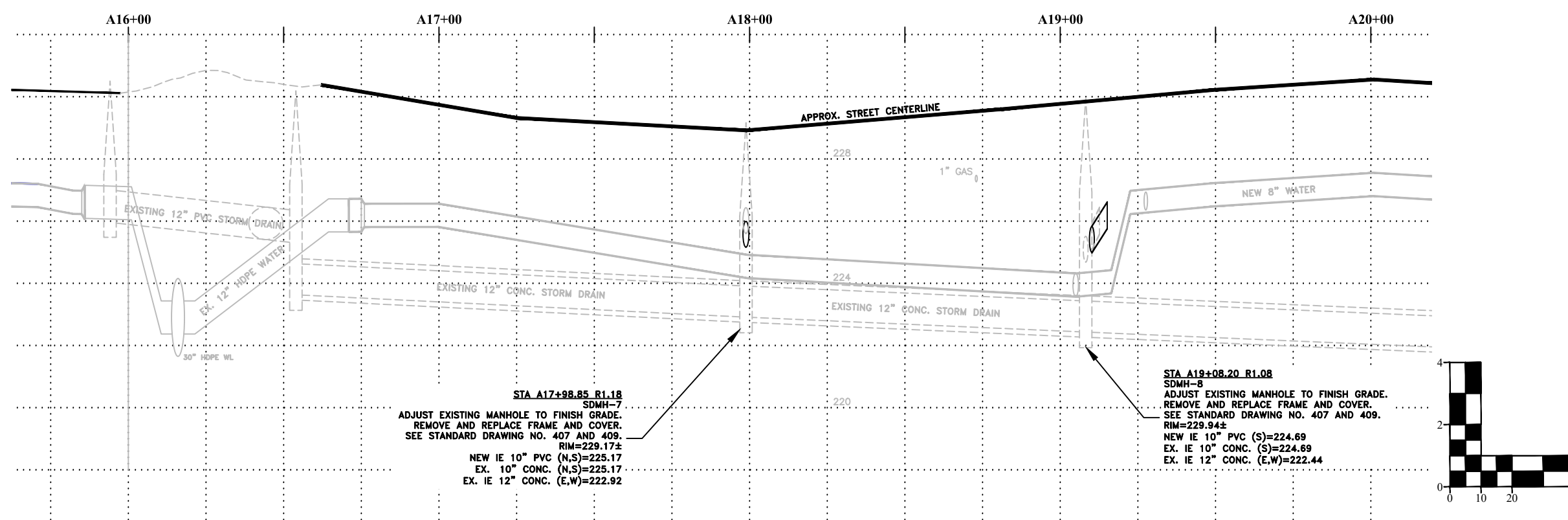
PROJECT NO: ST-21-01

FILE: BASE.DWG




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DRAWN: C. CERKLEWSKI	NO: ---
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DATE: 1/11/2021	DATE: ---

NOTE: SEE SHEET NO. 18 FOR ADDITIONAL INTERSECTION DETAILS AT 24TH AVENUE AND TUDOR WAY



**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION**

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 7 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

STA A17+98.85 R1.18
SDMH-7
ADJUST EXISTING MANHOLE TO FINISH GRADE.
REMOVE AND REPLACE FRAME AND COVER.
SEE STANDARD DRAWING NO. 407 AND 409.

STA A16+65 (APPROX)
SAWCUT EXISTING 7" ASPHALT PAVEMENT.
BEGIN 24TH AVENUE PAVEMENT SECTION.

STA A17+98.85 L14.18
SDCB-12
CONSTRUCT STANDARD CURB INLET.
SEE STANDARD DRAWING NO. 412.
RIM=229.17±
IE 10" PVC (S)=225.94

STA A19+08.20 R1.08
SDMH-8
ADJUST EXISTING MANHOLE TO FINISH GRADE.
REMOVE AND REPLACE FRAME AND COVER.
SEE STANDARD DRAWING NO. 407 AND 409.

STA A17+98.85 R17.92
SDCB-13
CONSTRUCT CATCH BASIN. SEE
STANDARD DRAWING NO. 414.
RIM=228.67±
IE 10" PVC (N)=225.87

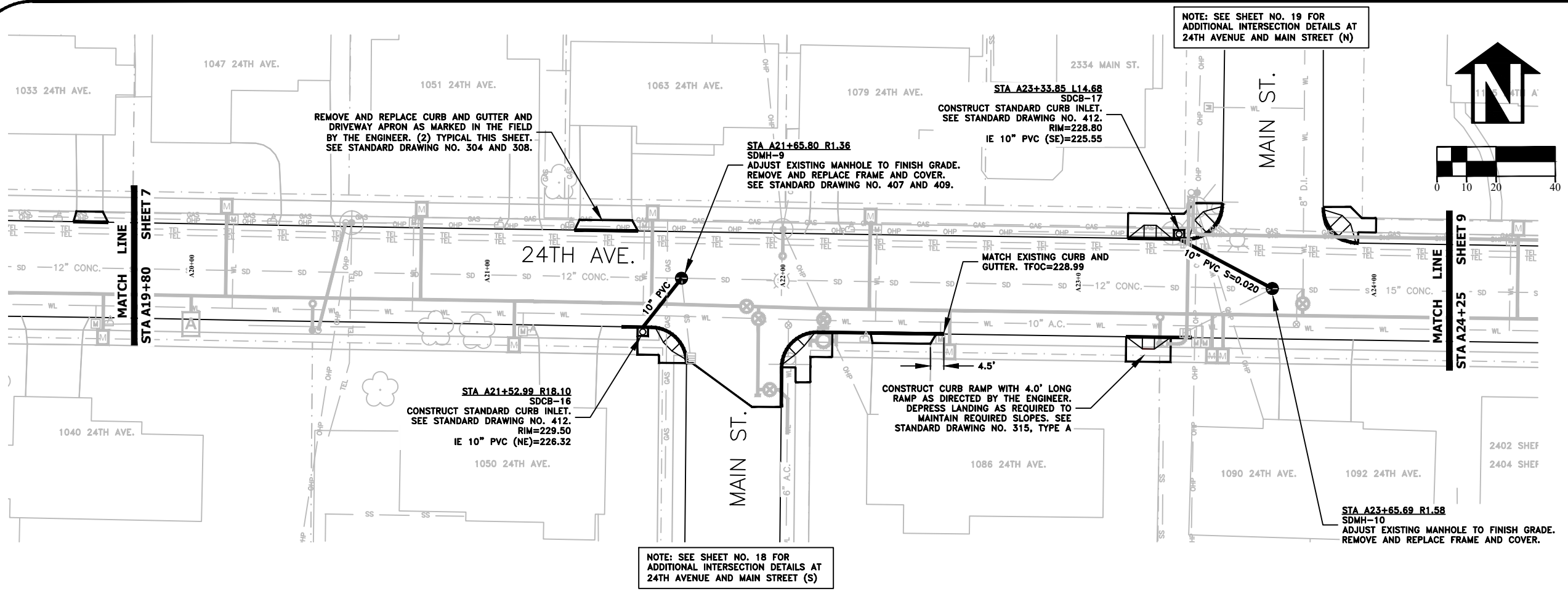
STA A18+81.22 R32.72
SDCB-14
CONSTRUCT STANDARD CURB INLET.
SEE STANDARD DRAWING NO. 412.
RIM=229.68
IE 10" PVC (E)=225.11

REMOVE AND REPLACE CURB AND GUTTER AND
DRIVEWAY APRON AS MARKED IN THE FIELD
BY THE ENGINEER. (4) TYPICAL THIS SHEET.
SEE STANDARD DRAWING NO. 304 AND 308.

STA A19+13.63 R33.03
SDCB-15
CONSTRUCT STANDARD CURB INLET.
SEE STANDARD DRAWING NO. 412.
RIM=229.77
IE 10" PVC (W)=224.95
IE 10" PVC (N)=224.85

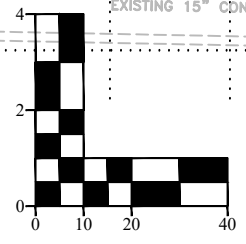
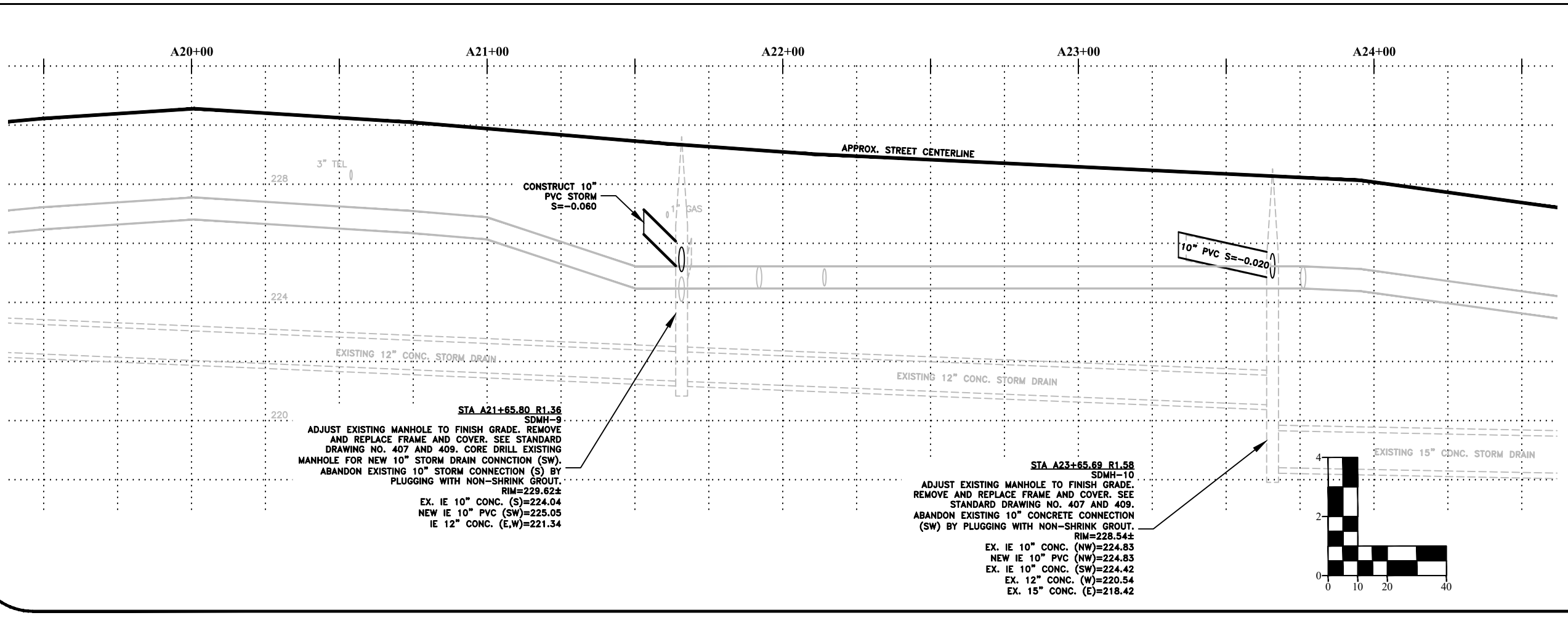
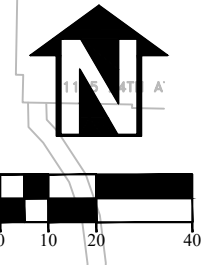
STA A17+98.85 R1.18
SDMH-7
ADJUST EXISTING MANHOLE TO FINISH GRADE.
REMOVE AND REPLACE FRAME AND COVER.
SEE STANDARD DRAWING NO. 407 AND 409.
RIM=229.17±
NEW IE 10" PVC (N,S)=225.17
EX. IE 10" CONC. (N,S)=225.17
EX. IE 12" CONC. (E,W)=222.92

STA A19+08.20 R1.08
SDMH-8
ADJUST EXISTING MANHOLE TO FINISH GRADE.
REMOVE AND REPLACE FRAME AND COVER.
SEE STANDARD DRAWING NO. 407 AND 409.
RIM=229.94±
NEW IE 10" PVC (S)=224.69
EX. IE 10" CONC. (S)=224.69
EX. IE 12" CONC. (E,W)=222.44




NOTE: SEE SHEET NO. 19 FOR ADDITIONAL INTERSECTION DETAILS AT 24TH AVENUE AND MAIN STREET (N)

NOTE: SEE SHEET NO. 18 FOR ADDITIONAL INTERSECTION DETAILS AT 24TH AVENUE AND MAIN STREET (S)



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO:
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DATE: 1/11/2021	DATE:

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ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

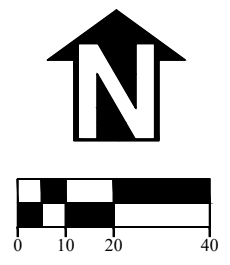
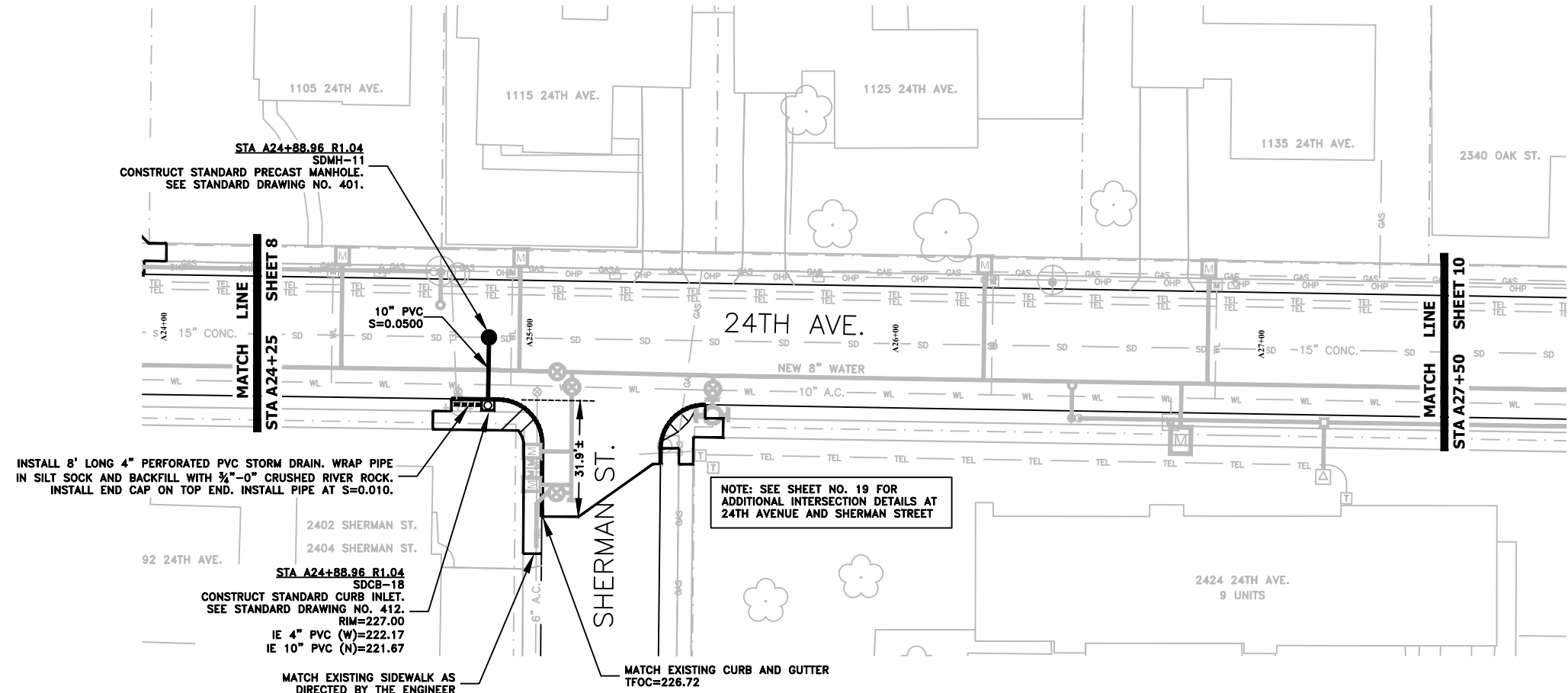
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 8 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



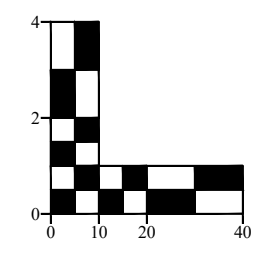
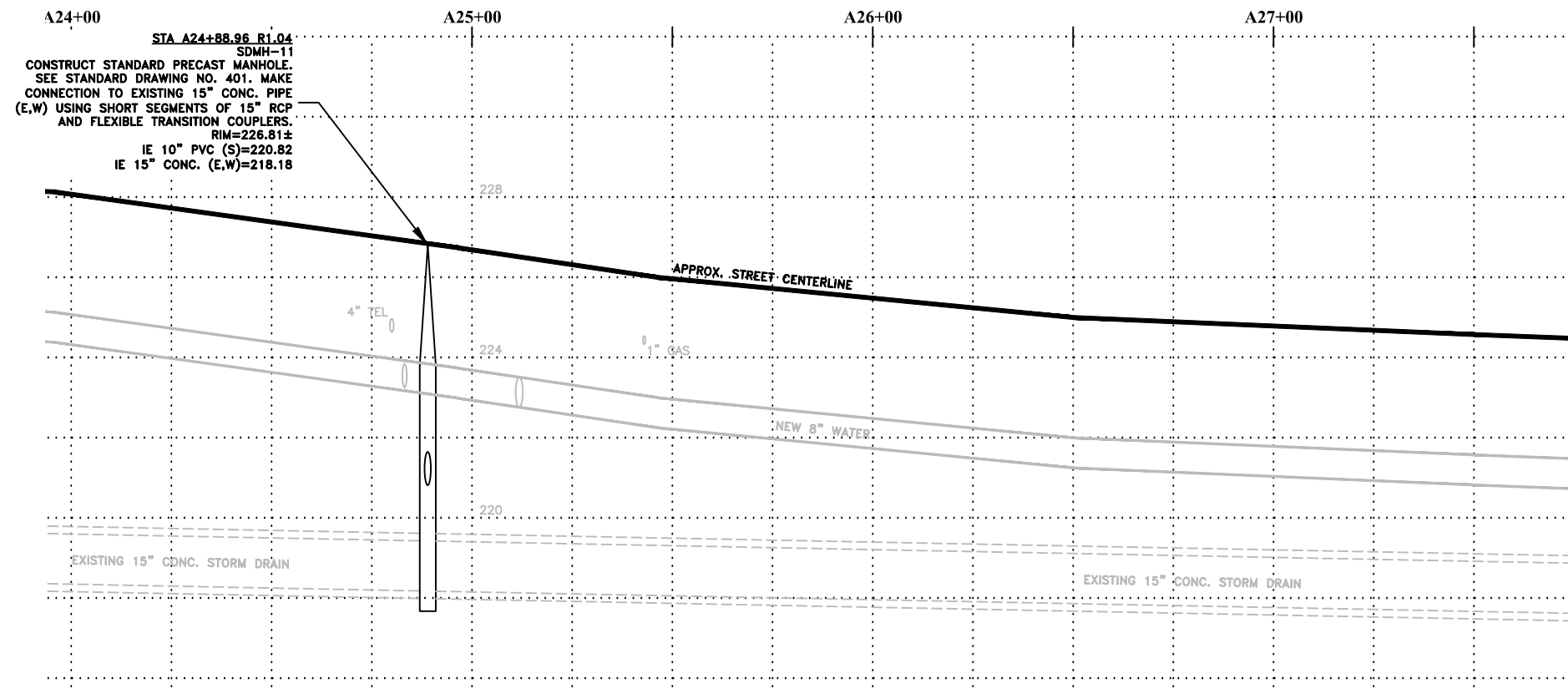
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ST-21-01, 24TH AVENUE REHABILITATION
 STREET AND STORM DRAIN CONSTRUCTION

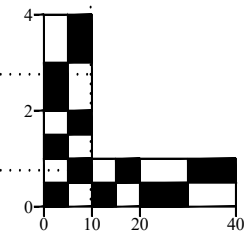
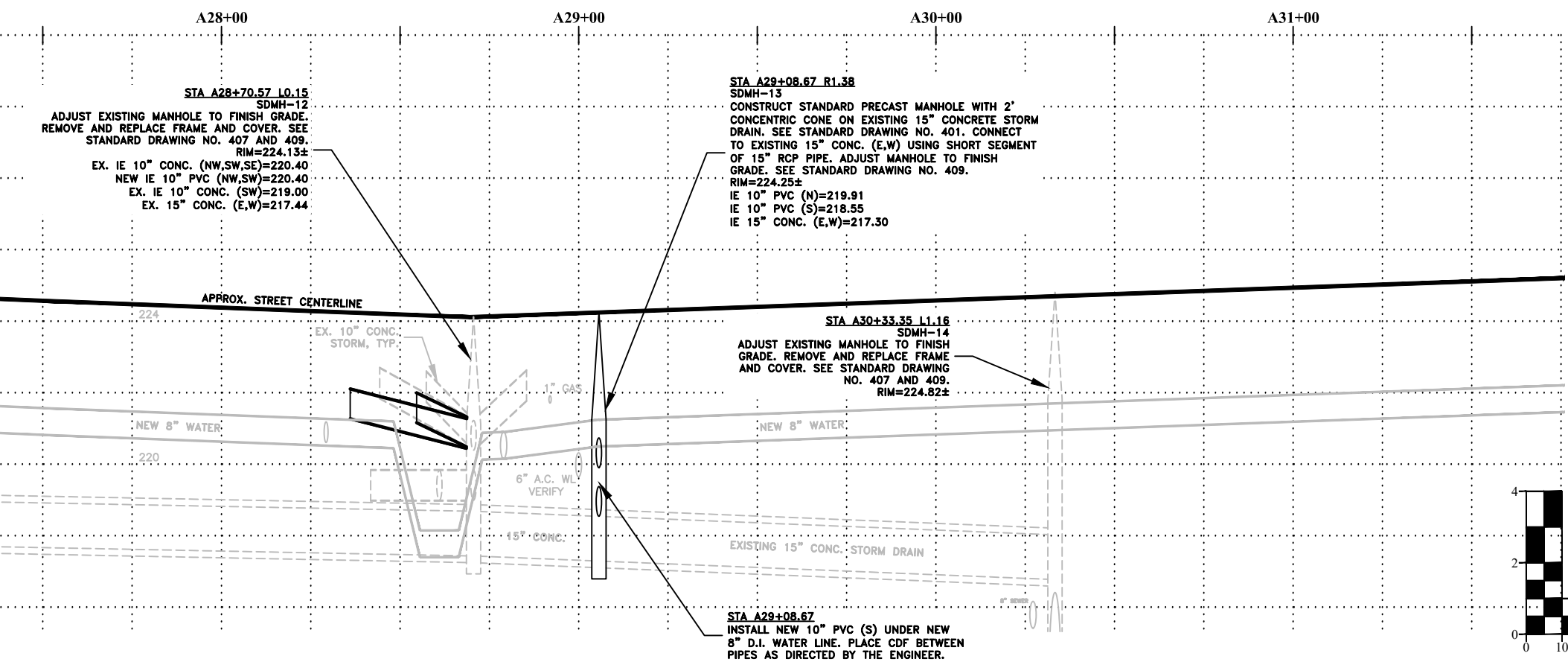
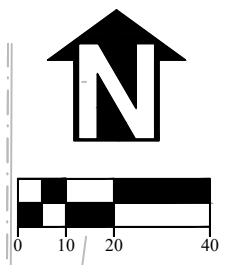
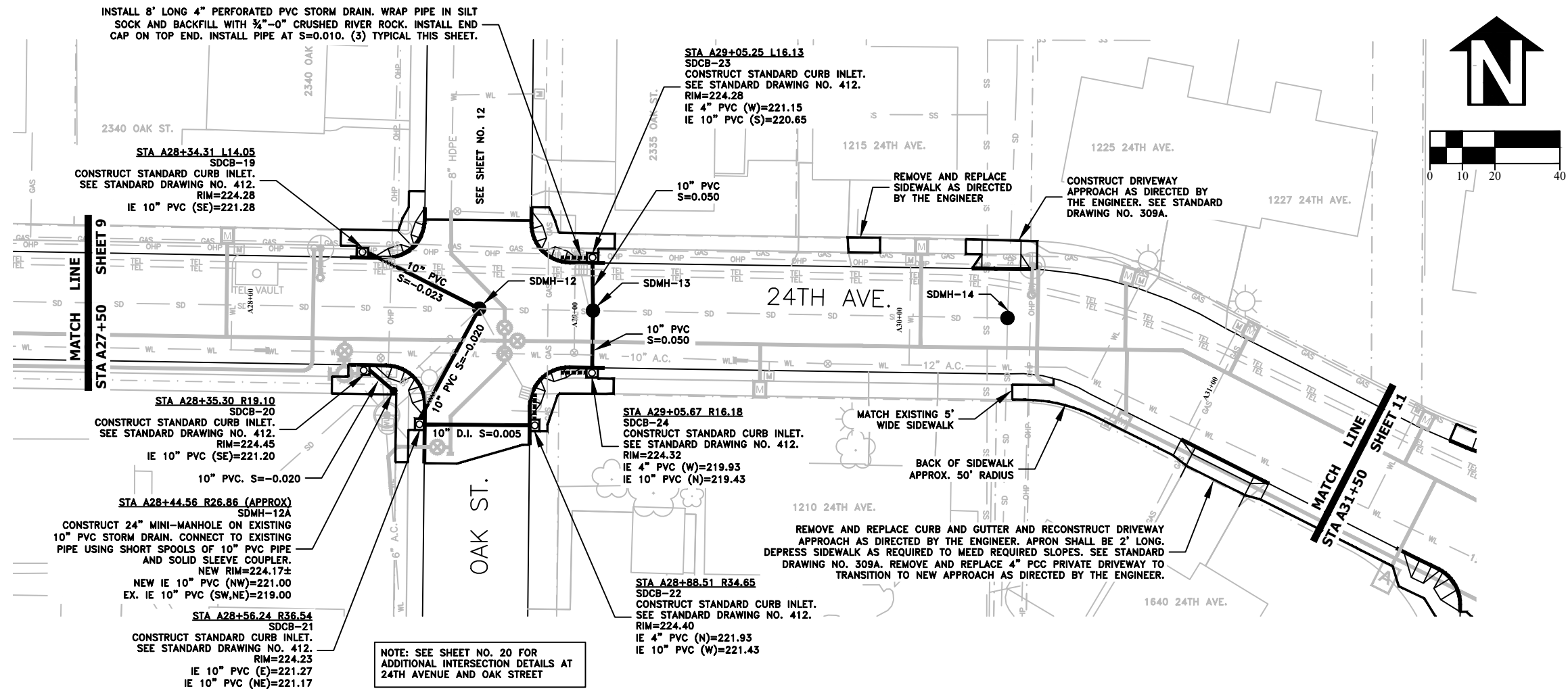


EXPIRATION DATE: 12/31/2021

SHEET NO. 9 OF 60

PROJECT NO: ST-21-01

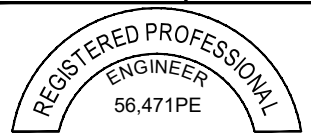
FILE: BASE.DWG



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ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

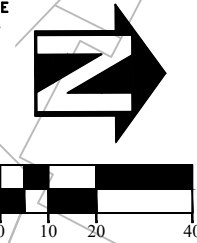
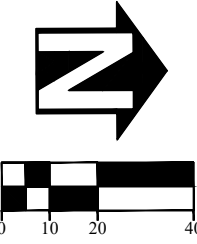
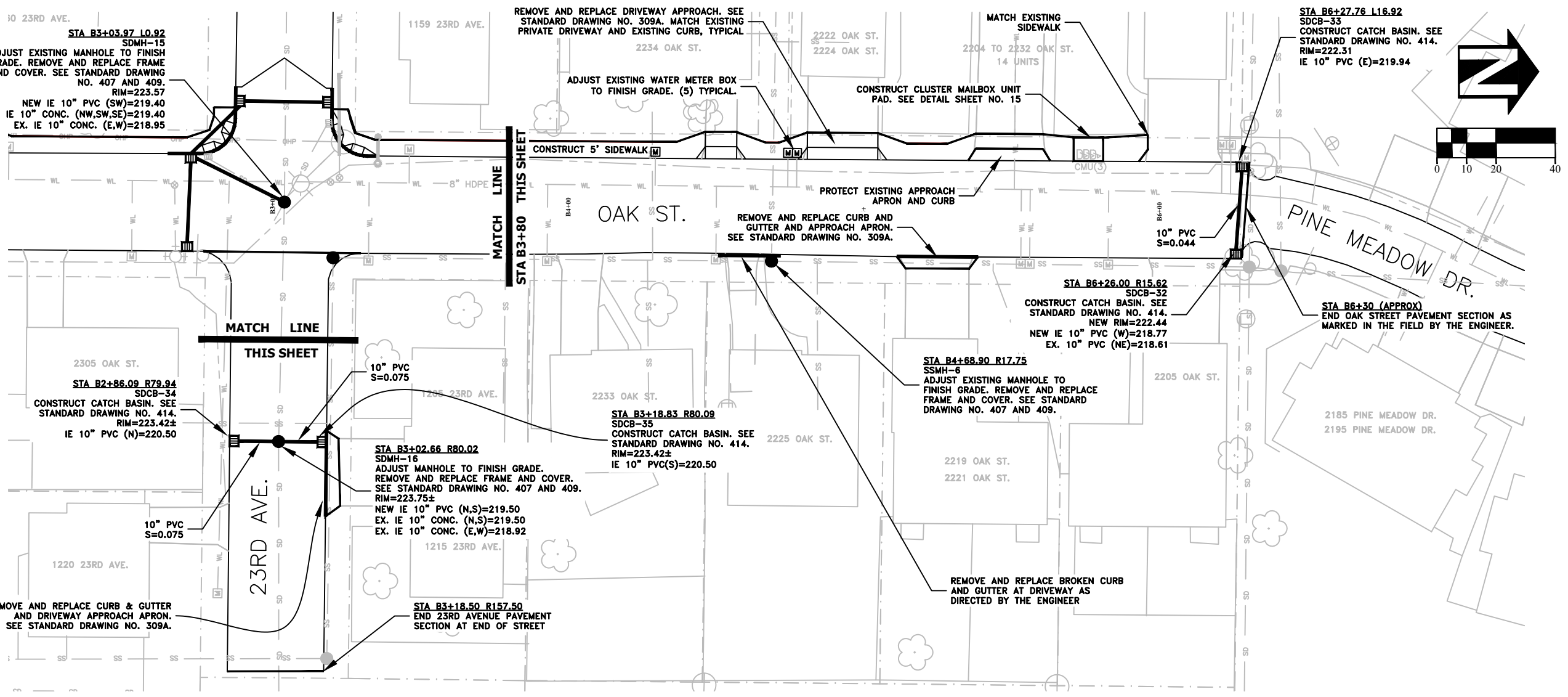
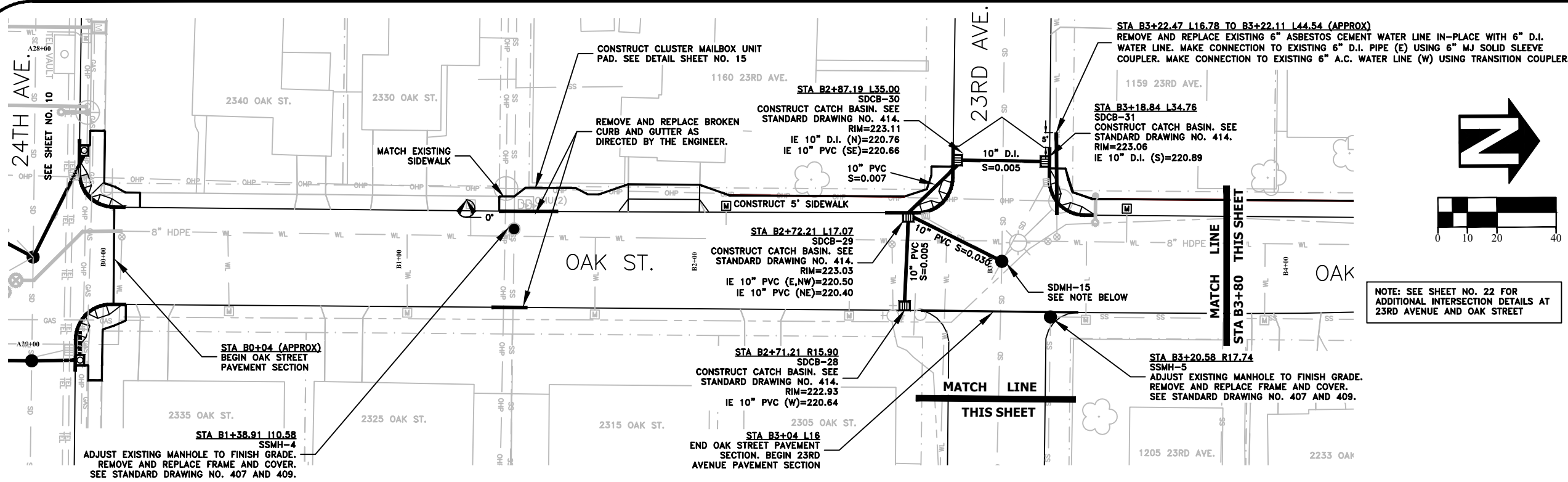


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SHEET NO. 10 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



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PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
STREET AND STORM DRAIN CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

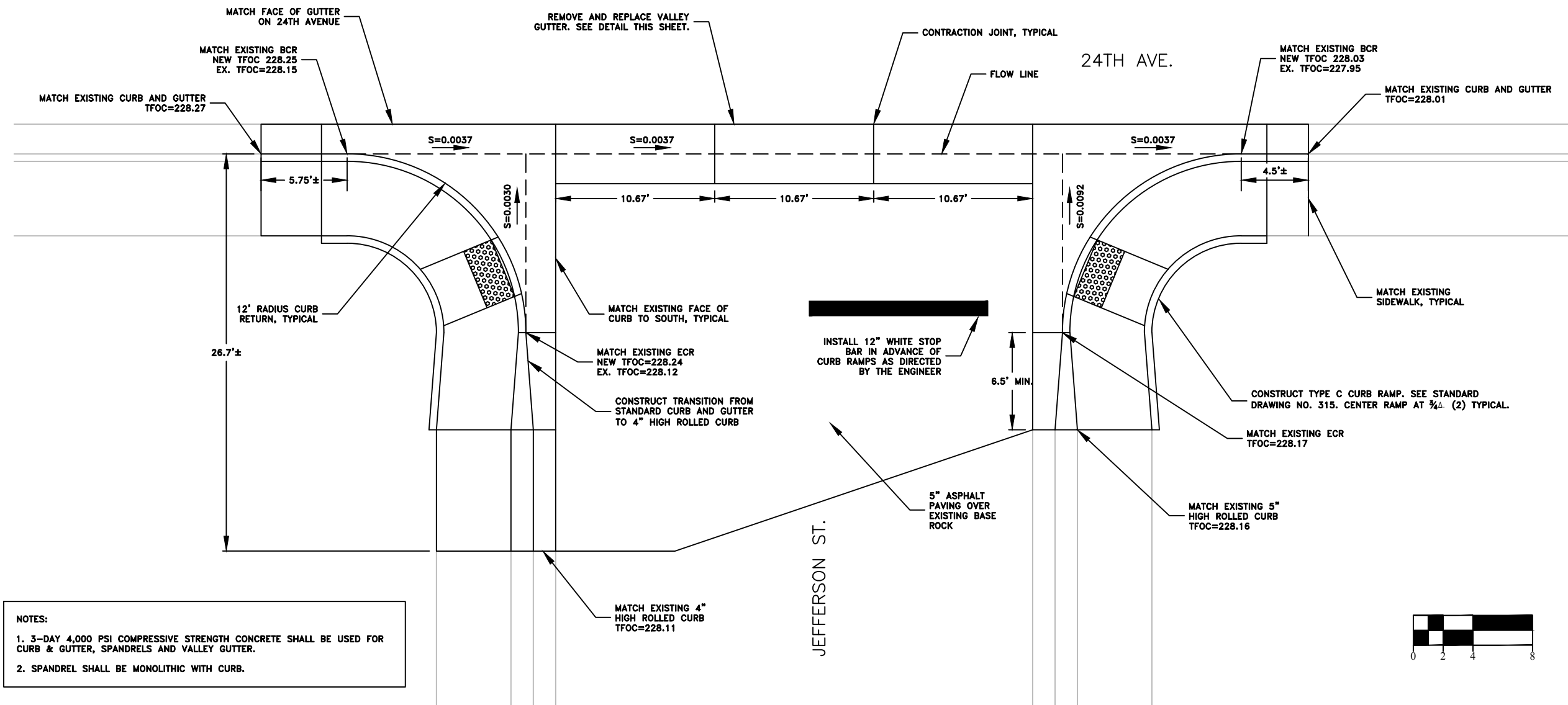
SHEET NO. 12 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

24TH AVENUE AT JEFFERSON STREET DETAIL

SCALE: 1"=8'



- NOTES:
- 3-DAY 4,000 PSI COMPRESSIVE STRENGTH CONCRETE SHALL BE USED FOR CURB & GUTTER, SPANDRELS AND VALLEY GUTTER.
 - SPANDREL SHALL BE MONOLITHIC WITH CURB.

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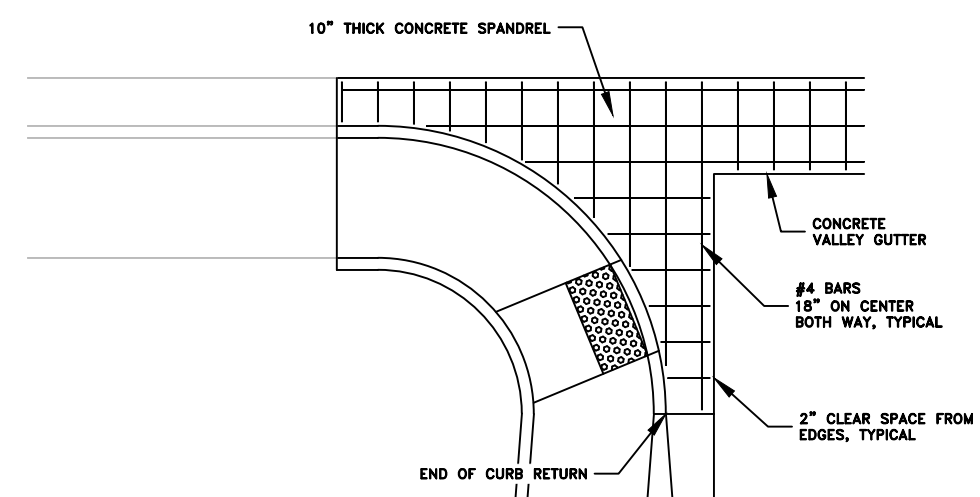
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ST-21-01, 24TH AVENUE REHABILITATION
24TH AVE. AT JEFFERSON ST. DETAILS



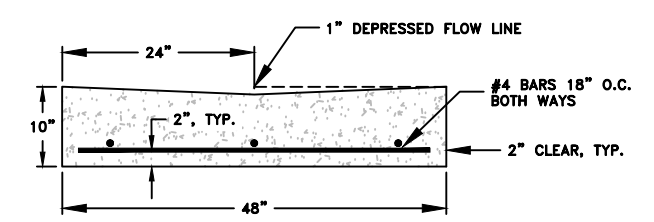
SPANDREL REINFORCEMENT DETAIL

SCALE: 1"=8'



CONCRETE VALLEY GUTTER CROSS SECTION

SCALE: 1"=2'



REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

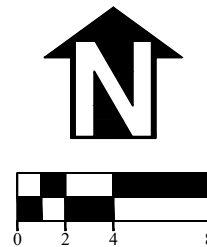
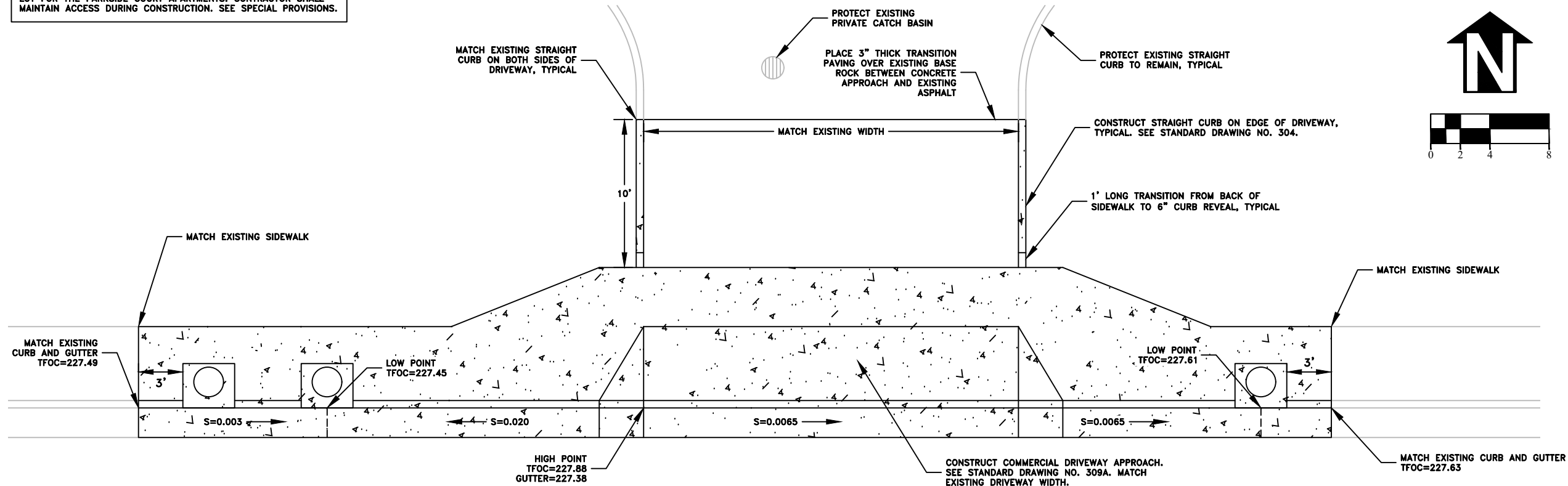
SHEET NO. 13 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

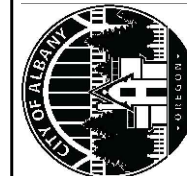
NOTE: THIS DRIVEWAY PROVIDES THE ONLY ACCESS TO A PARKING LOT FOR THE PARKSIDE COURT APARTMENTS. CONTRACTOR SHALL MAINTAIN ACCESS DURING CONSTRUCTION. SEE SPECIAL PROVISIONS.

PARKSIDE COURT APARTMENTS DRIVEWAY DETAIL



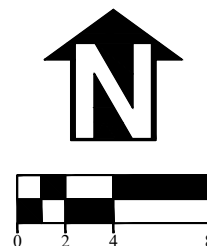
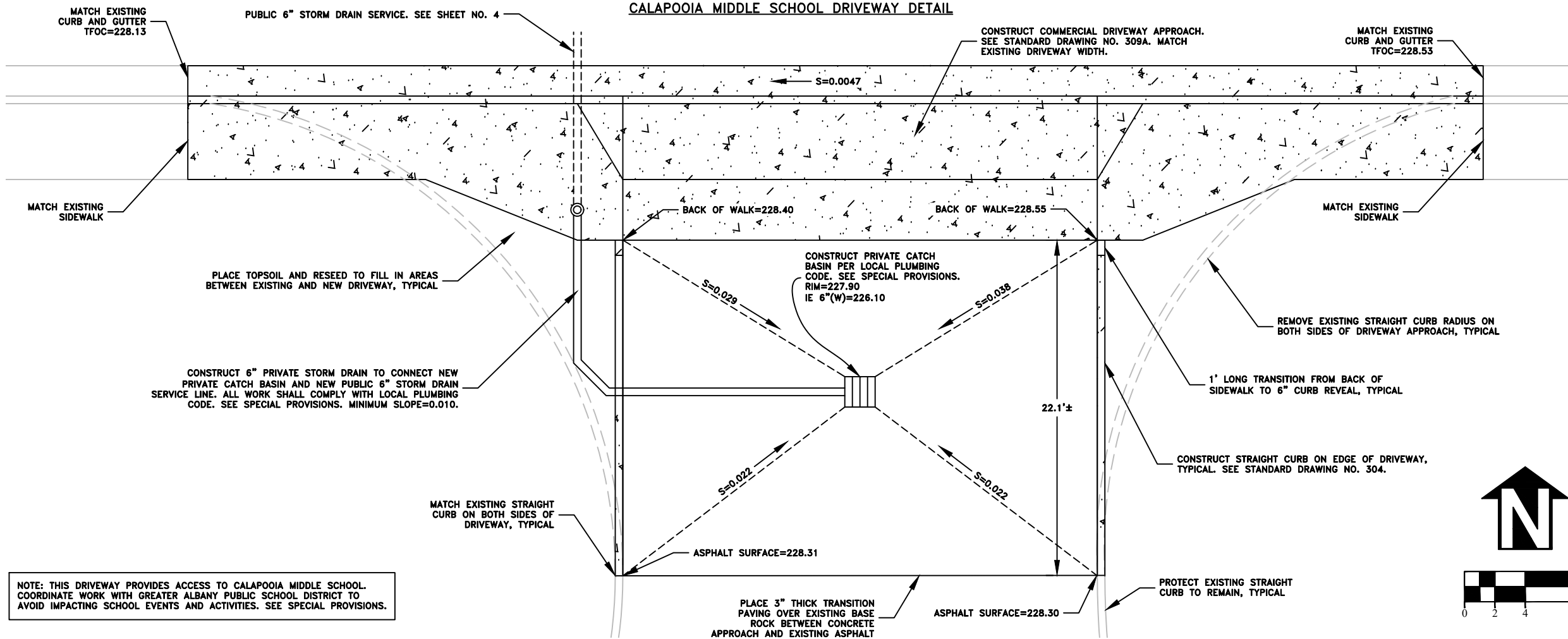
DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

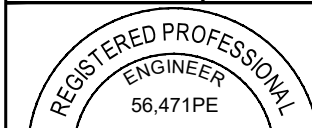


ST-21-01, 24TH AVENUE REHABILITATION
DRIVEWAY DETAILS

CALAPOOIA MIDDLE SCHOOL DRIVEWAY DETAIL



NOTE: THIS DRIVEWAY PROVIDES ACCESS TO CALAPOOIA MIDDLE SCHOOL. COORDINATE WORK WITH GREATER ALBANY PUBLIC SCHOOL DISTRICT TO AVOID IMPACTING SCHOOL EVENTS AND ACTIVITIES. SEE SPECIAL PROVISIONS.



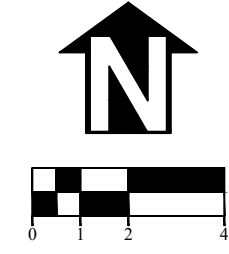
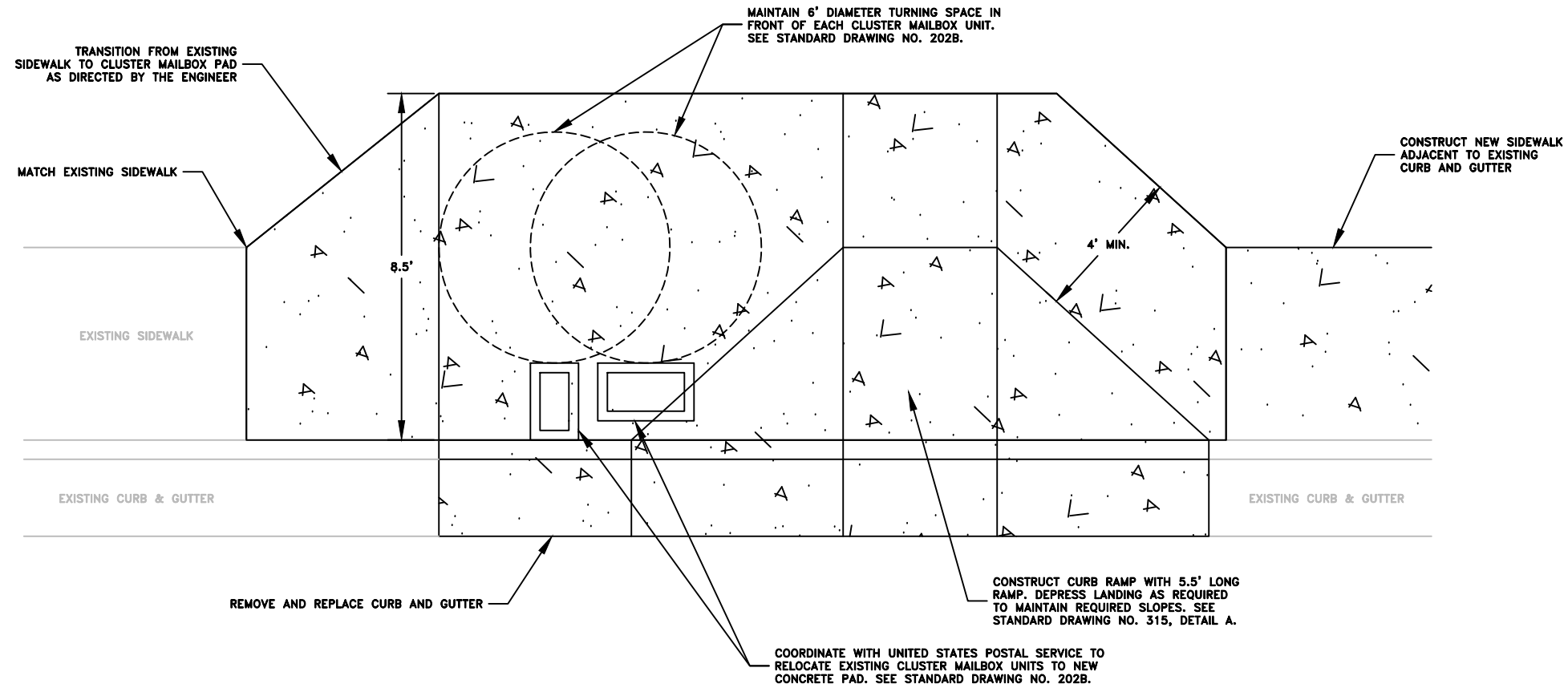
EXPIRATION DATE: 12/31/2021

SHEET NO. 14 OF 60

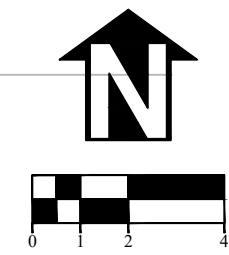
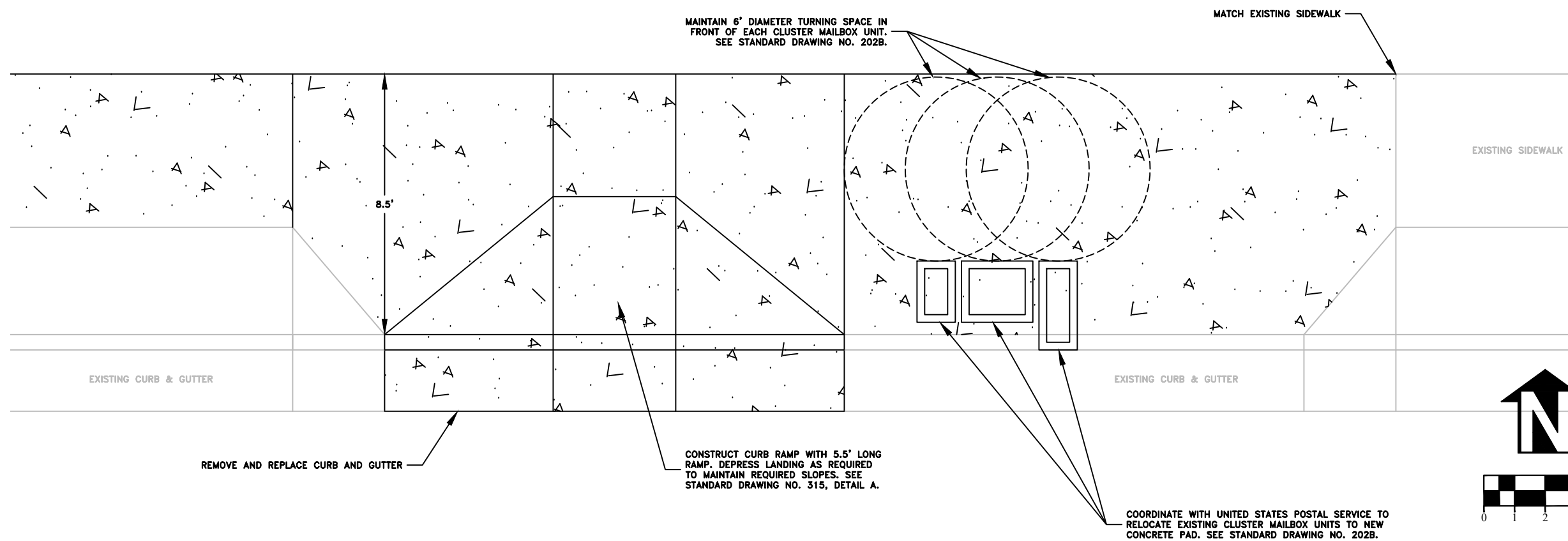
PROJECT NO: ST-21-01

FILE: BASE.DWG

**OAK STREET CLUSTER MAILBOX DETAIL
SOUTH LOCATION**




**OAK STREET CLUSTER MAILBOX DETAIL
NORTH LOCATION**



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-21-01, 24TH AVENUE REHABILITATION
OAK STREET CLUSTER MAILBOX DETAILS**

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

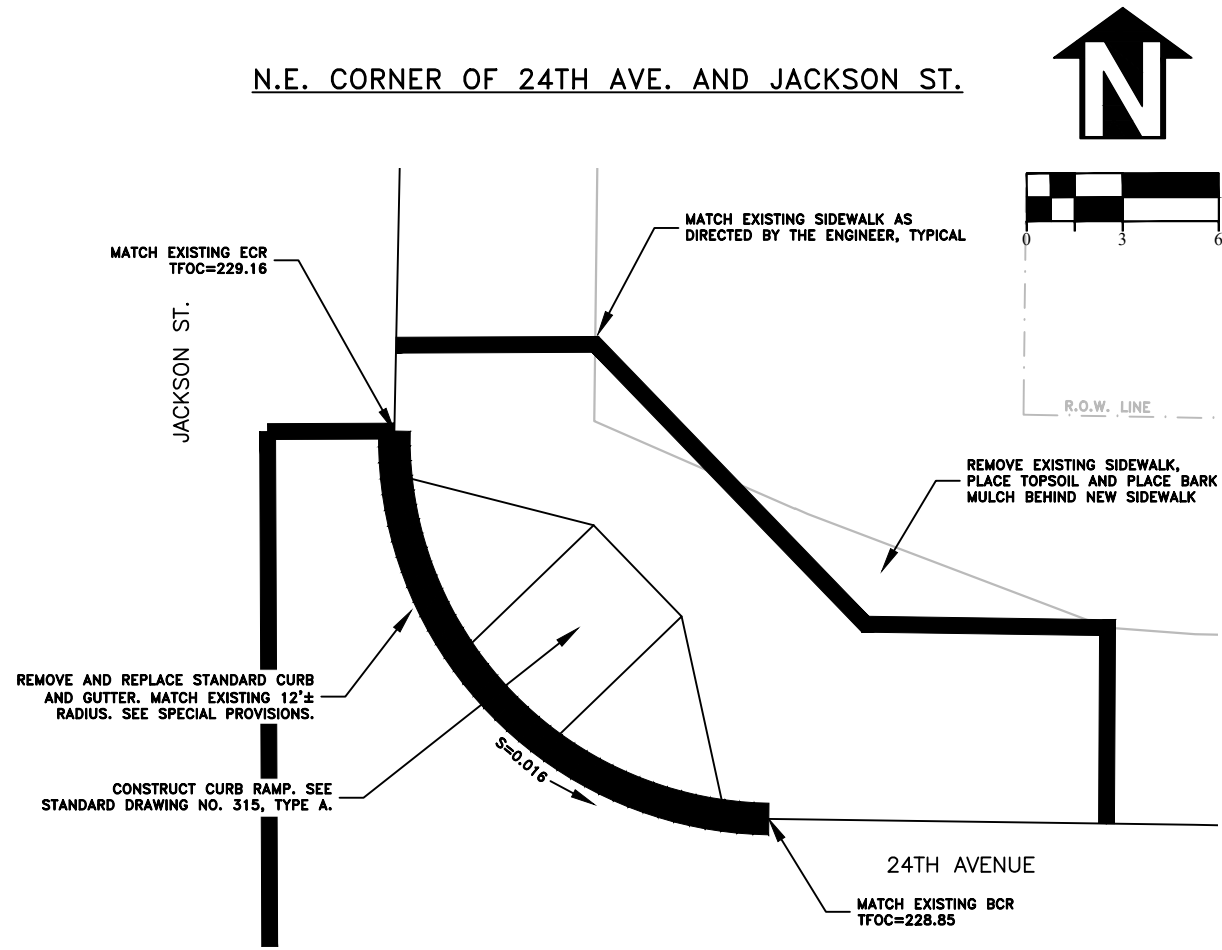
EXPIRATION DATE: 12/31/2021

SHEET NO. 15 OF 60

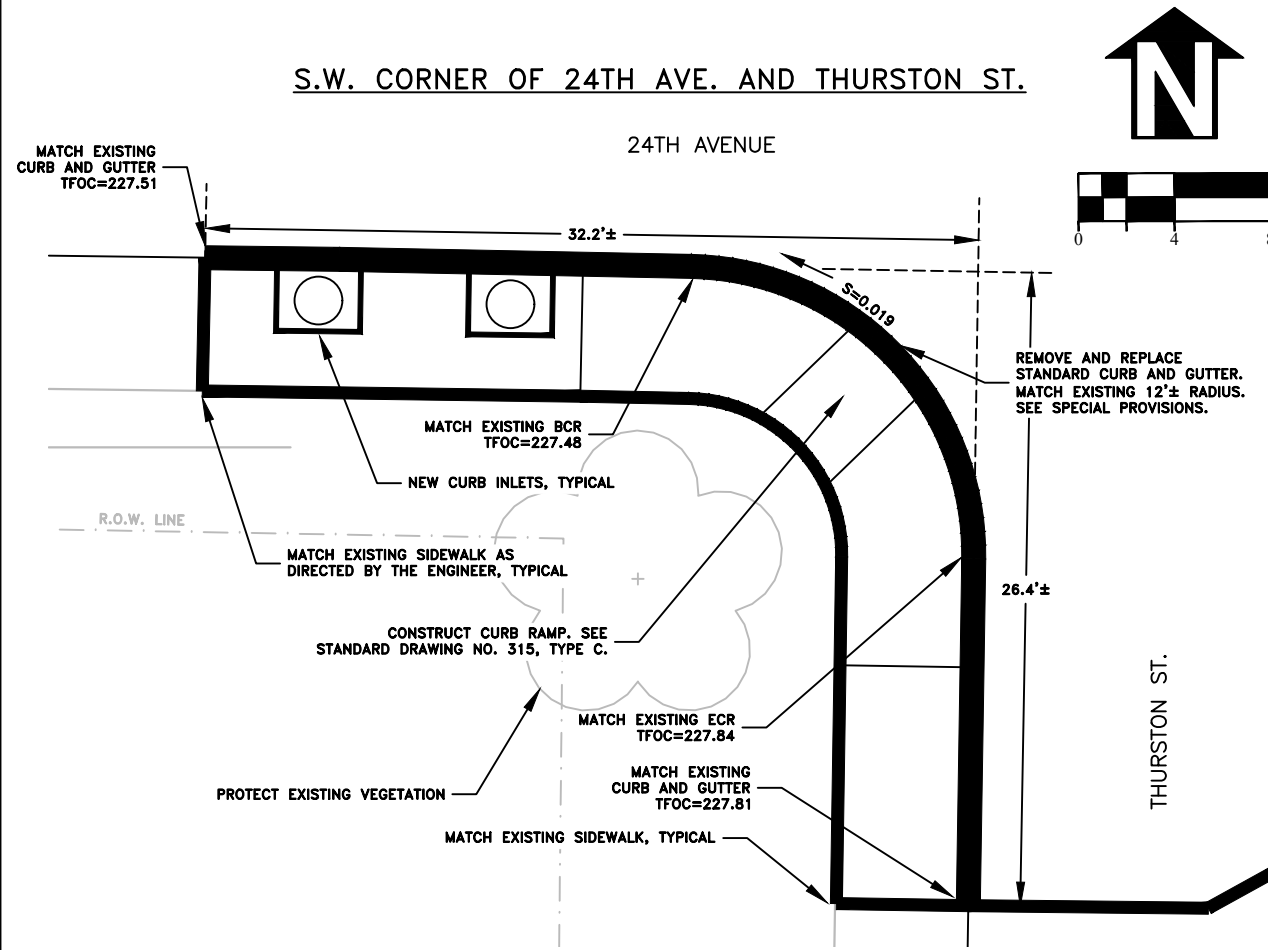
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FILE: BASE.DWG

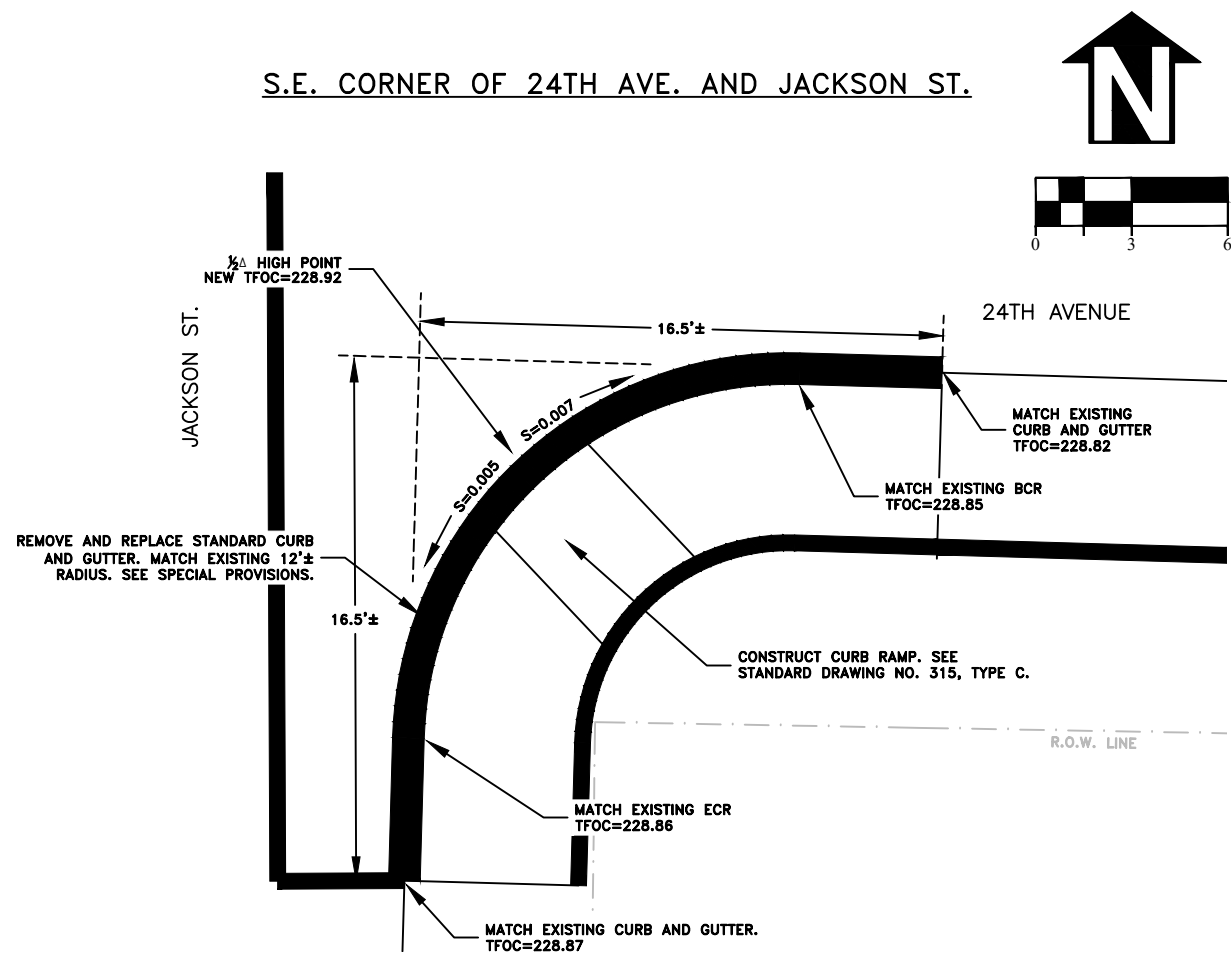
N.E. CORNER OF 24TH AVE. AND JACKSON ST.



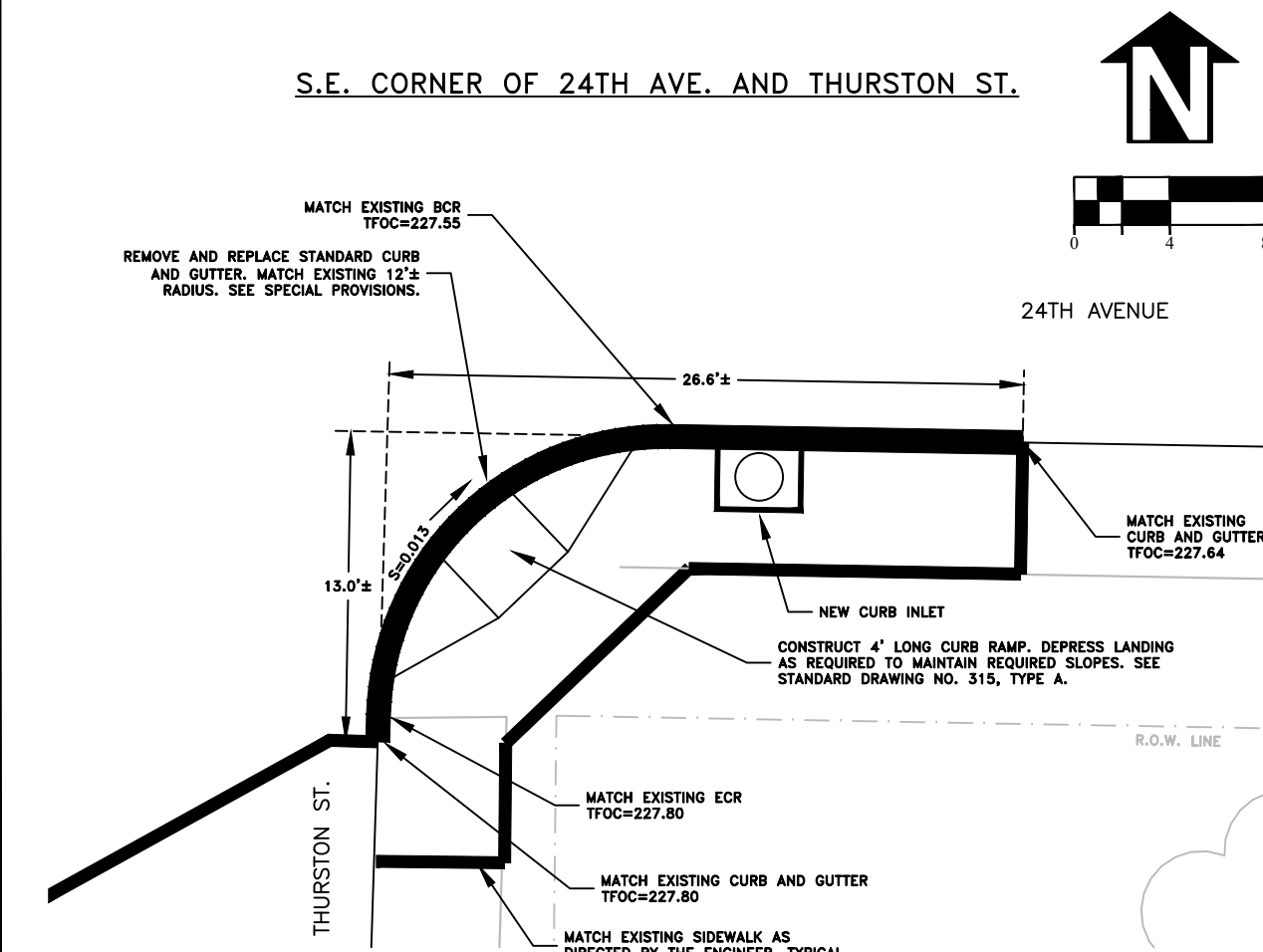
S.W. CORNER OF 24TH AVE. AND THURSTON ST.



S.E. CORNER OF 24TH AVE. AND JACKSON ST.




S.E. CORNER OF 24TH AVE. AND THURSTON ST.



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
INTERSECTION DETAILS

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

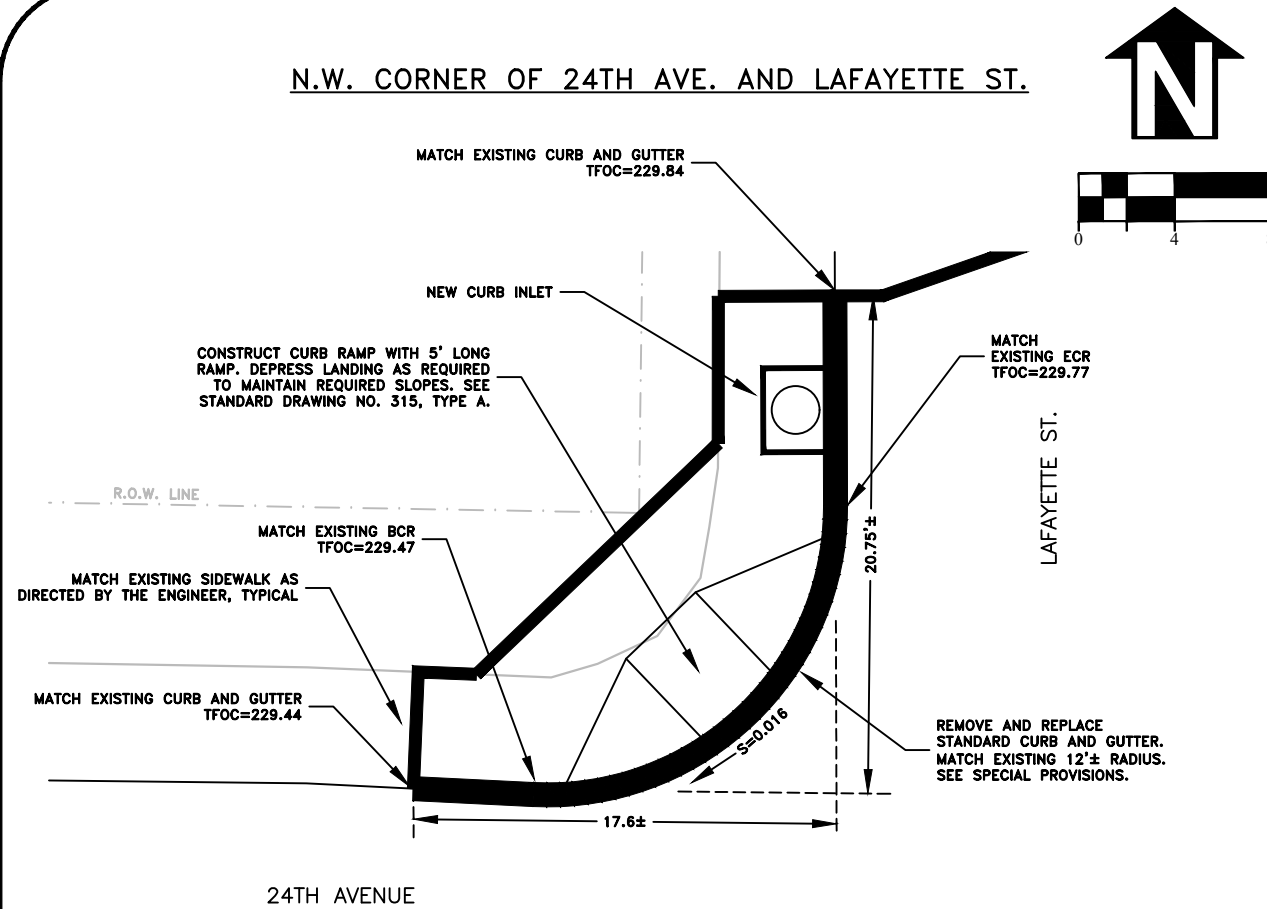
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SHEET NO. 16 OF 60

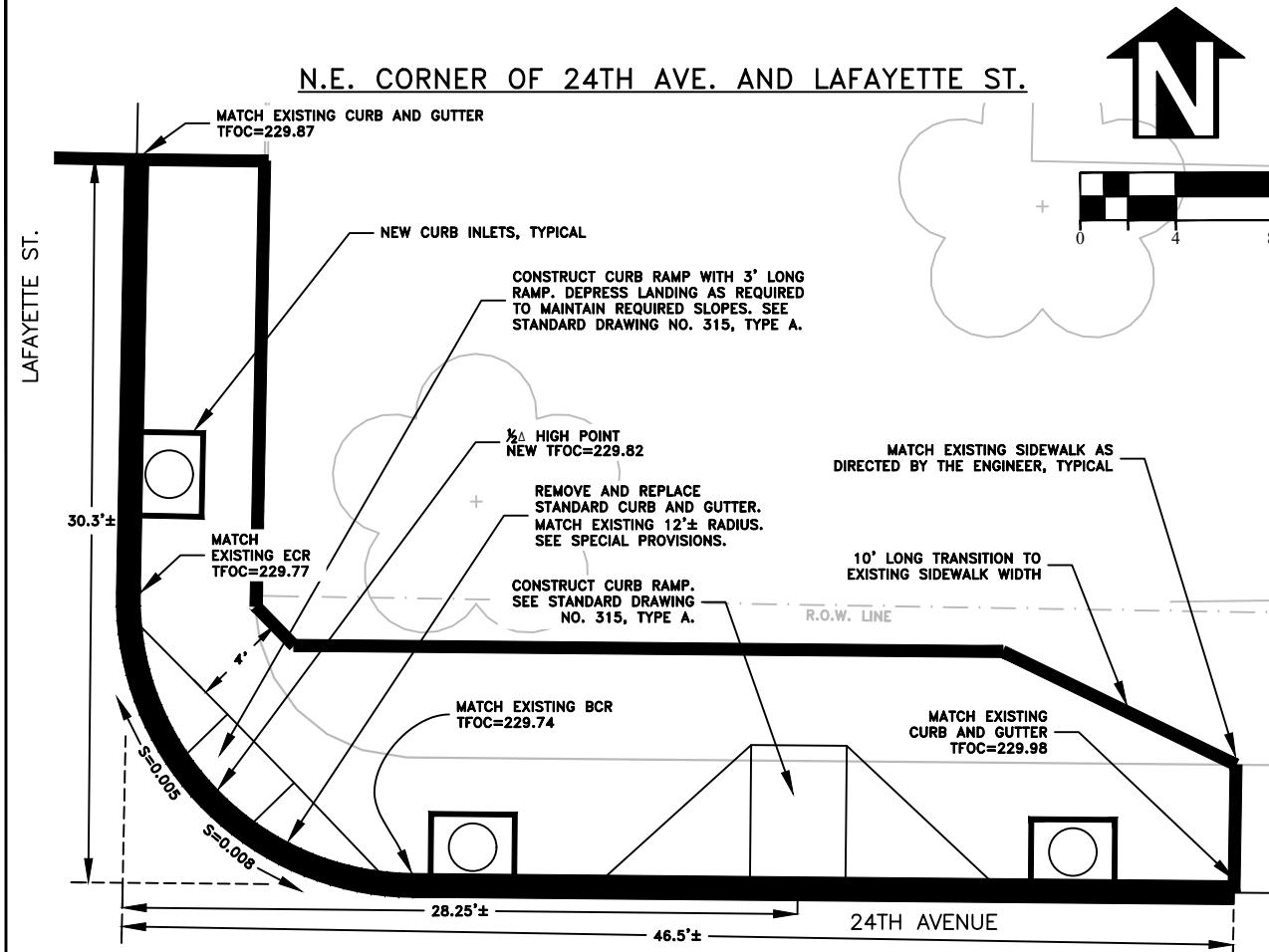
PROJECT NO: ST-21-01

FILE: BASE.DWG

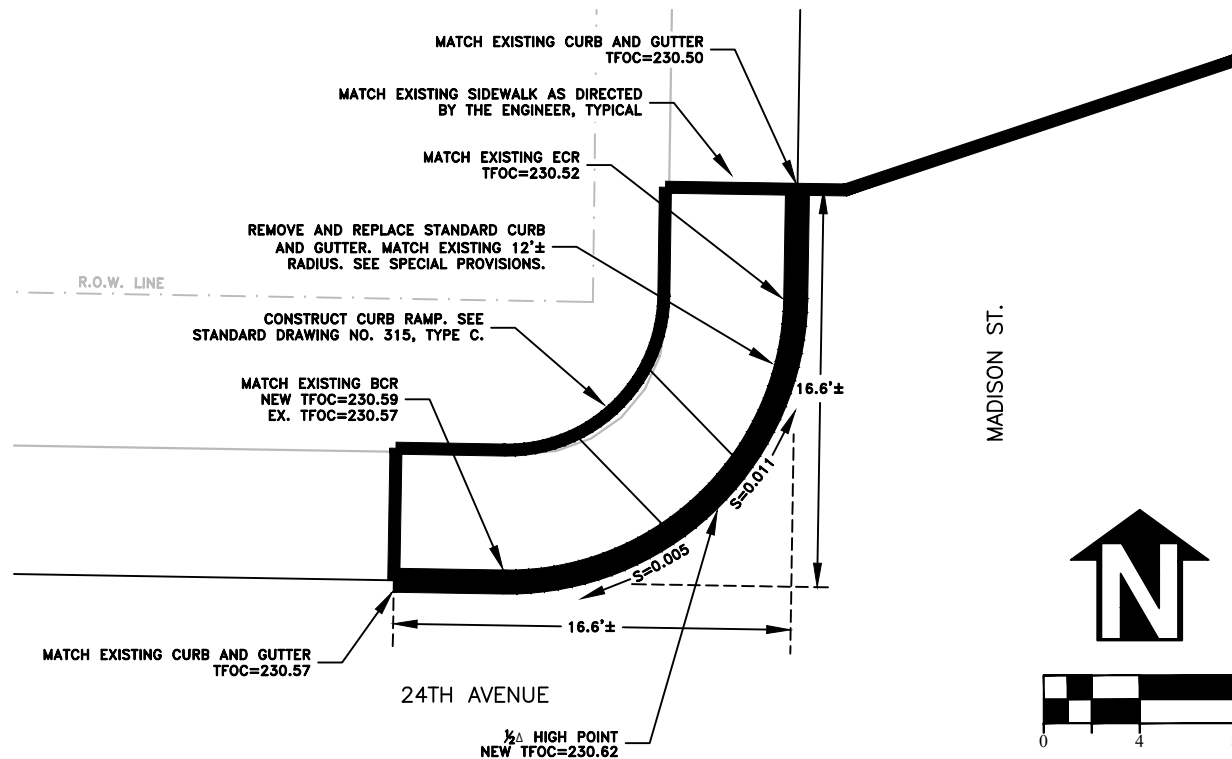
N.W. CORNER OF 24TH AVE. AND LAFAYETTE ST.



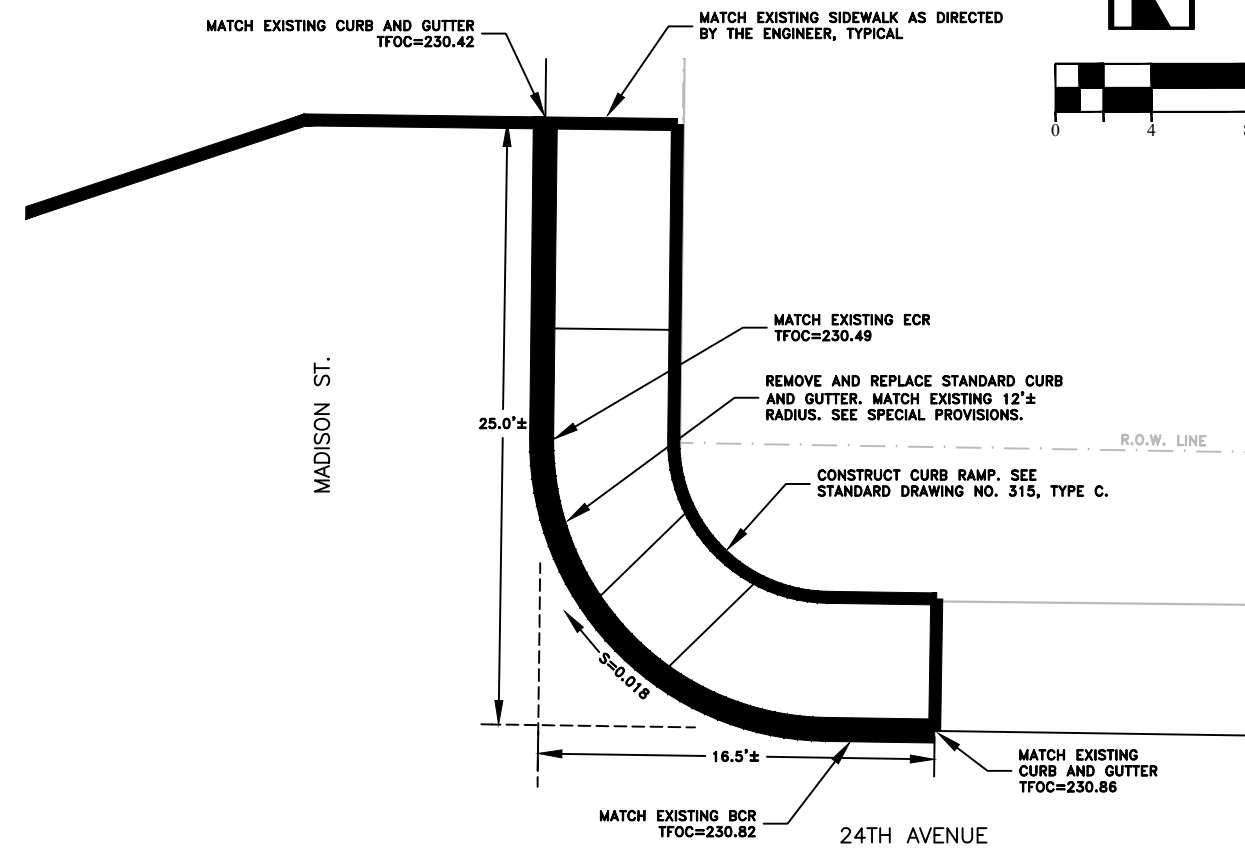
N.E. CORNER OF 24TH AVE. AND LAFAYETTE ST.



N.W. CORNER OF 24TH AVE. AND MADISON ST.




N.E. CORNER OF 24TH AVE. AND MADISON ST.



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
INTERSECTION DETAILS

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

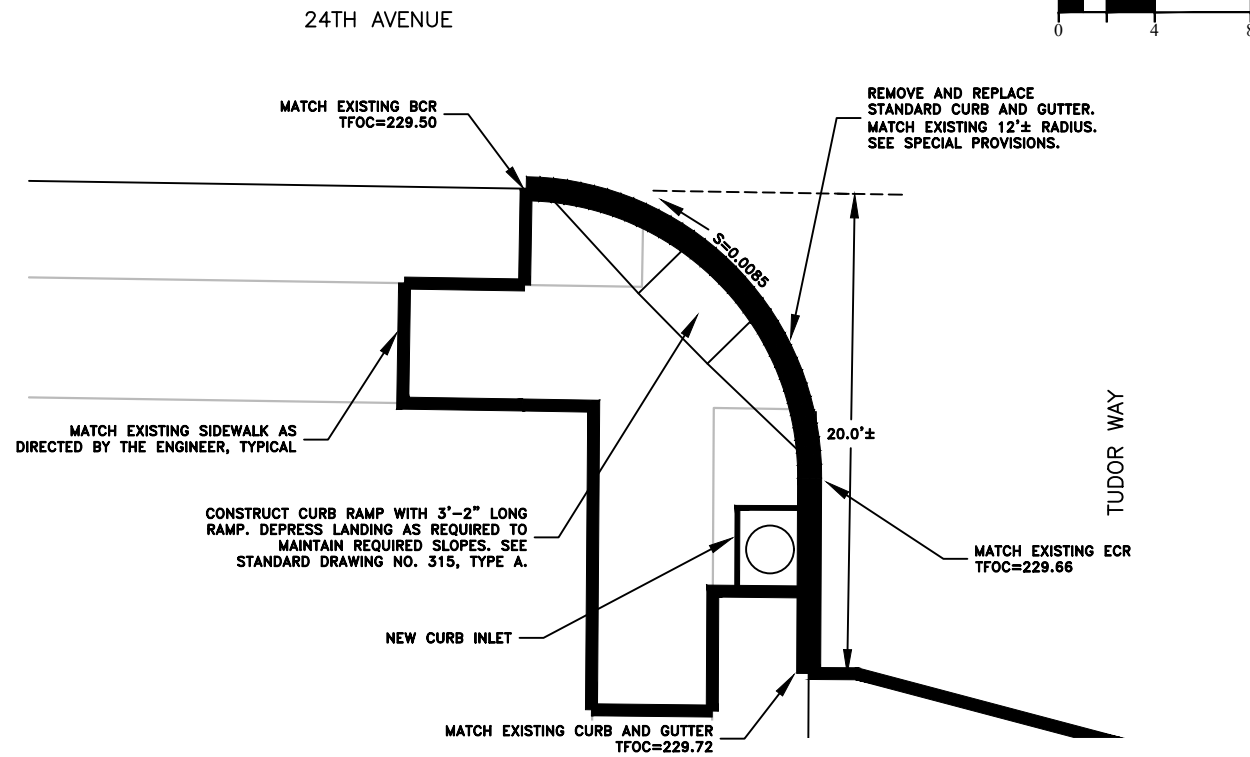
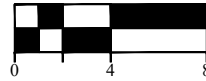
EXPIRATION DATE: 12/31/2021

SHEET NO. 17 OF 60

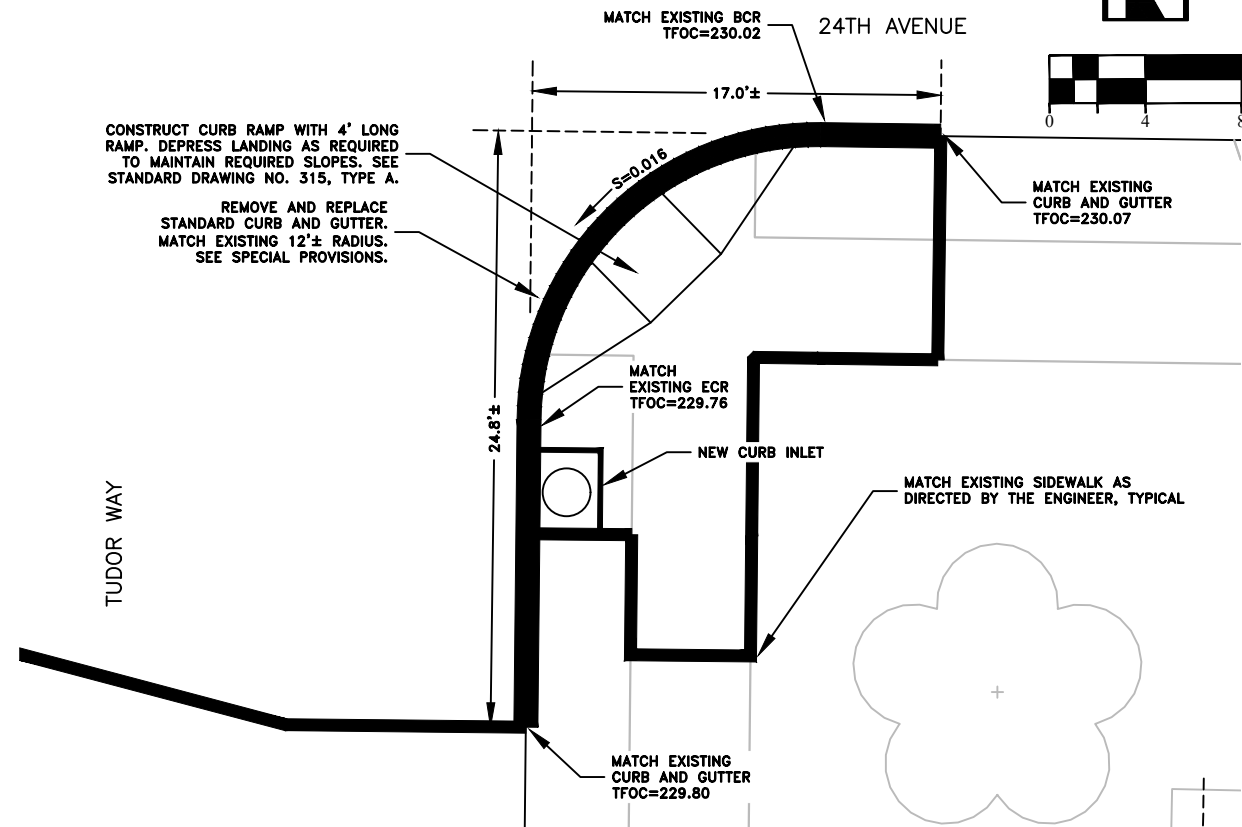
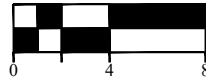
PROJECT NO: ST-21-01

FILE: BASE.DWG

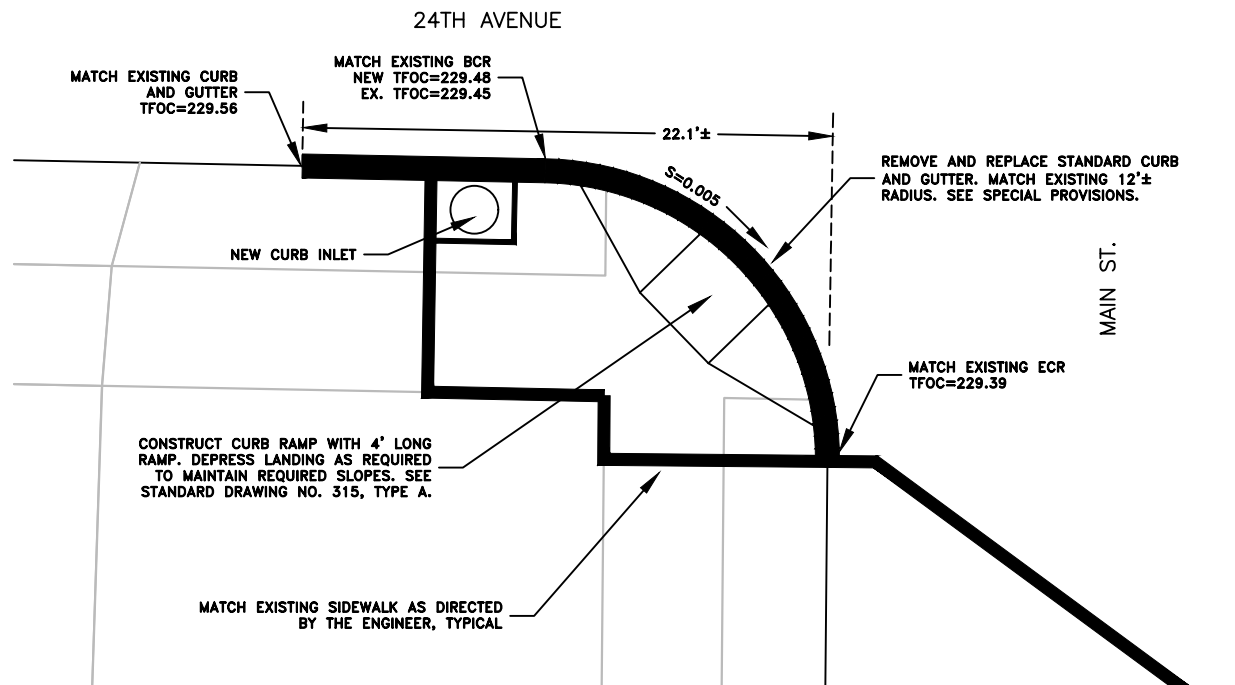
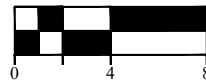
S.W. CORNER OF 24TH AVE. AND TUDOR WAY



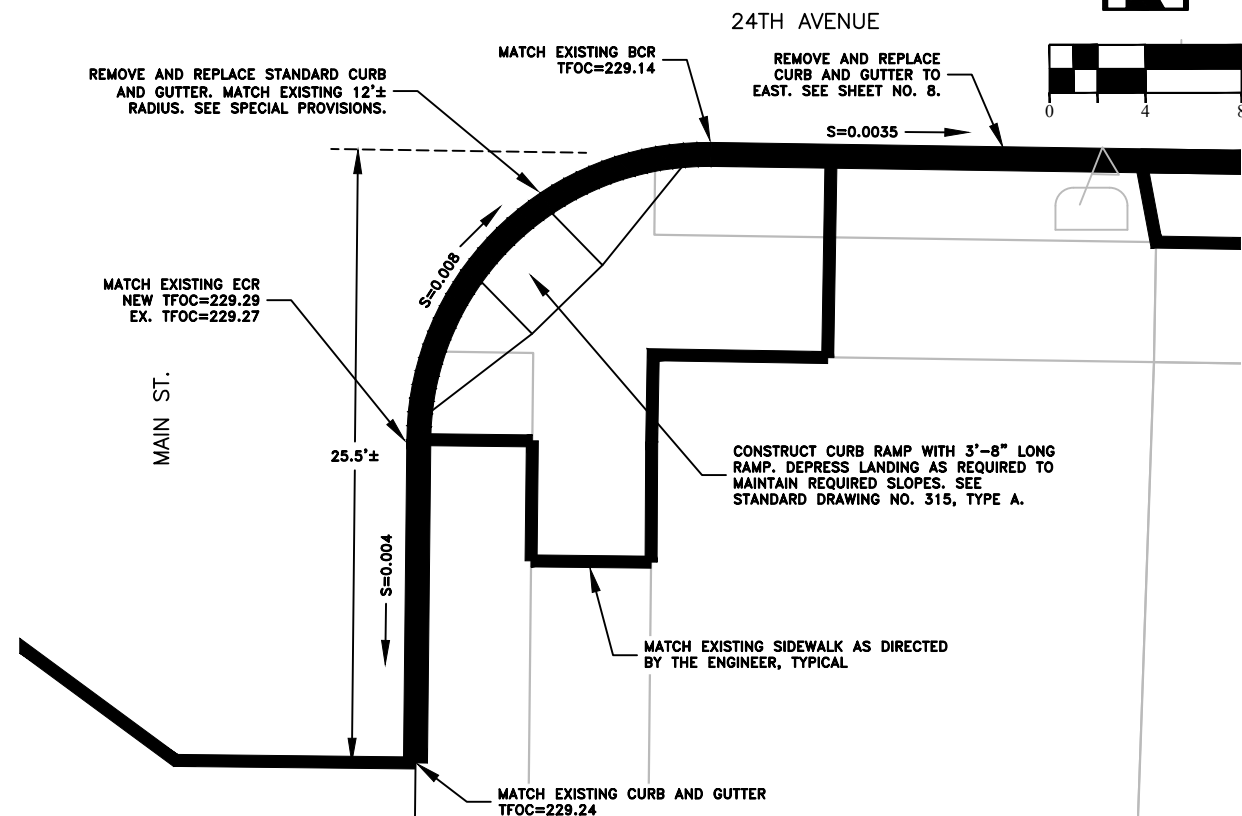
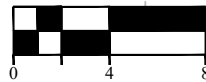
S.E. CORNER OF 24TH AVE. AND TUDOR WAY



S.W. CORNER OF 24TH AVE. AND MAIN ST.




S.E. CORNER OF 24TH AVE. AND MAIN ST.



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 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

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PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



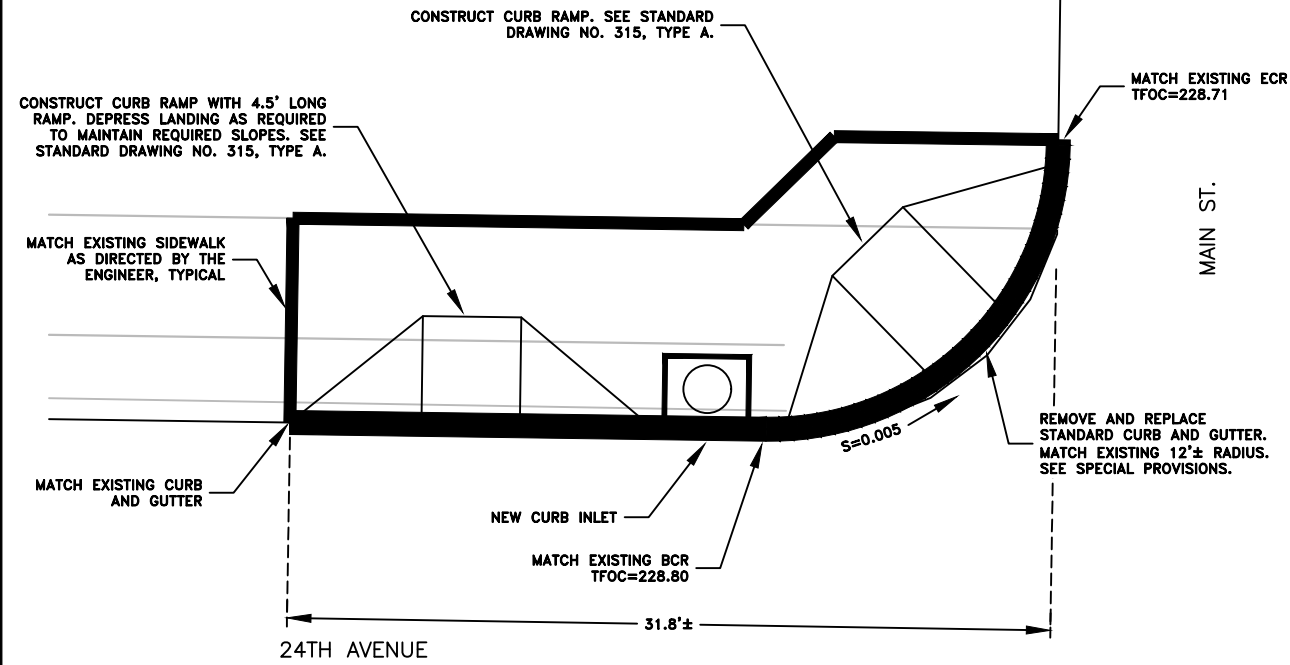
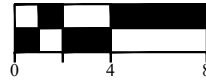
ST-21-01, 24TH AVENUE REHABILITATION
 INTERSECTION DETAILS

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

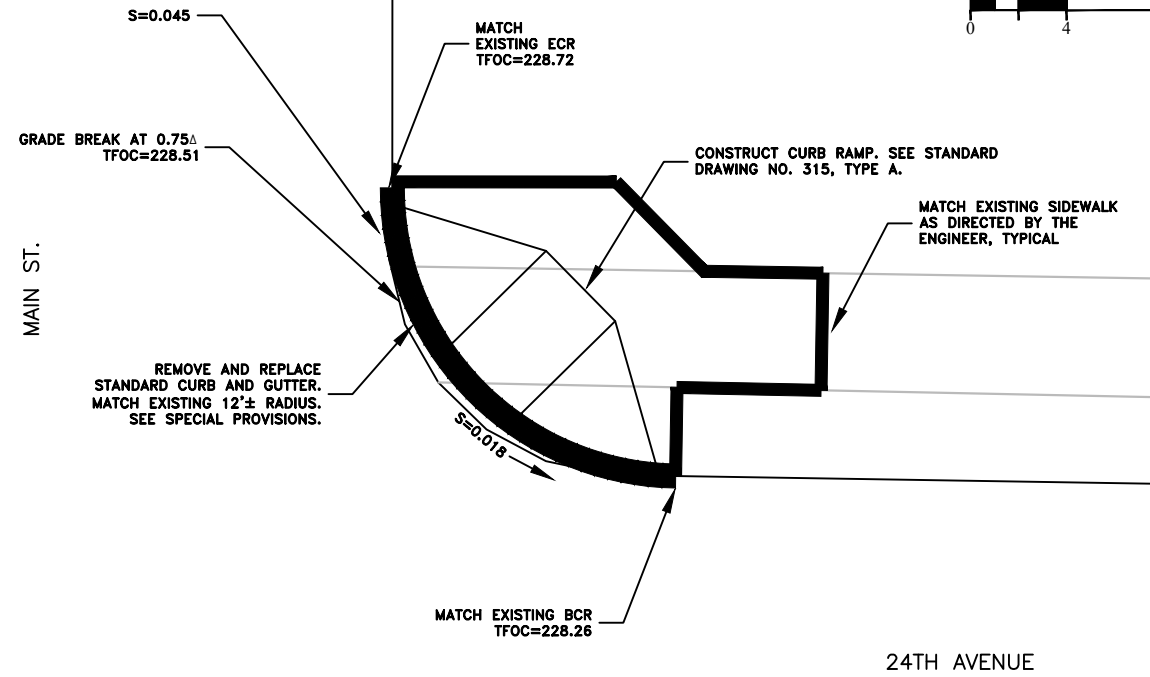
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021
 SHEET NO. 18 OF 60
 PROJECT NO: ST-21-01
 FILE: BASE.DWG

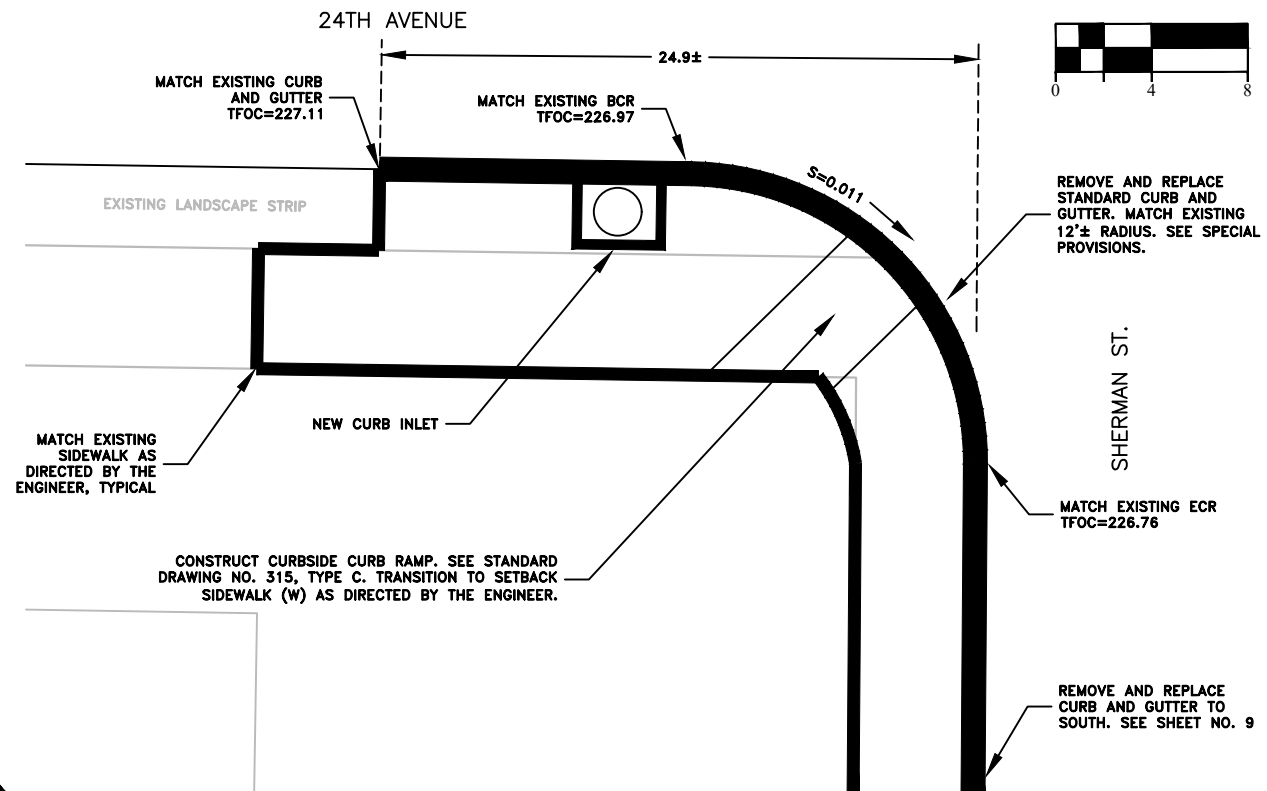
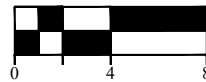
N.W. CORNER OF 24TH AVE. AND MAIN ST.



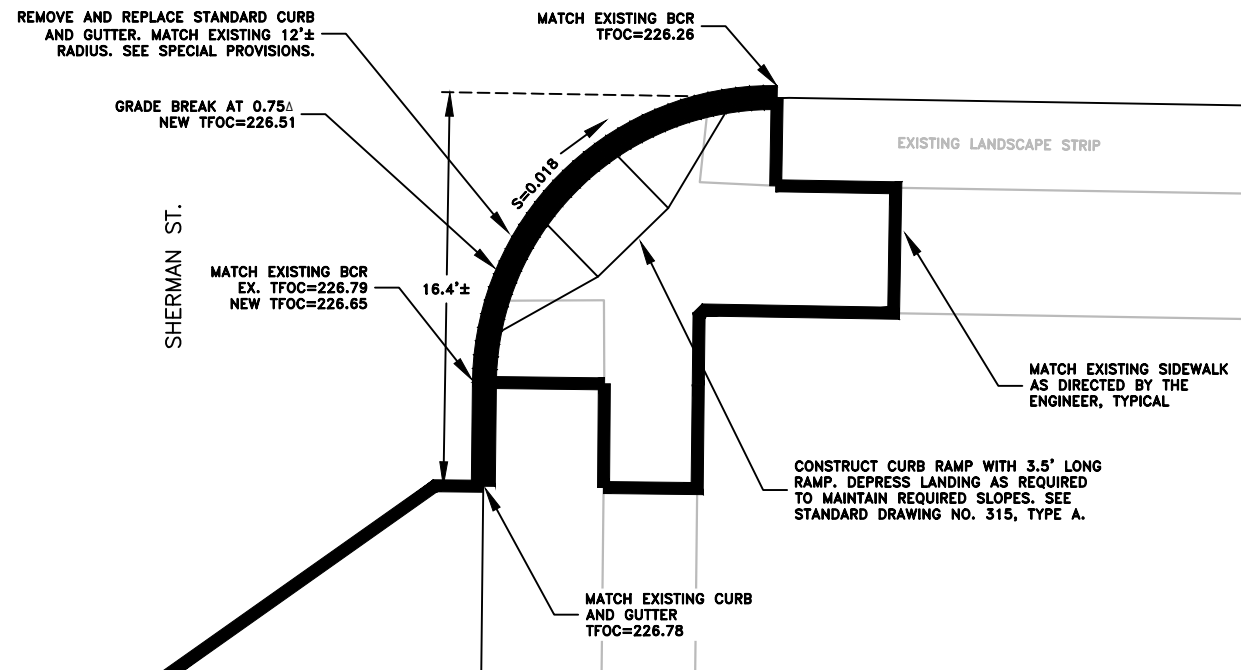
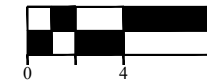
N.E. CORNER OF 24TH AVE. AND MAIN ST.



S.W. CORNER OF 24TH AVE. AND SHERMAN ST.



S.E. CORNER OF 24TH AVE. AND SHERMAN ST.



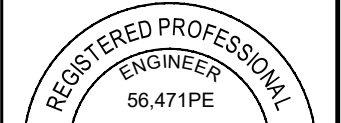
DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

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

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
 INTERSECTION DETAILS



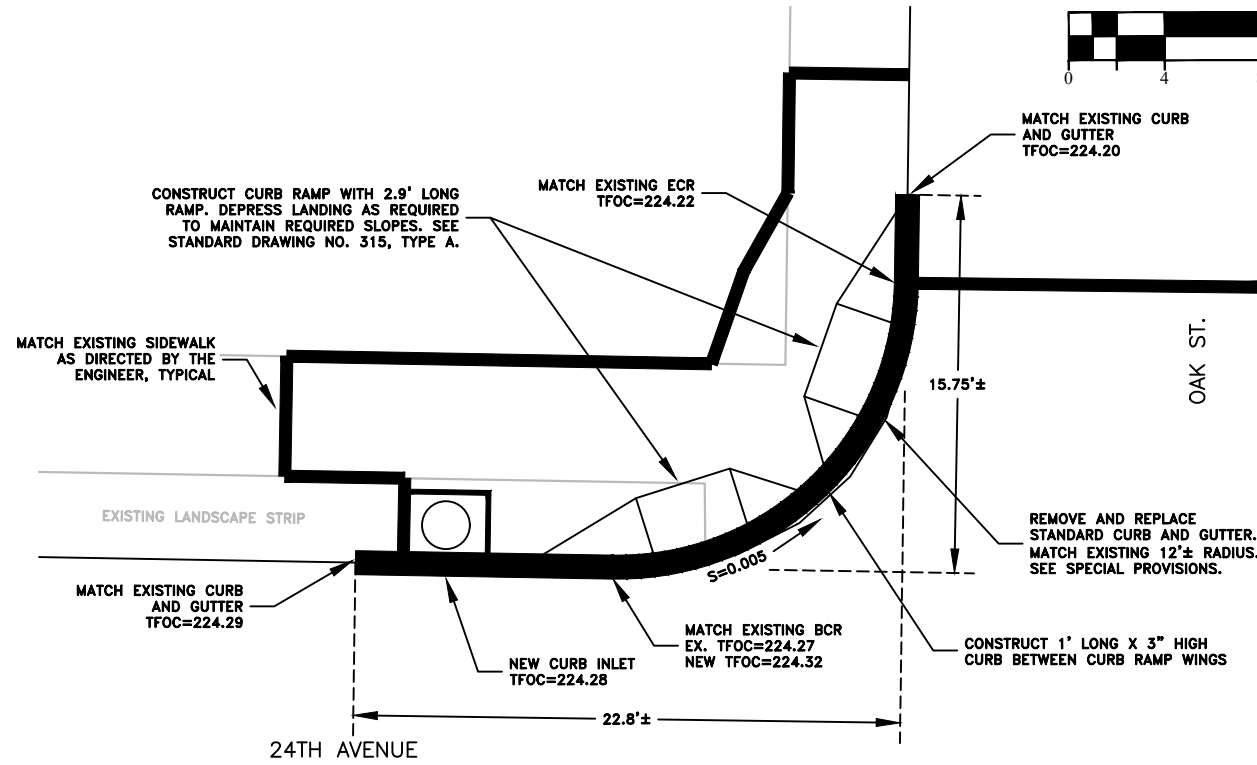
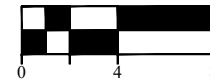
EXPIRATION DATE: 12/31/2021

SHEET NO. 19 OF 60

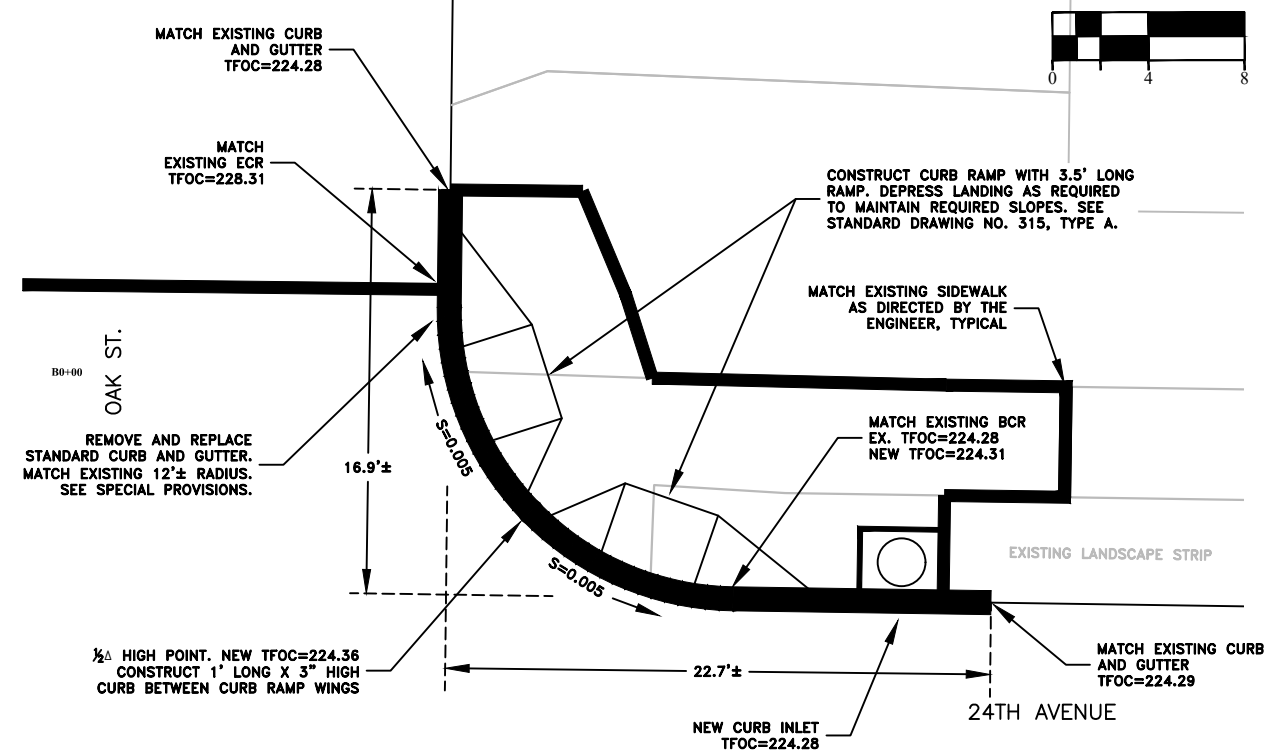
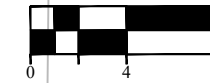
PROJECT NO: ST-21-01

FILE: BASE.DWG

N.W. CORNER OF 24TH AVE. AND OAK ST.



N.E. CORNER OF 24TH AVE. AND OAK ST.



S.W. CORNER OF 24TH AVE. AND OAK ST.

24TH AVENUE

MATCH EXISTING CURB AND GUTTER TFOC=224.52

MATCH EXISTING BCR TFOC=224.35

CONSTRUCT 1' LONG X 3" HIGH CURB BETWEEN CURB RAMP WINGS

EXISTING LANDSCAPE STRIP

NEW CURB INLET

S=0.005

REMOVE AND REPLACE STANDARD CURB AND GUTTER. MATCH EXISTING 12'± RADIUS. SEE SPECIAL PROVISIONS.

MATCH EXISTING ECR TFOC=224.26

MATCH EXISTING SIDEWALK AS DIRECTED BY THE ENGINEER, TYPICAL

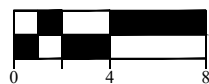
CONSTRUCT CURB RAMP WITH 3.9' LONG RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315, TYPE A.

29.9'±

NEW CURB INLET TFOC=224.23

MATCH EXISTING CURB AND GUTTER TFOC=224.39

OAK ST.



S.E. CORNER OF 24TH AVE. AND OAK ST.

24TH AVENUE

1/2 Δ HIGH POINT. NEW TFOC=224.42 CONSTRUCT 1' LONG X 3" HIGH CURB BETWEEN CURB RAMP WINGS

MATCH EXISTING BCR EX. TFOC=224.24 NEW TFOC=224.36

MATCH EXISTING CURB AND GUTTER TFOC=224.37

REMOVE AND REPLACE STANDARD CURB AND GUTTER. MATCH EXISTING 12'± RADIUS. SEE SPECIAL PROVISIONS.

S=0.006

S=0.005

NEW CURB INLET TFOC=224.32

EXISTING LANDSCAPE STRIP

MATCH EXISTING SIDEWALK AS DIRECTED BY THE ENGINEER, TYPICAL

CONSTRUCT CURB RAMP WITH 3.15' LONG RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315, TYPE A.

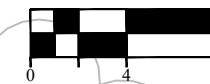
CONSTRUCT CURB RAMP WITH 3.4' LONG RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315, TYPE A.

5' WIDE SIDEWALK SOUTH

NEW CURB INLET

MATCH EXISTING CURB AND GUTTER TFOC=224.42

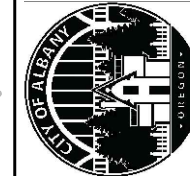
OAK ST.



DESIGNED: C. CERKLEWSKI
DRAWN: C. CERKLEWSKI
CHECKED: S. BELCASTRO
DATE: 1/11/2021

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

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
INTERSECTION DETAILS



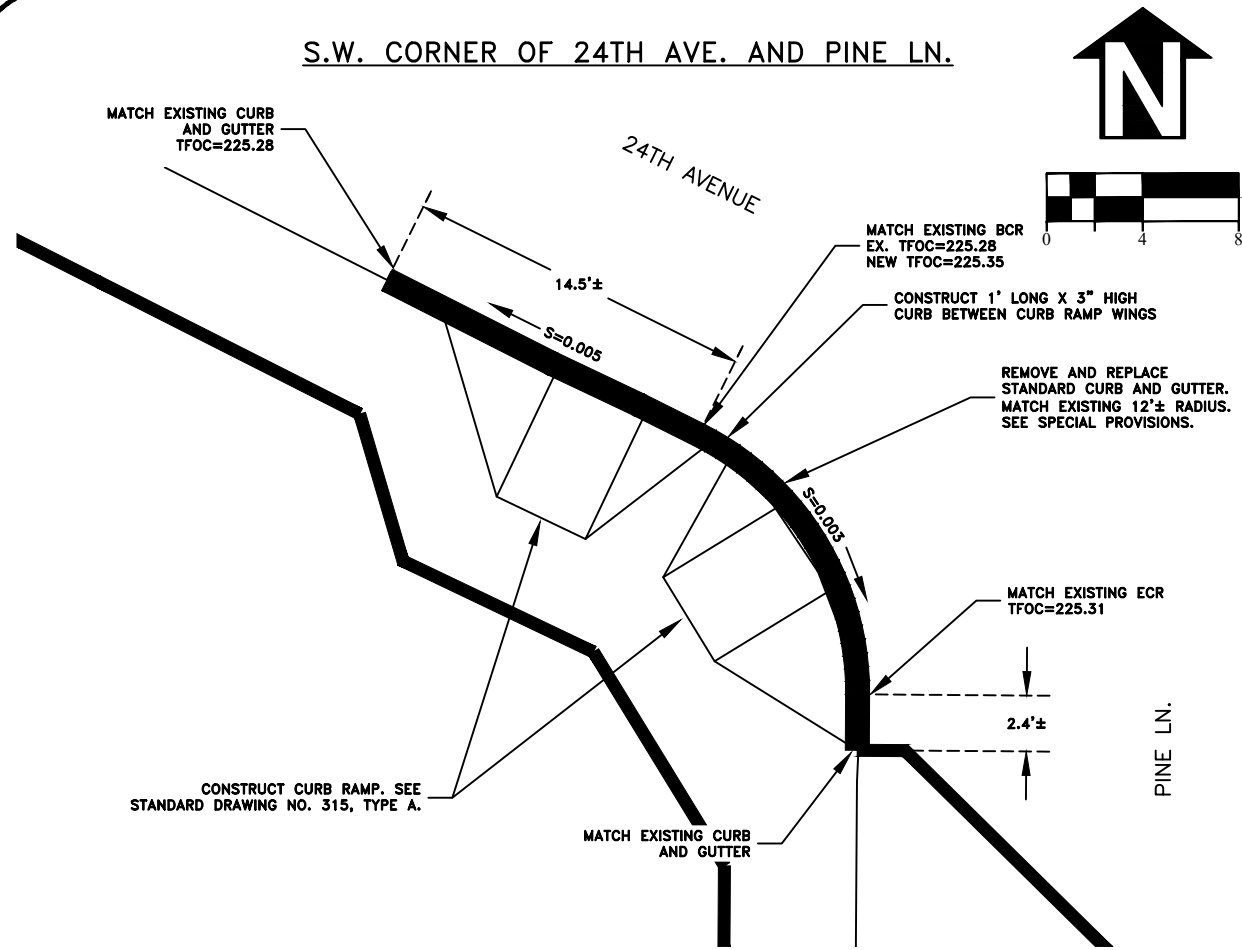
EXPIRATION DATE: 12/31/2021

SHEET NO. 20 OF 60

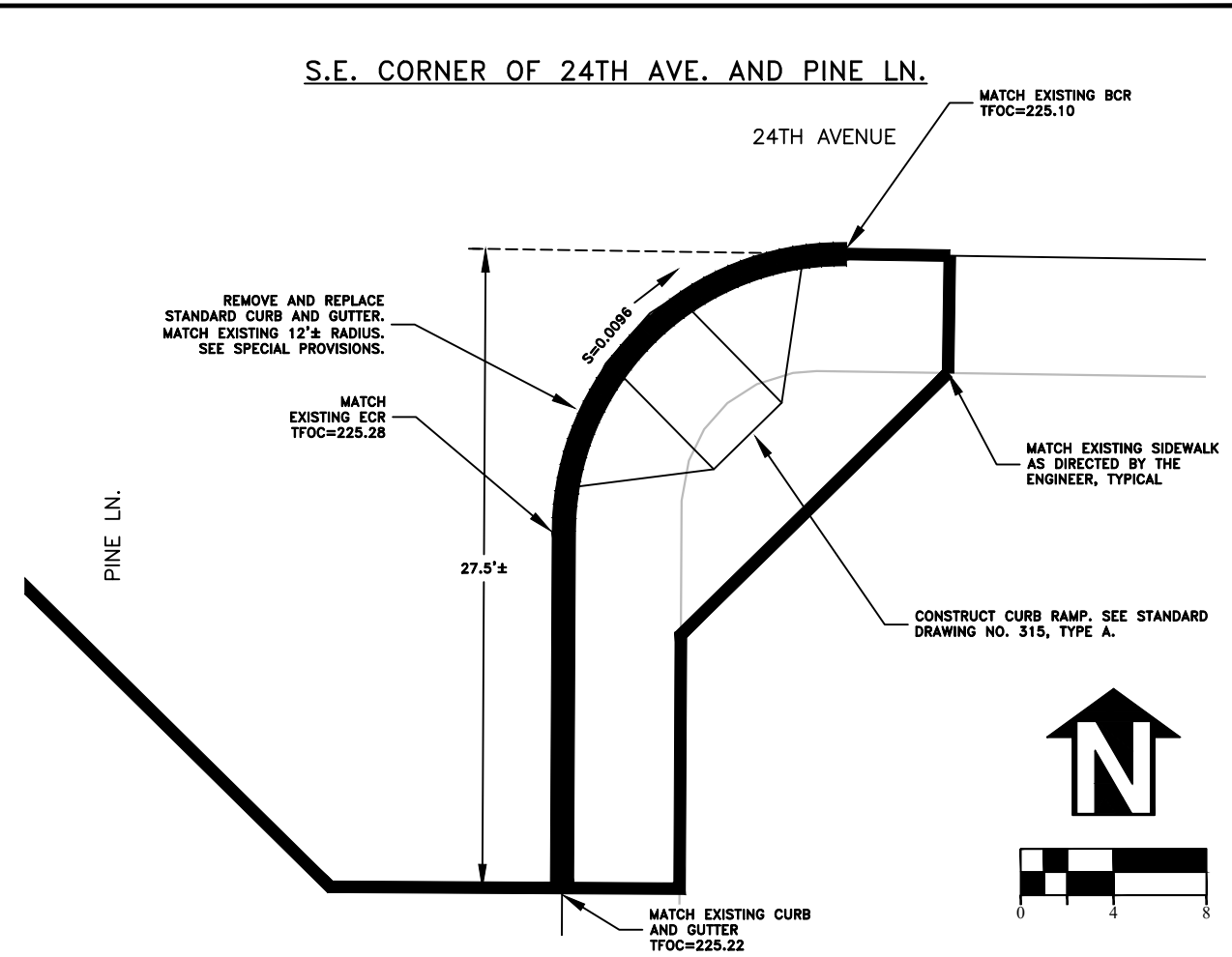
PROJECT NO: ST-21-01

FILE: BASE.DWG

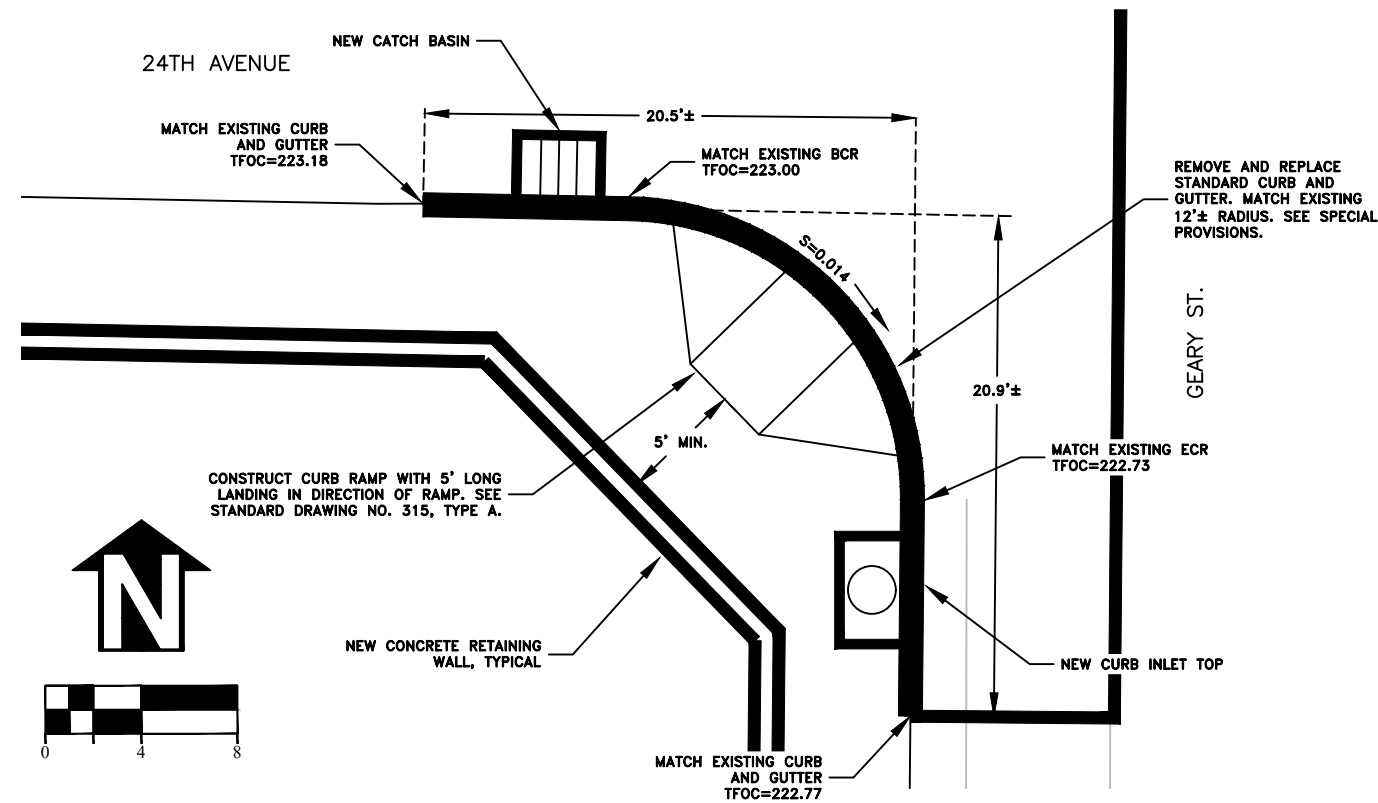
S.W. CORNER OF 24TH AVE. AND PINE LN.



S.E. CORNER OF 24TH AVE. AND PINE LN.



S.W. CORNER OF 24TH AVE. AND GEARY ST.



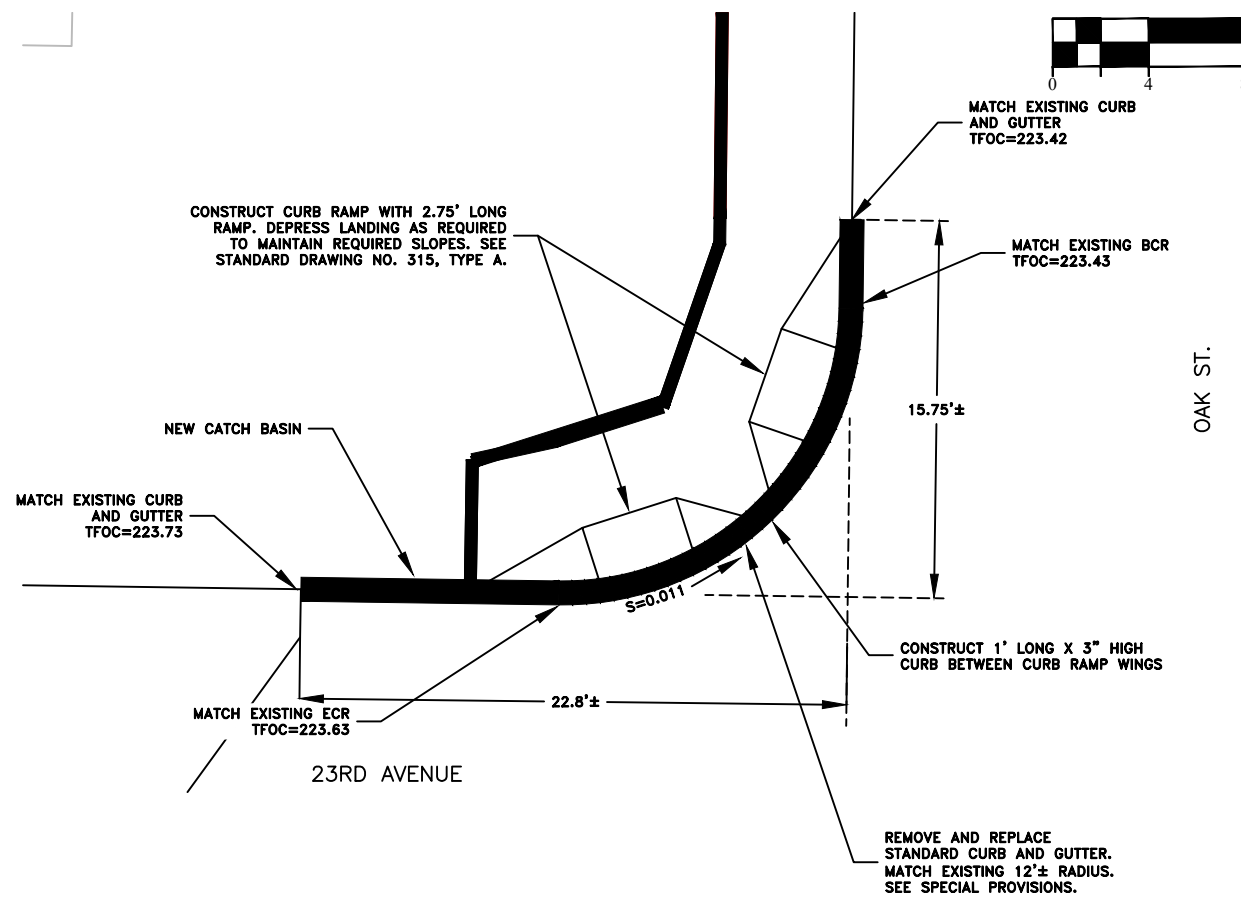
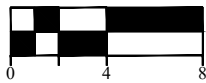
DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES
 ST-21-01, 24TH AVENUE REHABILITATION
 INTERSECTION DETAILS

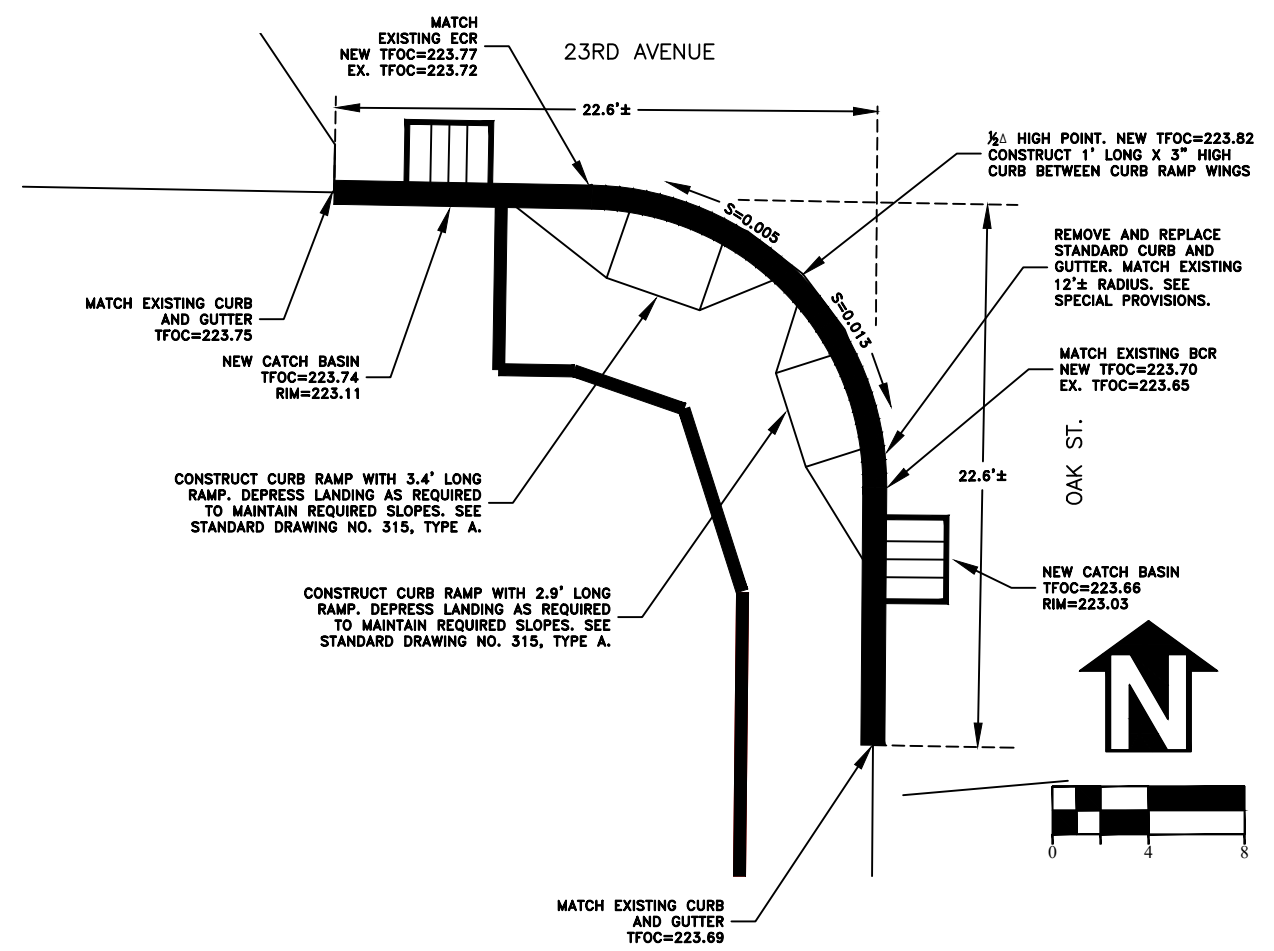


EXPIRATION DATE: 12/31/2021
 SHEET NO. 21 OF 60
 PROJECT NO: ST-21-01
 FILE: BASE.DWG

N.W. CORNER OF OAK ST. AND 23RD AVE.




S.W. CORNER OF OAK ST. AND 23RD AVE.



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
INTERSECTION DETAILS

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

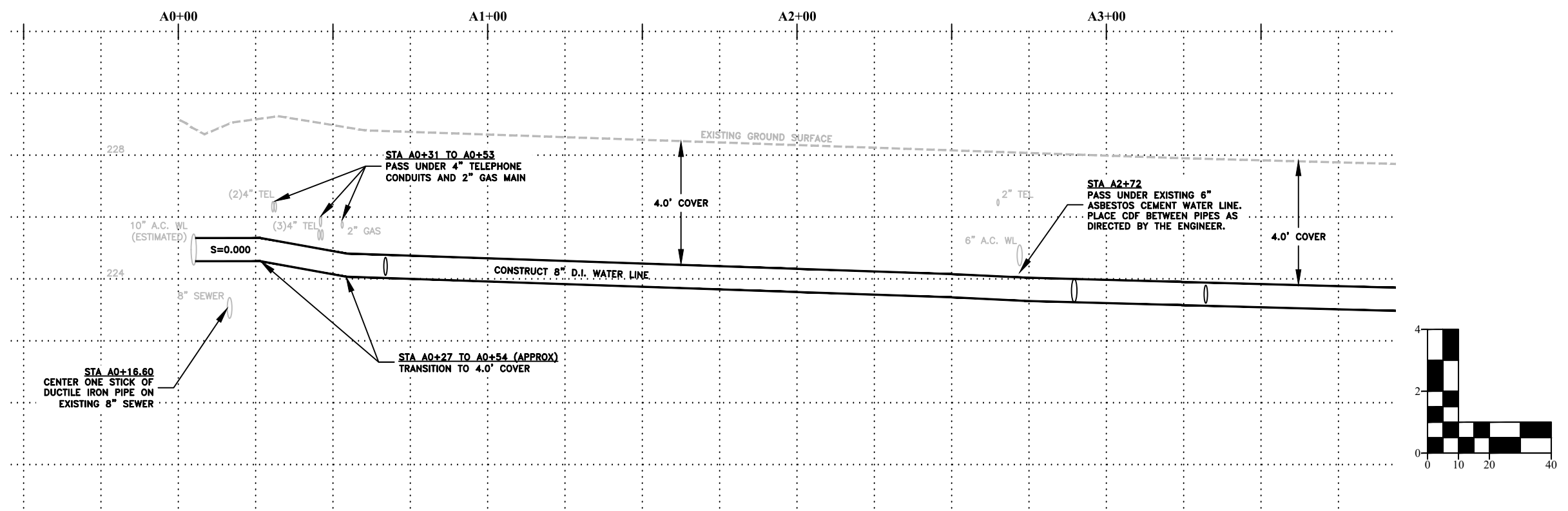
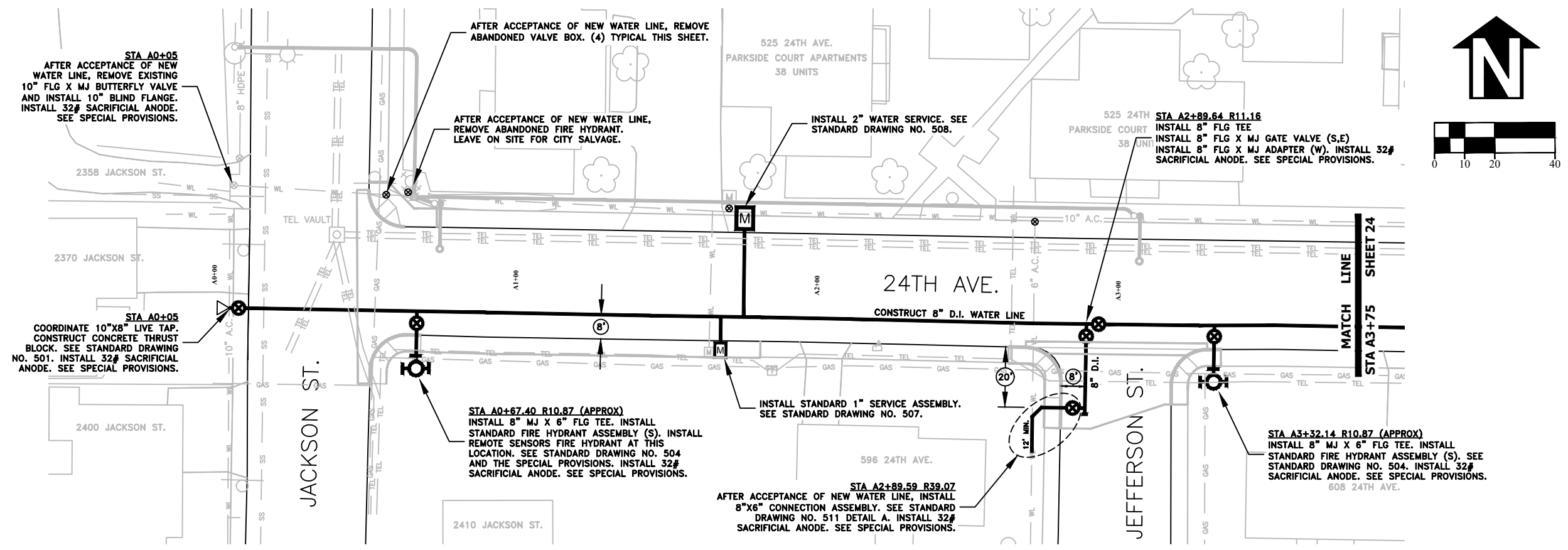
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 22 OF 60


PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

CHRISTOPHER L. CERKLEWSKI

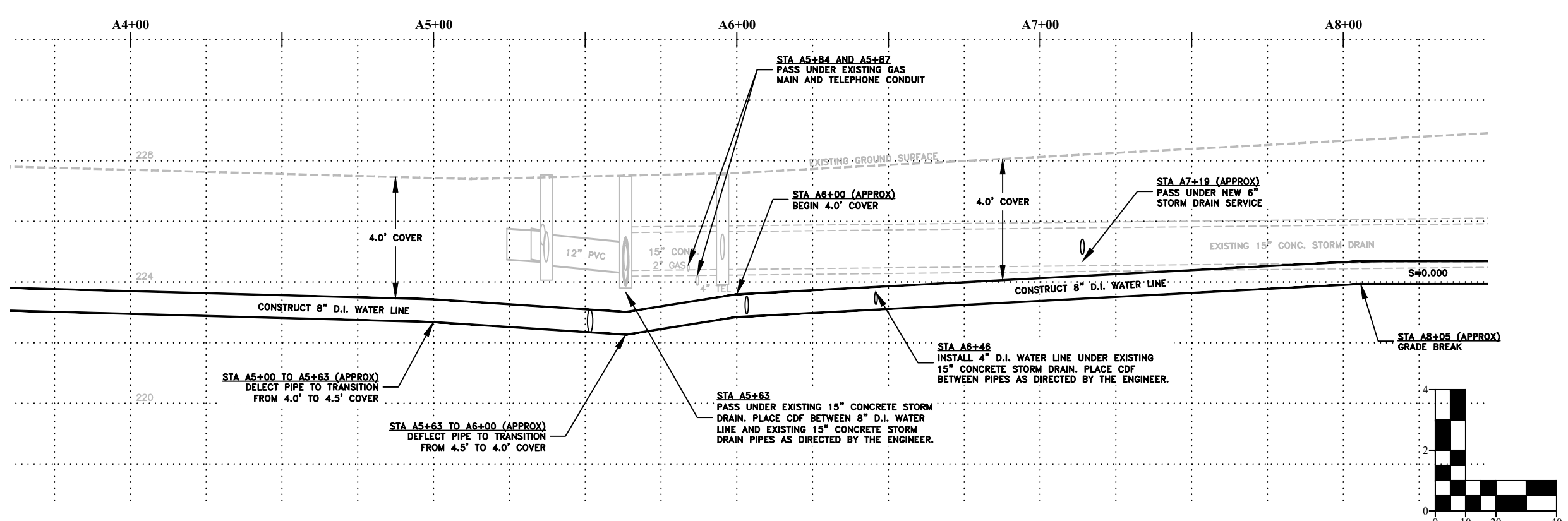
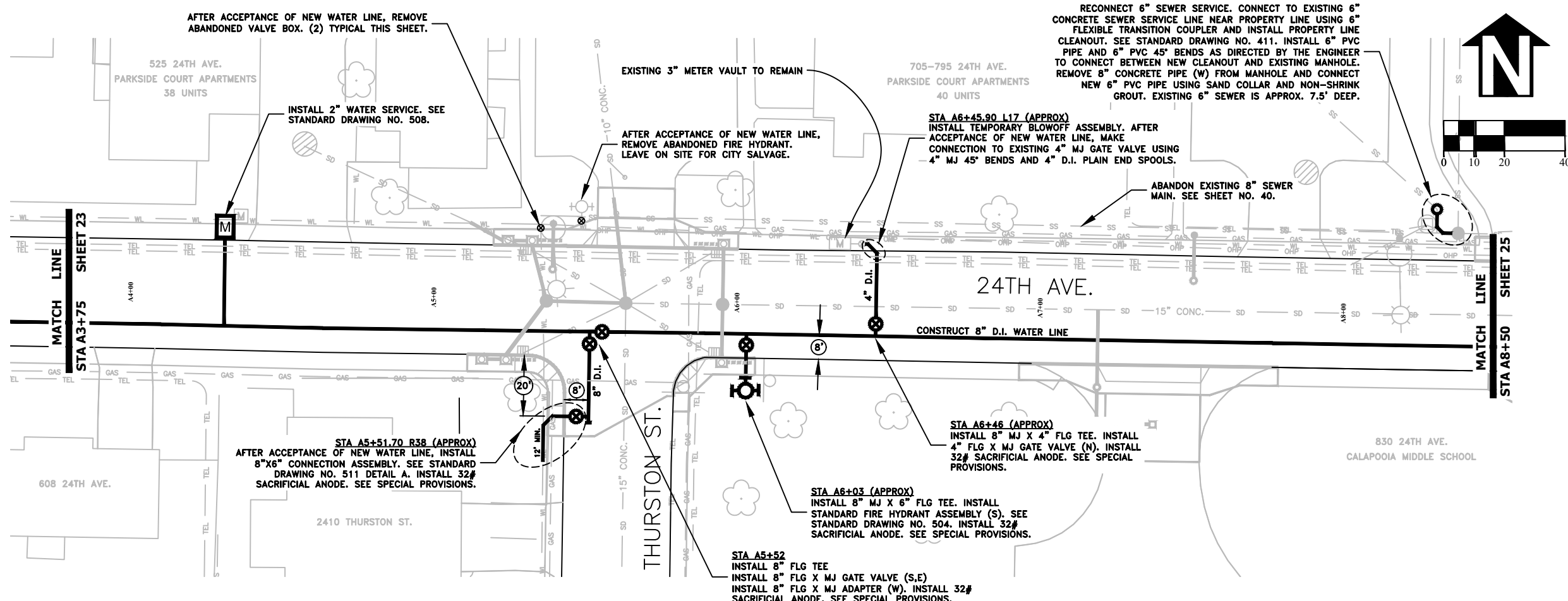
OREGON
JULY 9, 2002

EXPIRATION DATE: 12/31/2021

SHEET NO. 23 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

REVISIONS	NO.	BY:	DATE:

PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
 WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

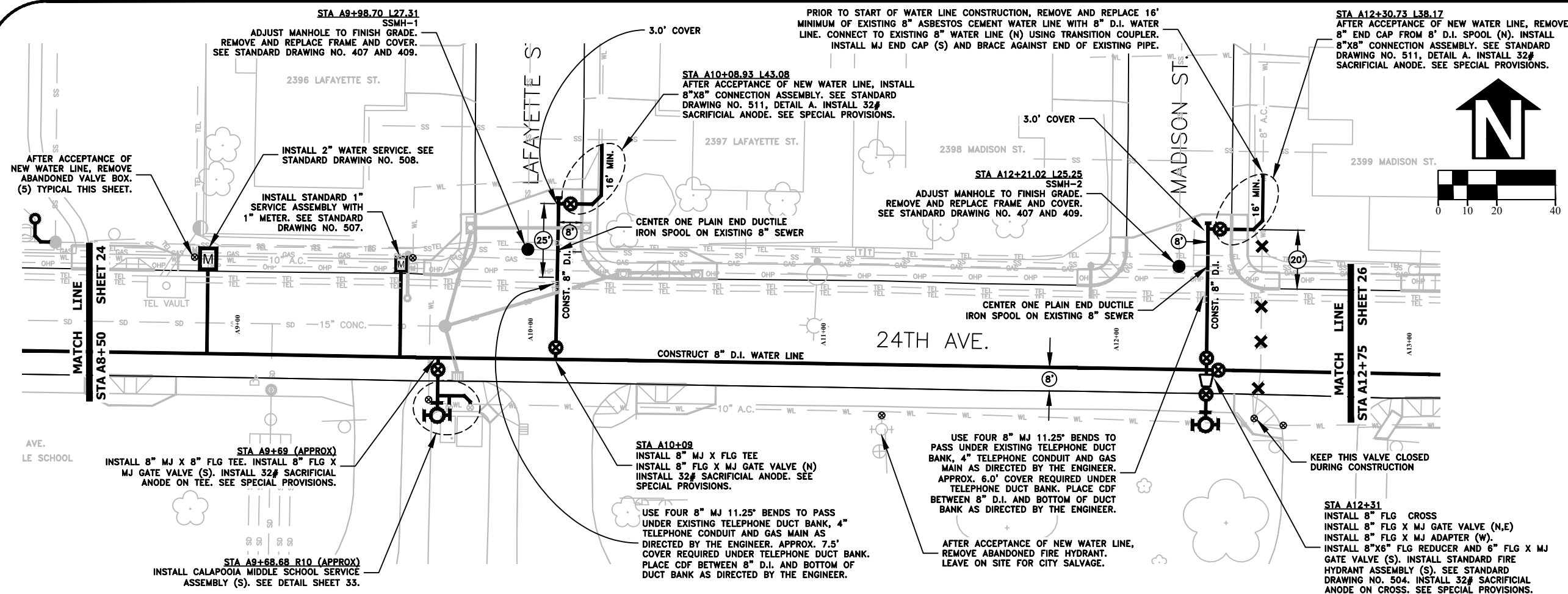
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 24 OF 60

PROJECT NO: ST-21-01

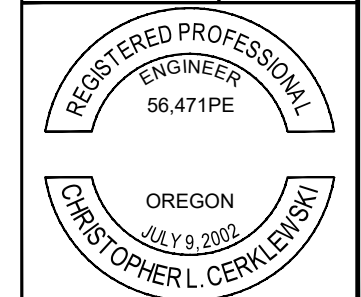
FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

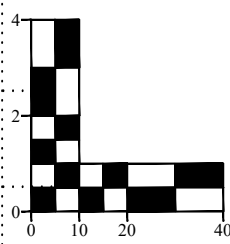
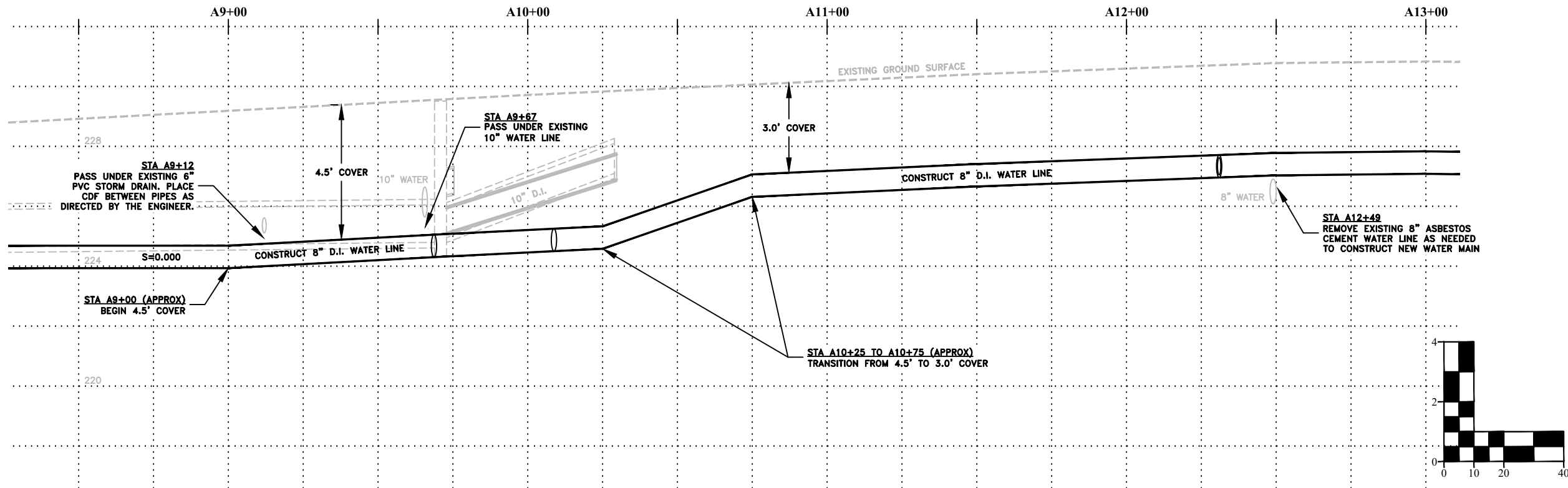


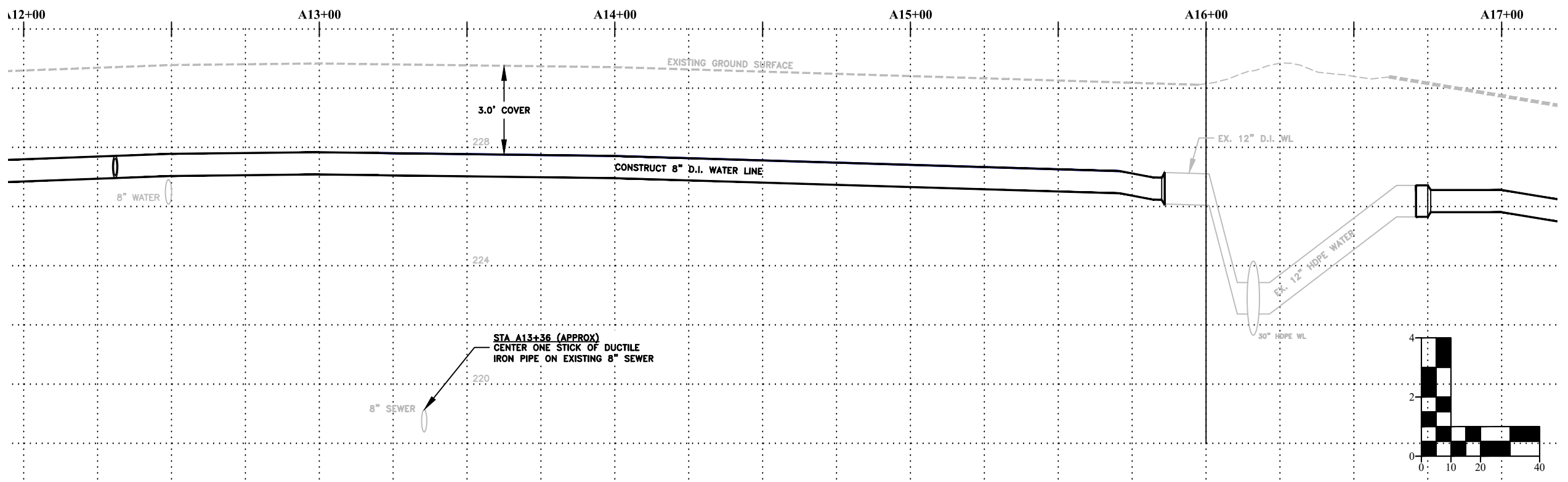
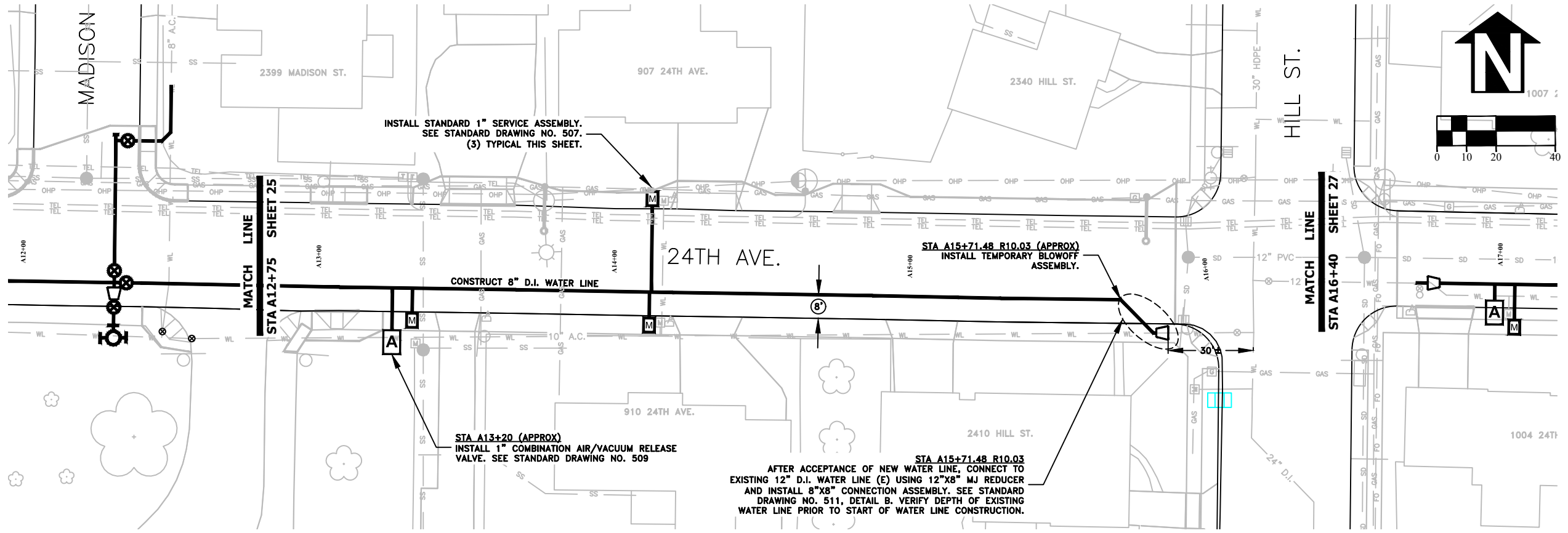
EXPIRATION DATE: 12/31/2021

SHEET NO. 25 OF 60

PROJECT NO: ST-21-01


FILE: BASE.DWG





DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

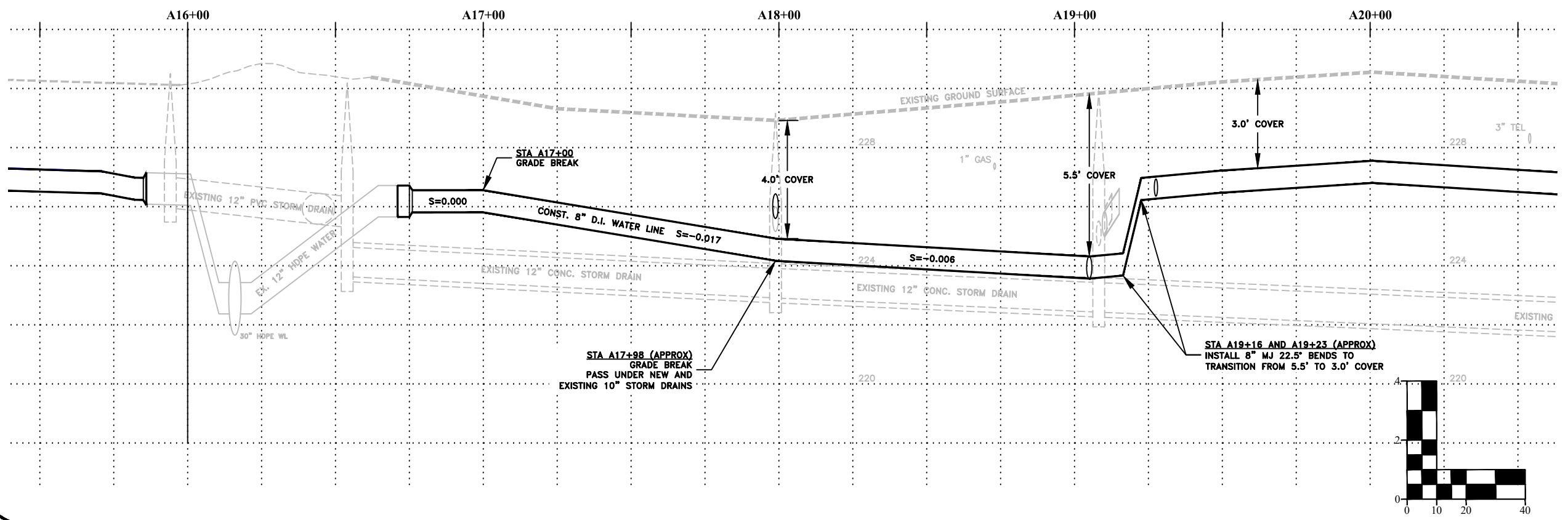
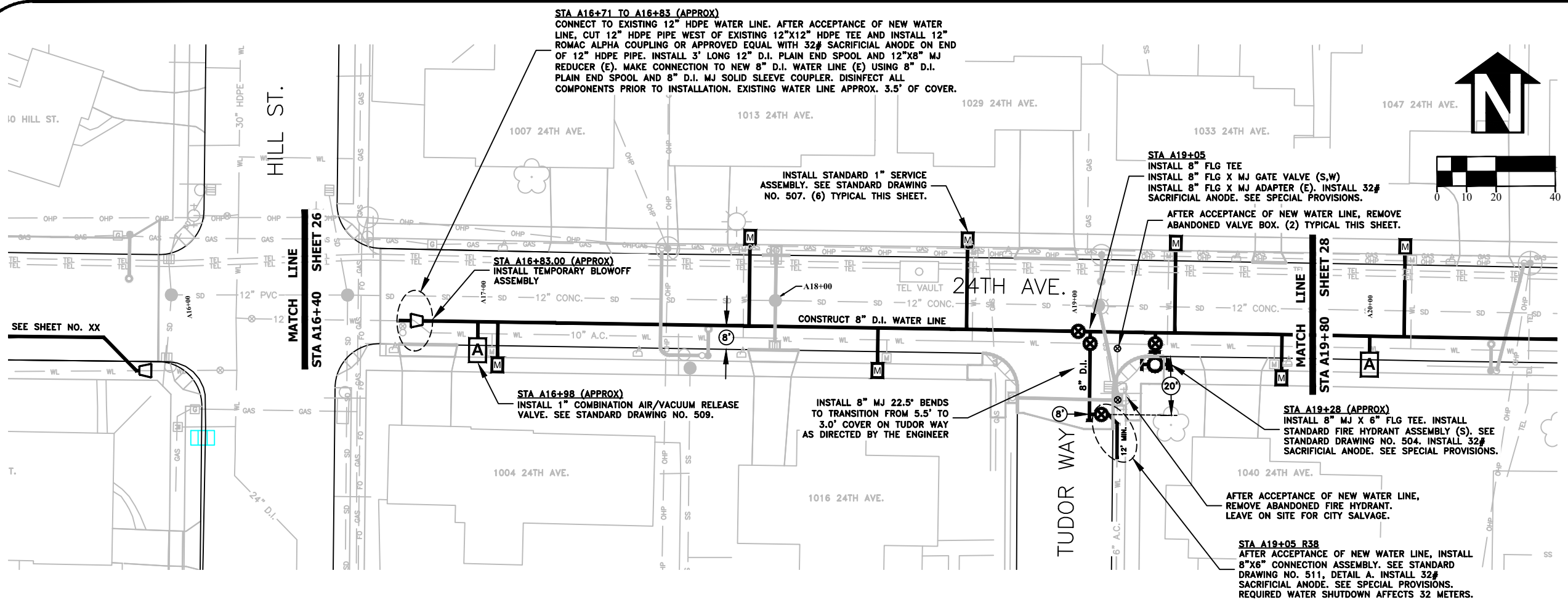
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 26 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



STA A16+71 TO A16+83 (APPROX)
 CONNECT TO EXISTING 12" HDPE WATER LINE. AFTER ACCEPTANCE OF NEW WATER LINE, CUT 12" HDPE PIPE WEST OF EXISTING 12"x12" HDPE TEE AND INSTALL 12" ROMAC ALPHA COUPLING OR APPROVED EQUAL WITH 32# SACRIFICIAL ANODE ON END OF 12" HDPE PIPE. INSTALL 3' LONG 12" D.I. PLAIN END SPOOL AND 12"x8" MJ REDUCER (E). MAKE CONNECTION TO NEW 8" D.I. WATER LINE (E) USING 8" D.I. PLAIN END SPOOL AND 8" D.I. MJ SOLID SLEEVE COUPLER. DISINFECT ALL COMPONENTS PRIOR TO INSTALLATION. EXISTING WATER LINE APPROX. 3.5' OF COVER.

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STANDARD DRAWING NO. 507. (6) TYPICAL THIS SHEET.

STA A19+05
 INSTALL 8" FLG TEE
 INSTALL 8" FLG X MJ GATE VALVE (S,W)
 INSTALL 8" FLG X MJ ADAPTER (E). INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE ABANDONED VALVE BOX. (2) TYPICAL THIS SHEET.

STA A16+83.00 (APPROX)
 INSTALL TEMPORARY BLOWOFF ASSEMBLY

STA A16+98 (APPROX)
 INSTALL 1" COMBINATION AIR/VACUUM RELEASE VALVE. SEE STANDARD DRAWING NO. 509.

INSTALL 8" MJ 22.5° BENDS TO TRANSITION FROM 5.5' TO 3.0' COVER ON TUDOR WAY AS DIRECTED BY THE ENGINEER

STA A19+28 (APPROX)
 INSTALL 8" MJ X 6" FLG TEE. INSTALL STANDARD FIRE HYDRANT ASSEMBLY (S). SEE STANDARD DRAWING NO. 504. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.


AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE ABANDONED FIRE HYDRANT. LEAVE ON SITE FOR CITY SALVAGE.

STA A19+05 R38
 AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8"x6" CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL A. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS. REQUIRED WATER SHUTDOWN AFFECTS 32 METERS.

DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

REVISIONS	NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

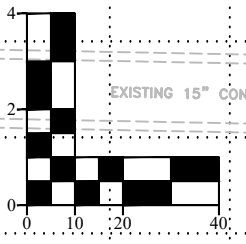
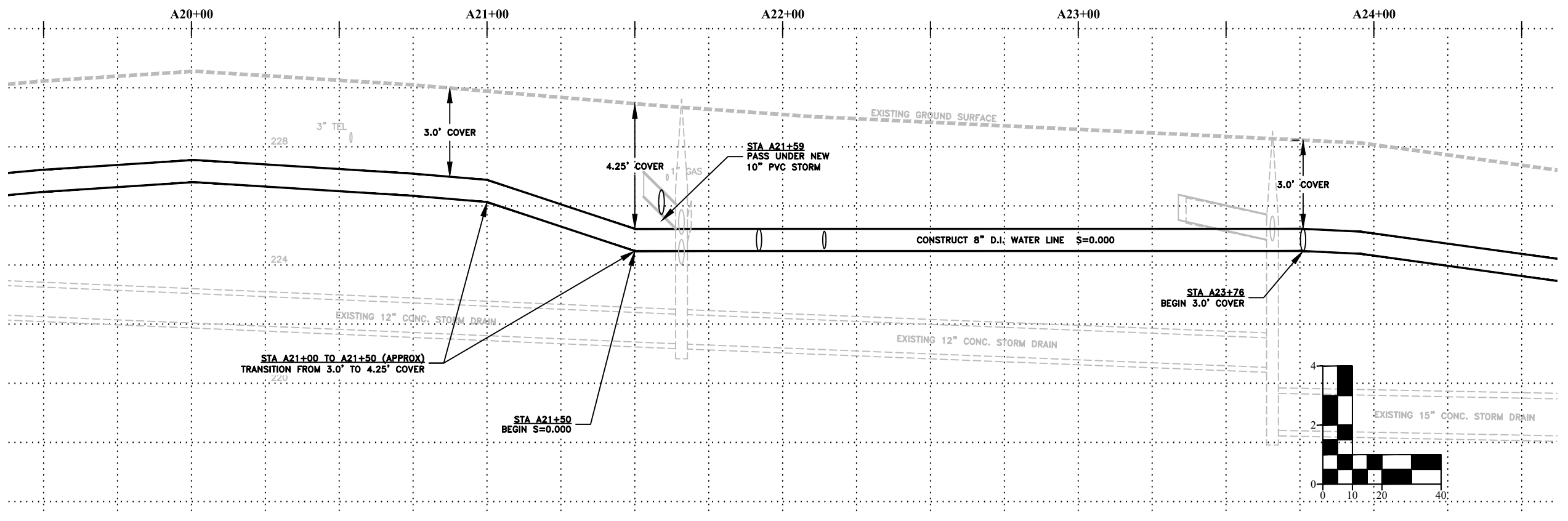
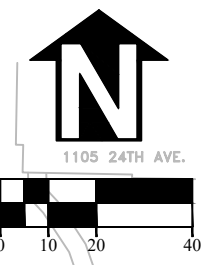
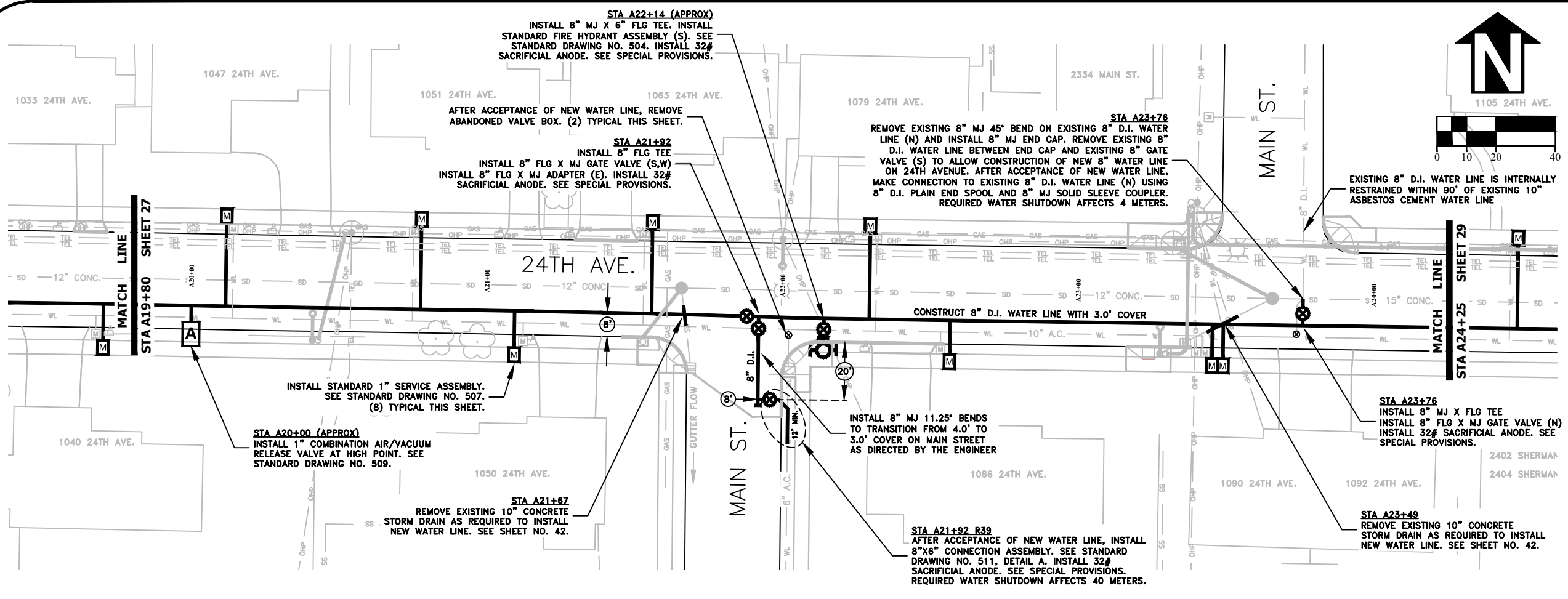
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 27 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

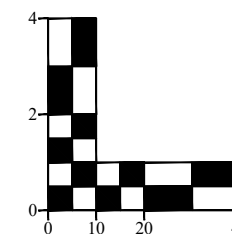
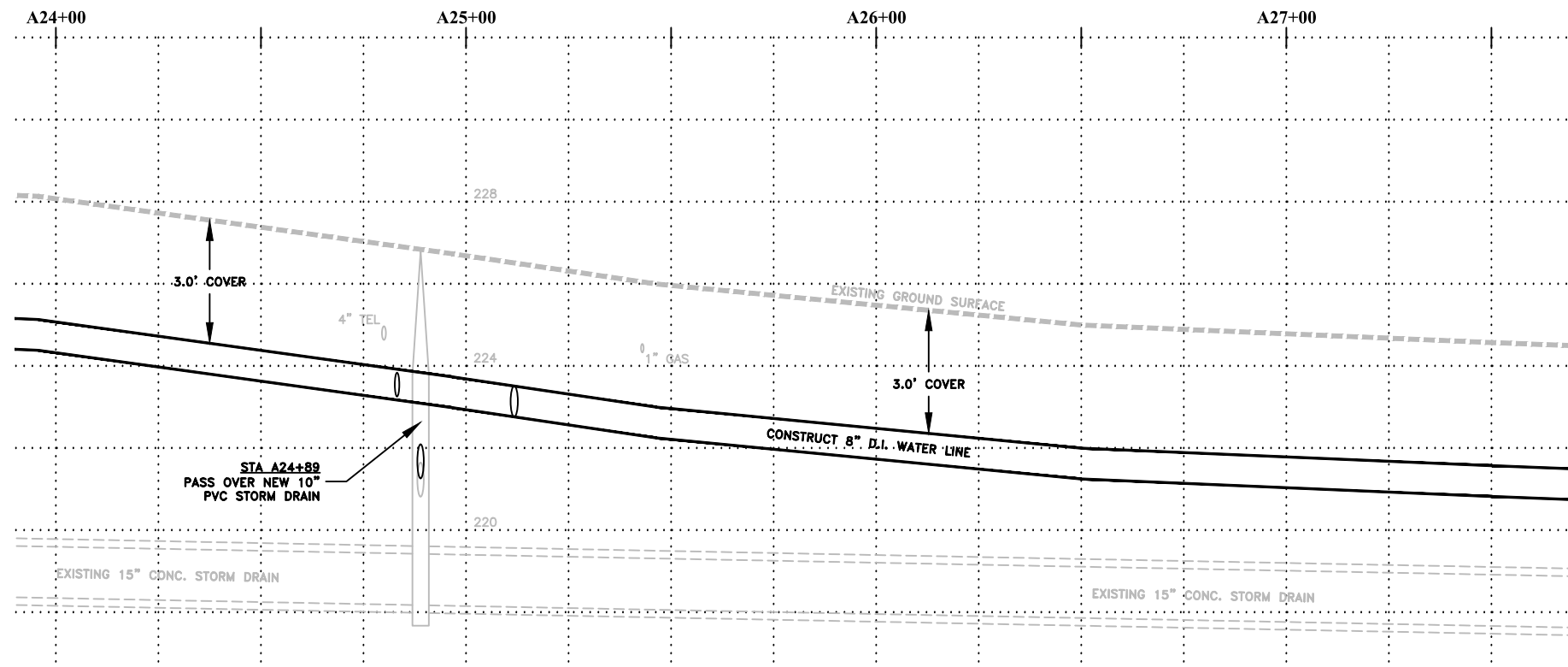
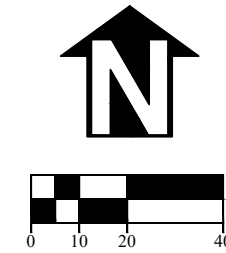
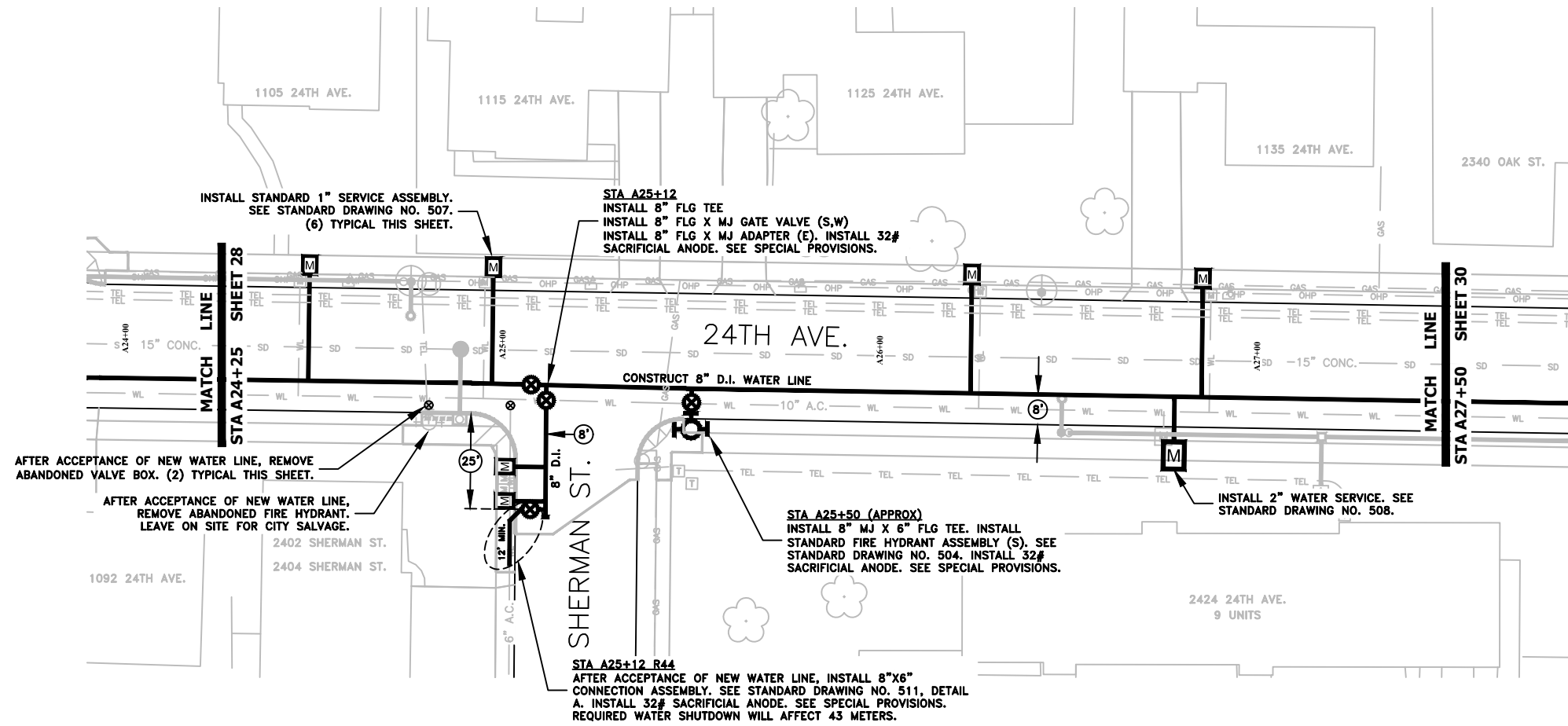


EXPIRATION DATE: 12/31/2021

SHEET NO. 28 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

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PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
 WATER LINE CONSTRUCTION



EXPIRATION DATE: 12/31/2021

SHEET NO. 29 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

STA A28+60 L30
 CONNECT TO EXISTING 8" HDPE WATER LINE. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 8" D.I. MJ PLUG (S) AND EXISTING 6" FLG X MJ GATE VALVE (E) FROM EXISTING 8"x6" D.I. TEE. INSTALL 6" BLIND FLANGE (E). MAKE CONNECTION TO NEW 8" D.I. WATER LINE (S) USING 8" D.I. PLAIN END SPOOL AND 8" D.I. MJ SOLID SLEEVE COUPLER. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS. REQUIRED WATER SHUTDOWN AFFECTS 6 METERS.

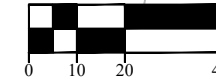
STA A28+60 L20 (APPROX)
 INSTALL TEMPORARY BLOWOFF ASSEMBLY

KEEP THIS VALVE CLOSED DURING CONSTRUCTION

INSTALL 8" MJ 45° BENDS TO SHIFT ALIGNMENT AS SHOWN. INSTALL 8" D.I. WATER LINE OVER EXISTING TELEPHONE CONDUITS AND UNDER EXISTING GAS MAIN.

STA A28+79
 INSTALL 8" FLG CROSS
 INSTALL 8" FLG X MJ GATE VALVE (N,S,E)
 INSTALL 8" FLG X MJ ADAPTER (W). INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STANDARD DRAWING NO. 507. (6) TYPICAL THIS SHEET.



STA A30+87 (APPROX)
 INSTALL 8" D.I. MJ 22.5° BEND

MATCH LINE
STA A27+50
SHEET 29

STA A28+01 (APPROX)
 PRIOR TO START OF WATER LINE CONSTRUCTION, REMOVE APPROX. 5' OF EXISTING 10" ASBESTOS CEMENT WATER LINE. INSTALL 10" D.I. 3' PLAIN END SPOOL WITH MJ END CAP (E) AND BRACE AGAINST END OF EXISTING PIPE.

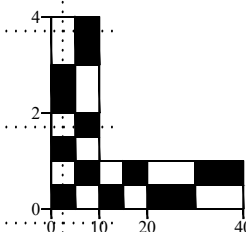
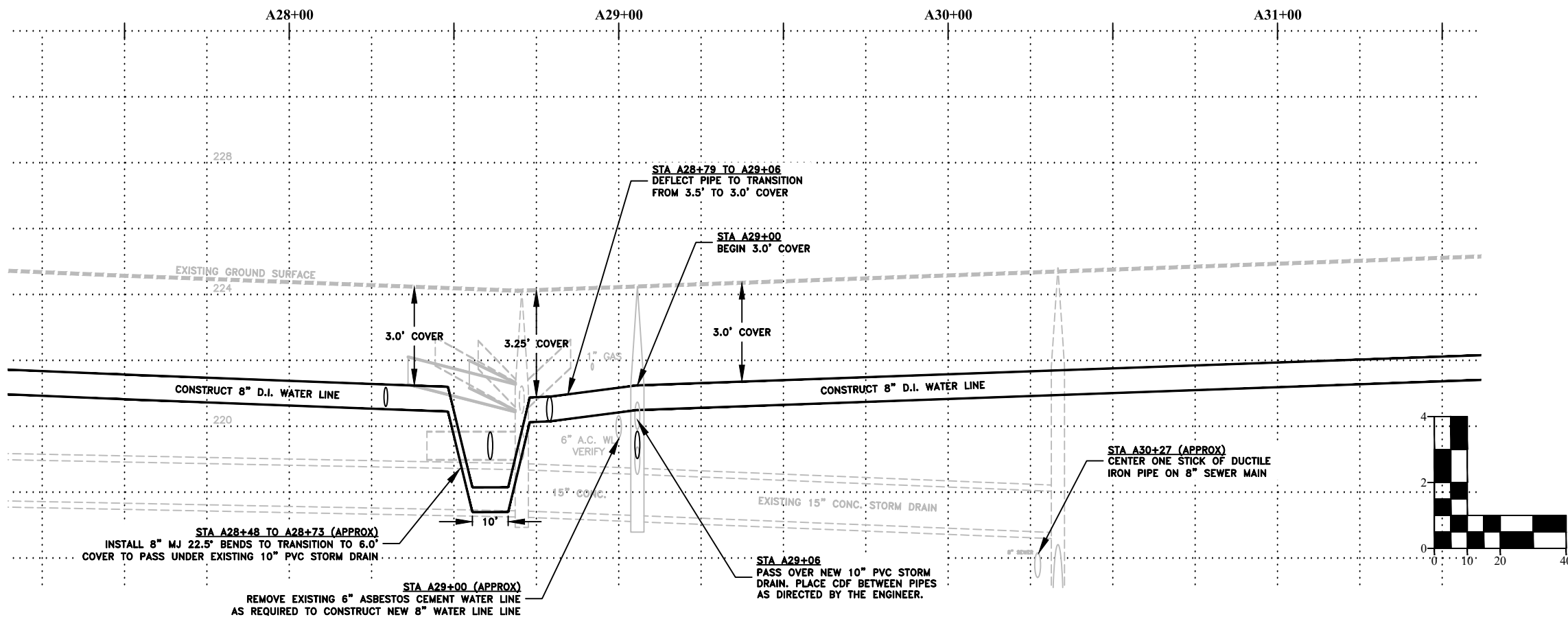
STA A28+29 (APPROX)
 INSTALL 8" MJ X 6" FLG TEE. INSTALL STANDARD FIRE HYDRANT ASSEMBLY (S). SEE STANDARD DRAWING NO. 504. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

STA A28+65 R43
 AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8"x6" CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL A. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS. REQUIRED WATER SHUTDOWN AFFECTS 27 METERS.

INSTALL 8" MJ 45° BENDS TO SHIFT ALIGNMENT AS SHOWN

AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE ABANDONED VALVE BOX. (3) TYPICAL THIS SHEET.

STA A29+53 (APPROX)
 PRIOR TO START OF WATER LINE CONSTRUCTION, REMOVE APPROX. 5' OF EXISTING 10" ASBESTOS CEMENT WATER LINE. INSTALL 10" D.I. 3' PLAIN END SPOOL WITH MJ END CAP (E) AND BRACE AGAINST END OF EXISTING PIPE.



DESIGNED: C. CERKLEWSKI	REVISIONS
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DATE: 1/11/2021	DATE: ---

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ENGINEERING SERVICES

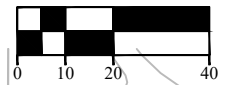
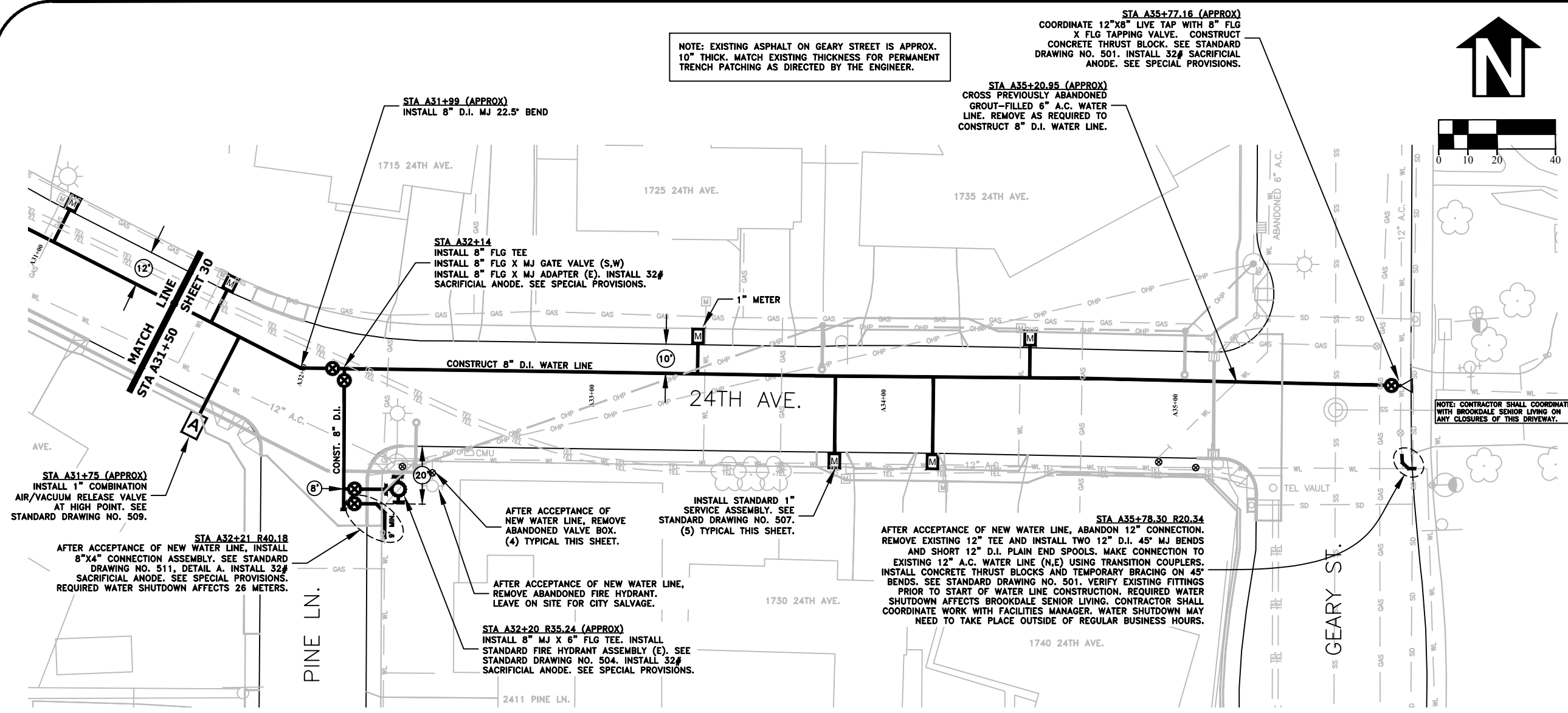


ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

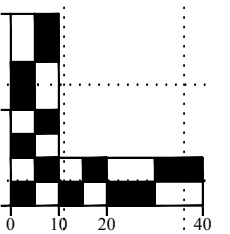
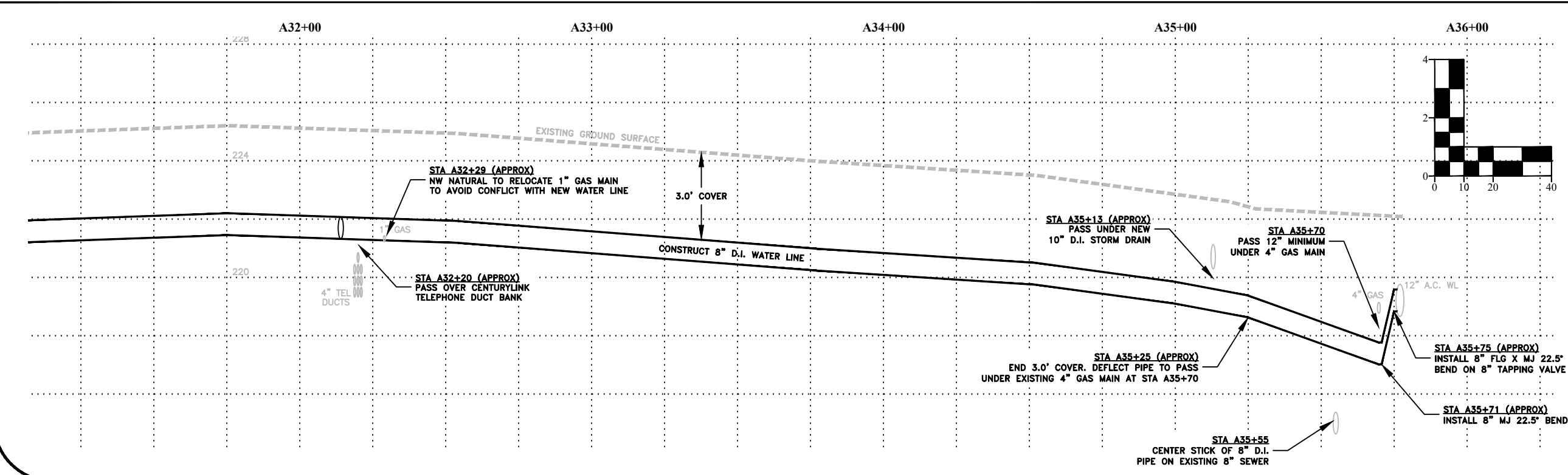
EXPIRATION DATE: 12/31/2021
 SHEET NO. 30 OF 60
 PROJECT NO: ST-21-01
 FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION



REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 31 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

NOTE: FINAL TIE-IN FOR WATER LINE AT TUDOR WAY AND 27TH AVENUE SHALL BE COMPLETED PRIOR TO PERFORMING ANY OTHER TIE-INS. SEE SPECIAL PROVISIONS.

STA C0+40
REMOVE EXISTING 8" BLIND FLANGE ON EXISTING 8"x8" CROSS. INSTALL 8" FLG X MJ GATE VALVE (N). INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS. INSTALL 3' LONG 8" D.I. PLAIN END SPOOL AND 8" MJ 11.25' BEND (N). DEPTH TO TOP OF PIPE IS APPROX. 4.0'.

STA C0+40 120.00 (APPROX)
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 1" WATER SERVICE. REMOVE EXISTING 1" CORPORATION STOP AND INSTALL BRASS PLUG.

STA C0+70 (APPROX)
INSTALL 8" MJ 11.25' BEND. BEGIN 3.0' COVER.

STA C1+57
PASS OVER 48" RCP STORM DRAIN

STA C0+63 (APPROX)
CROSS ABANDONED 6" STEEL WATER LINE.

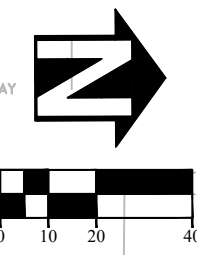
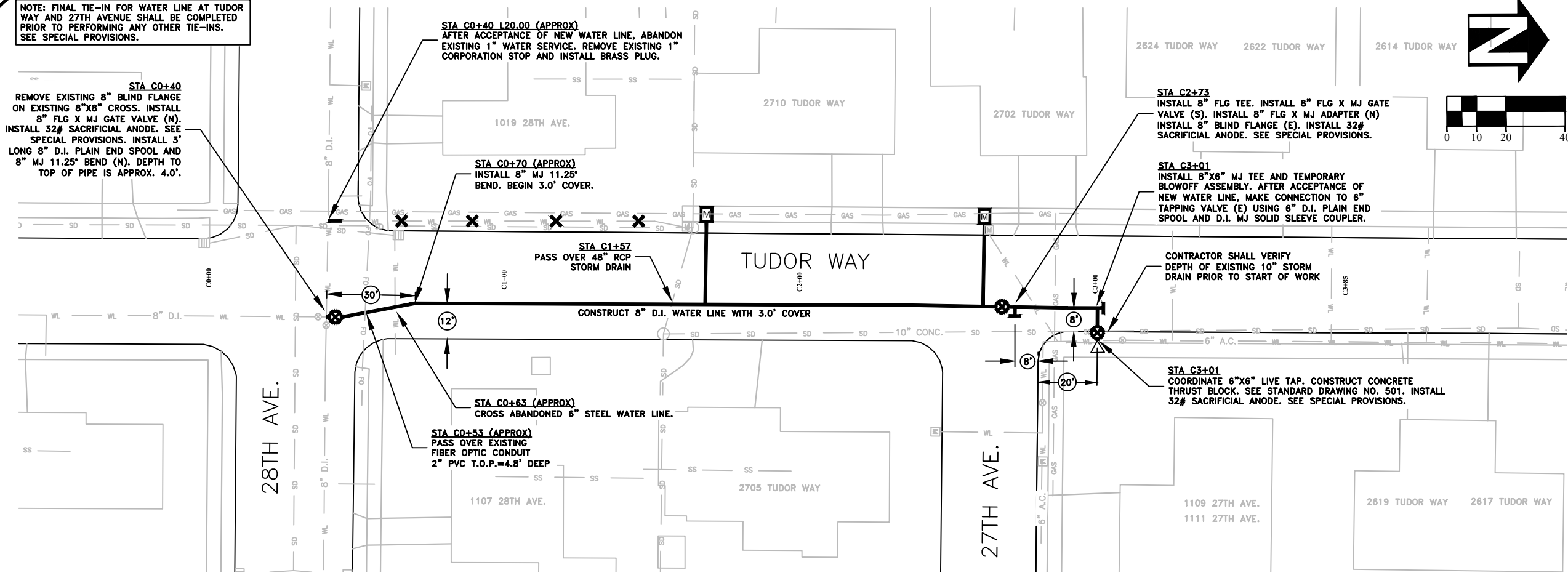
STA C0+53 (APPROX)
PASS OVER EXISTING FIBER OPTIC CONDUIT 2" PVC T.O.P.=4.8' DEEP

STA C2+73
INSTALL 8" FLG TEE. INSTALL 8" FLG X MJ GATE VALVE (S). INSTALL 8" FLG X MJ ADAPTER (N) INSTALL 8" BLIND FLANGE (E). INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

STA C3+01
INSTALL 8"x6" MJ TEE AND TEMPORARY BLOWOFF ASSEMBLY. AFTER ACCEPTANCE OF NEW WATER LINE, MAKE CONNECTION TO 6" TAPPING VALVE (E) USING 6" D.I. PLAIN END SPOOL AND D.I. MJ SOLID SLEEVE COUPLER.

CONTRACTOR SHALL VERIFY DEPTH OF EXISTING 10" STORM DRAIN PRIOR TO START OF WORK

STA C3+01
COORDINATE 6"x6" LIVE TAP. CONSTRUCT CONCRETE THRUST BLOCK. SEE STANDARD DRAWING NO. 501. INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.



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DRAWN: C. CERKLEWSKI	NO: ---
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DATE: 1/11/2021	DATE: ---

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ENGINEERING SERVICES**

**ST-21-01, 24TH AVENUE REHABILITATION
WATER LINE CONSTRUCTION**



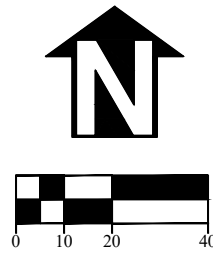
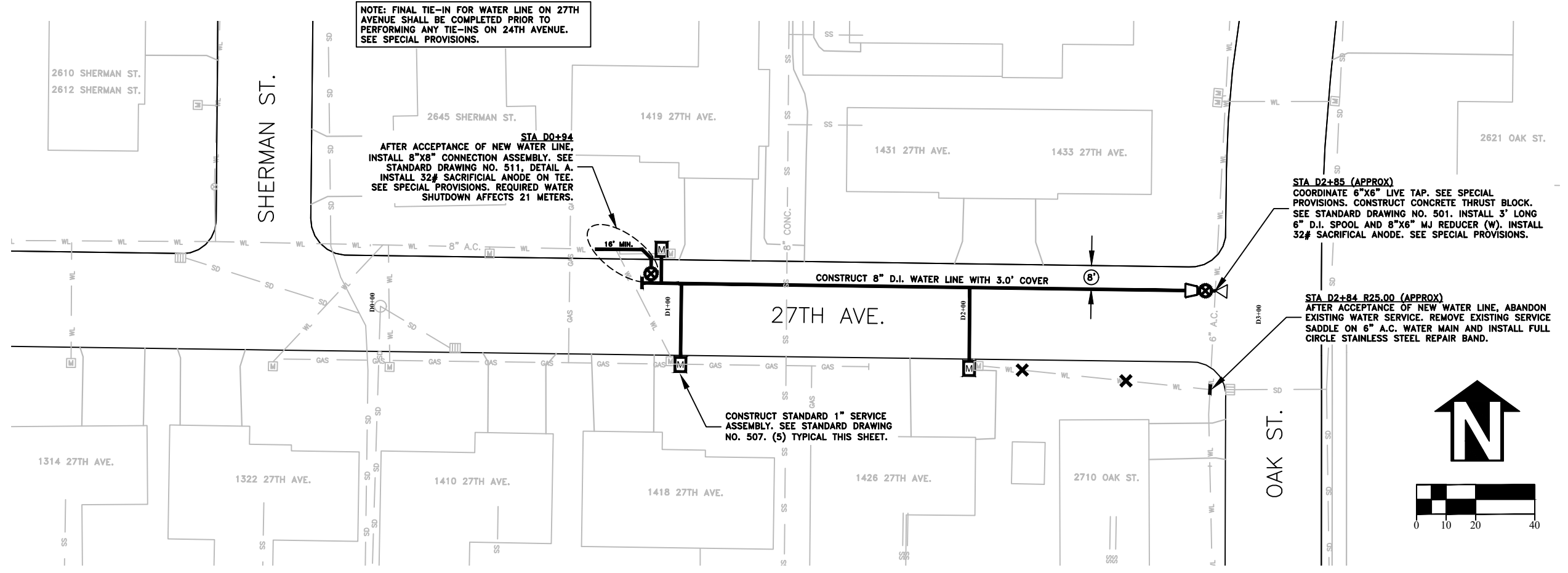
NOTE: FINAL TIE-IN FOR WATER LINE ON 27TH AVENUE SHALL BE COMPLETED PRIOR TO PERFORMING ANY TIE-INS ON 24TH AVENUE. SEE SPECIAL PROVISIONS.

STA D0+94
AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8"x8" CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL A. INSTALL 32# SACRIFICIAL ANODE ON TEE. SEE SPECIAL PROVISIONS. REQUIRED WATER SHUTDOWN AFFECTS 21 METERS.

STA D2+85 (APPROX)
COORDINATE 6"x6" LIVE TAP. SEE SPECIAL PROVISIONS. CONSTRUCT CONCRETE THRUST BLOCK. SEE STANDARD DRAWING NO. 501. INSTALL 3' LONG 6" D.I. SPOOL AND 8"x6" MJ REDUCER (W). INSTALL 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

STA D2+84 R25.00 (APPROX)
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING WATER SERVICE. REMOVE EXISTING SERVICE SADDLE ON 6" A.C. WATER MAIN AND INSTALL FULL CIRCLE STAINLESS STEEL REPAIR BAND.

CONSTRUCT STANDARD 1" SERVICE ASSEMBLY. SEE STANDARD DRAWING NO. 507. (5) TYPICAL THIS SHEET.



REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

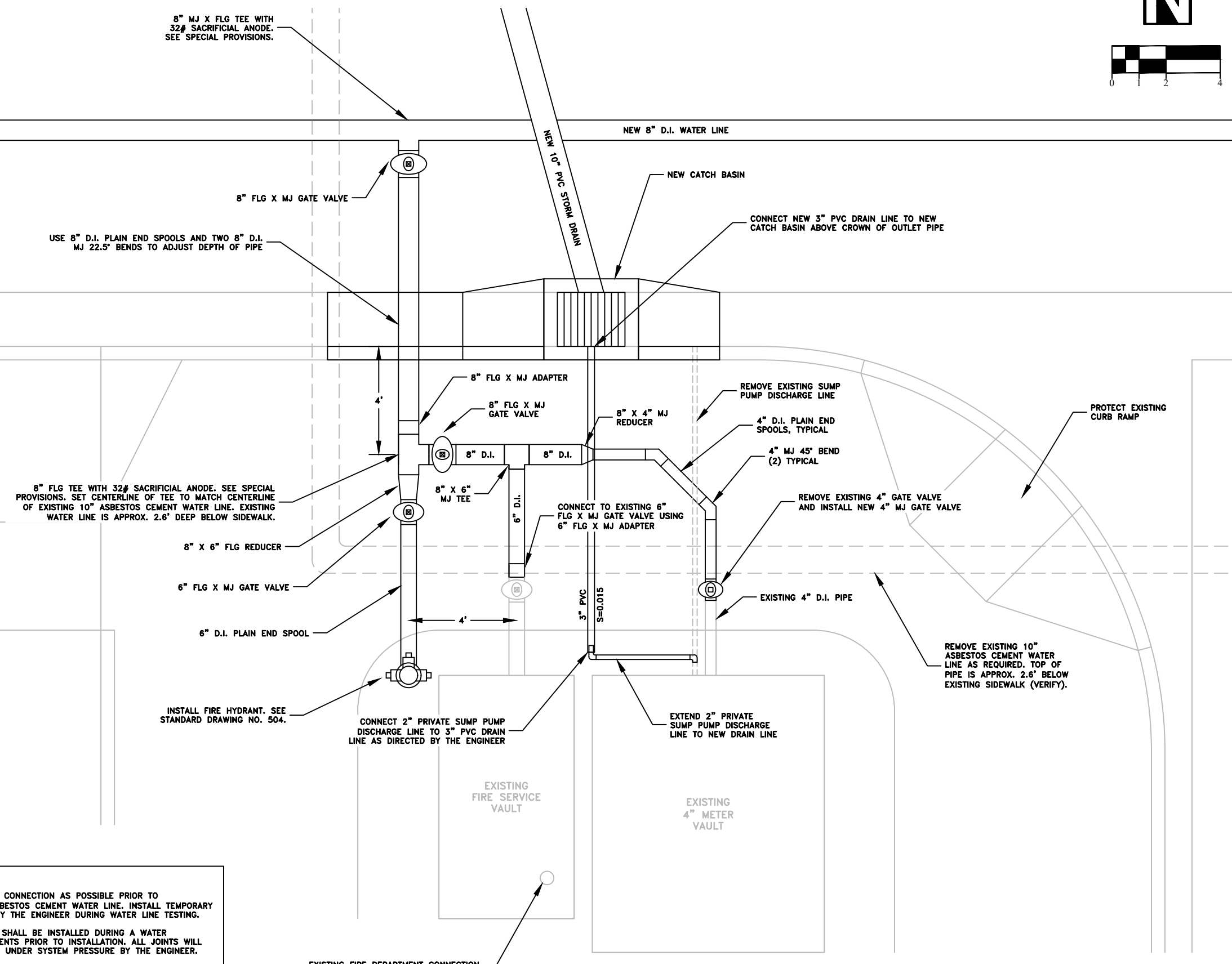
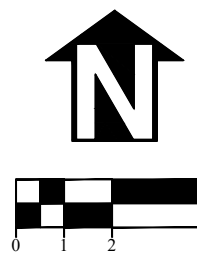
EXPIRATION DATE: 12/31/2021

SHEET NO. 32 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

CALAPOOIA MIDDLE SCHOOL WATER SERVICE CONNECTION DETAIL



8" MJ X FLG TEE WITH 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS.

USE 8" D.I. PLAIN END SPOOLS AND TWO 8" D.I. MJ 22.5° BENDS TO ADJUST DEPTH OF PIPE

8" FLG TEE WITH 32# SACRIFICIAL ANODE. SEE SPECIAL PROVISIONS. SET CENTERLINE OF TEE TO MATCH CENTERLINE OF EXISTING 10" ASBESTOS CEMENT WATER LINE. EXISTING WATER LINE IS APPROX. 2.6' DEEP BELOW SIDEWALK.

INSTALL FIRE HYDRANT. SEE STANDARD DRAWING NO. 504.

CONNECT 2" PRIVATE SUMP PUMP DISCHARGE LINE TO 3" PVC DRAIN LINE AS DIRECTED BY THE ENGINEER

EXTEND 2" PRIVATE SUMP PUMP DISCHARGE LINE TO NEW DRAIN LINE

REMOVE EXISTING 10" ASBESTOS CEMENT WATER LINE AS REQUIRED. TOP OF PIPE IS APPROX. 2.6' BELOW EXISTING SIDEWALK (VERIFY).

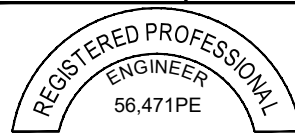
- NOTES:**
1. CONSTRUCT AS MUCH OF WATER CONNECTION AS POSSIBLE PRIOR TO ABANDONMENT OF EXISTING 10" ASBESTOS CEMENT WATER LINE. INSTALL TEMPORARY BLOWOFF ASSEMBLY AS DIRECTED BY THE ENGINEER DURING WATER LINE TESTING.
 2. REMAINING PIPING AND FITTINGS SHALL BE INSTALLED DURING A WATER SHUTDOWN. DISINFECT ALL COMPONENTS PRIOR TO INSTALLATION. ALL JOINTS WILL BE VISUALLY INSPECTED FOR LEAKS UNDER SYSTEM PRESSURE BY THE ENGINEER.
 3. THIS WATER CONNECTION PROVIDES SERVICE TO CALAPOOIA MIDDLE SCHOOL. COORDINATE WORK WITH GREATER ALBANY PUBLIC SCHOOL DISTRICT TO AVOID IMPACTING SCHOOL EVENTS AND ACTIVITIES. SEE SPECIAL PROVISIONS.
 4. REMOVE AND REPLACE SIDEWALK AS DIRECTED BY THE ENGINEER.

DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
CALAPOOIA MIDDLE SCHOOL WATER LINE CONNECTION



EXPIRATION DATE: 12/31/2021

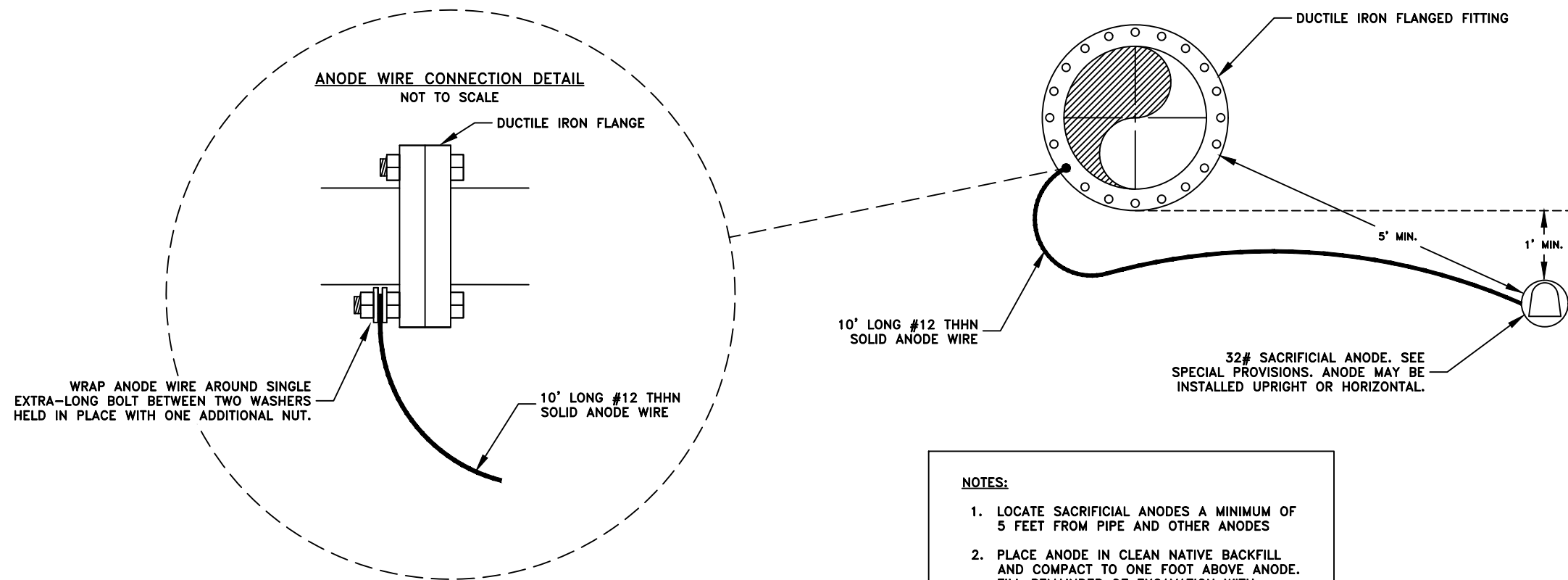
SHEET NO. 33 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG

DUCTILE IRON FLANGED FITTING ANODE CONNECTION DETAIL

NOT TO SCALE



NOTES:

1. LOCATE SACRIFICIAL ANODES A MINIMUM OF 5 FEET FROM PIPE AND OTHER ANODES
2. PLACE ANODE IN CLEAN NATIVE BACKFILL AND COMPACT TO ONE FOOT ABOVE ANODE. FILL REMAINDER OF EXCAVATION WITH SELECT BACKFILL.

SCHOOL WITH AHEAD PLAQUE
NOT TO SCALE



S1-1
36"X36"
USE FLUORESCENT
YELLOW-GREEN BACKGROUND

W16-9P
24"X12"
USE FLUORESCENT
YELLOW-GREEN BACKGROUND

SCHOOL CROSSING ASSEMBLY
NOT TO SCALE



S1-1
36"X36"
USE FLUORESCENT
YELLOW-GREEN BACKGROUND

W16-7pL
24"X12"
USE FLUORESCENT
YELLOW-GREEN BACKGROUND.
6' TO BOTTOM OF SIGN.

SCHOOL SPEED LIMIT SIGN ASSEMBLY
NOT TO SCALE



OS5-5
24X36

OS4-8
24X18

END SCHOOL SPEED LIMIT
NOT TO SCALE



S5-3
24"X30"

NOTES:

1. ALL SIGNS SHALL CONFORM TO REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, STANDARD HIGHWAY SIGNS, AND OREGON SIGN POLICY
2. NON-CONFORMING SIGNS WILL BE REJECTED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
3. SEE STANDARD DRAWING NO. 208 FOR SIGN AND POST SPECIFICATIONS

DESIGNED: C. CERKLEWSKI
DRAWN: C. CERKLEWSKI
CHECKED: S. BELCASTRO
DATE: 1/11/2021

REVISIONS
NO: BY: DATE:

**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-21-01, 24TH AVENUE REHABILITATION
DUCTILE IRON FLANGED FITTING ANODE DETAIL AND SIGN DETAILS**

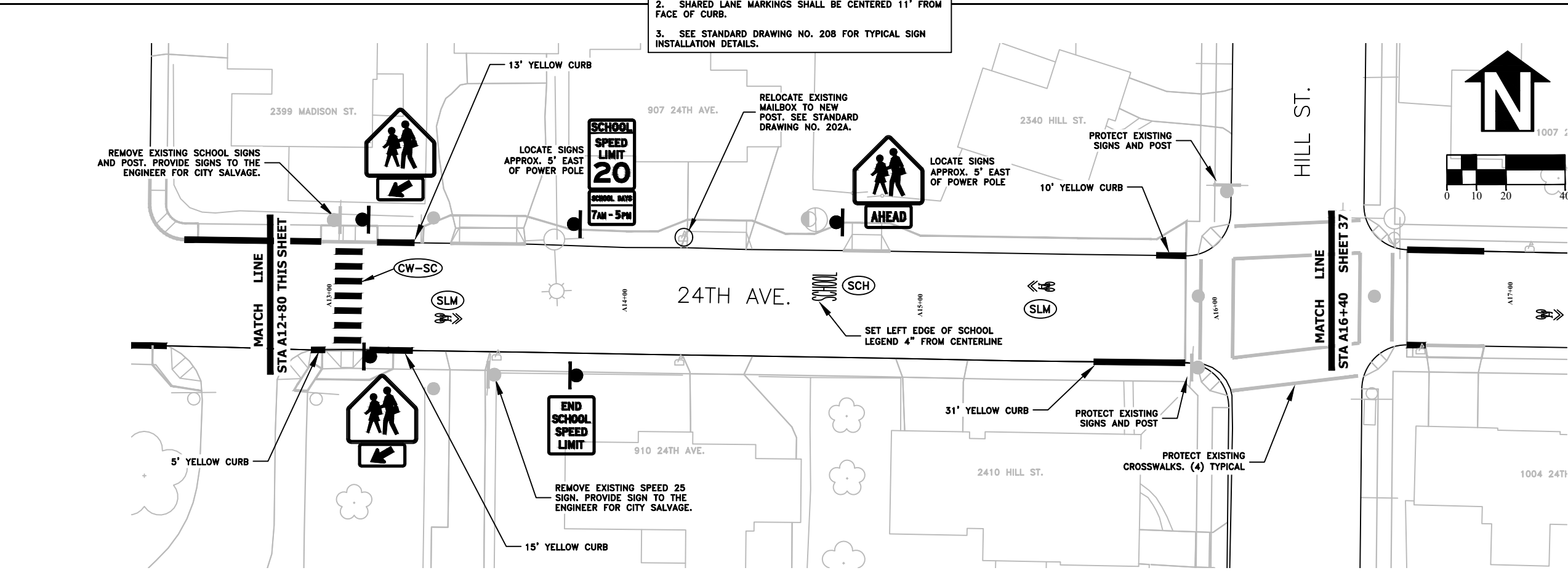
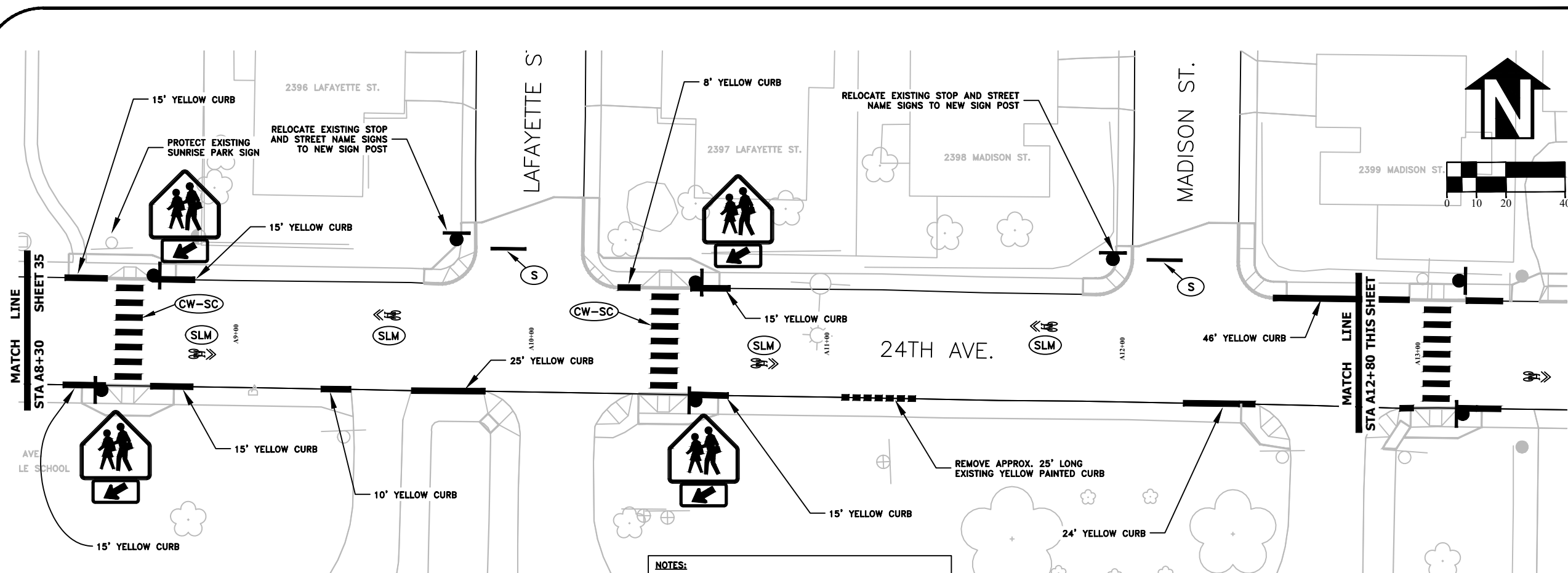


EXPIRATION DATE: 12/31/2021

SHEET NO. 34 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



- NOTES:**
1. SEE OODT STANDARD DRAWINGS TM500 THROUGH TM577 FOR STRIPING LEGEND AND DETAILS.
 2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB.
 3. SEE STANDARD DRAWING NO. 208 FOR TYPICAL SIGN INSTALLATION DETAILS.

DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
SIGNING AND STRIPING PLAN

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

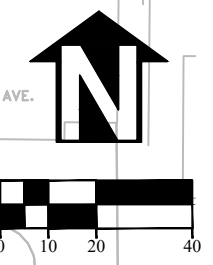
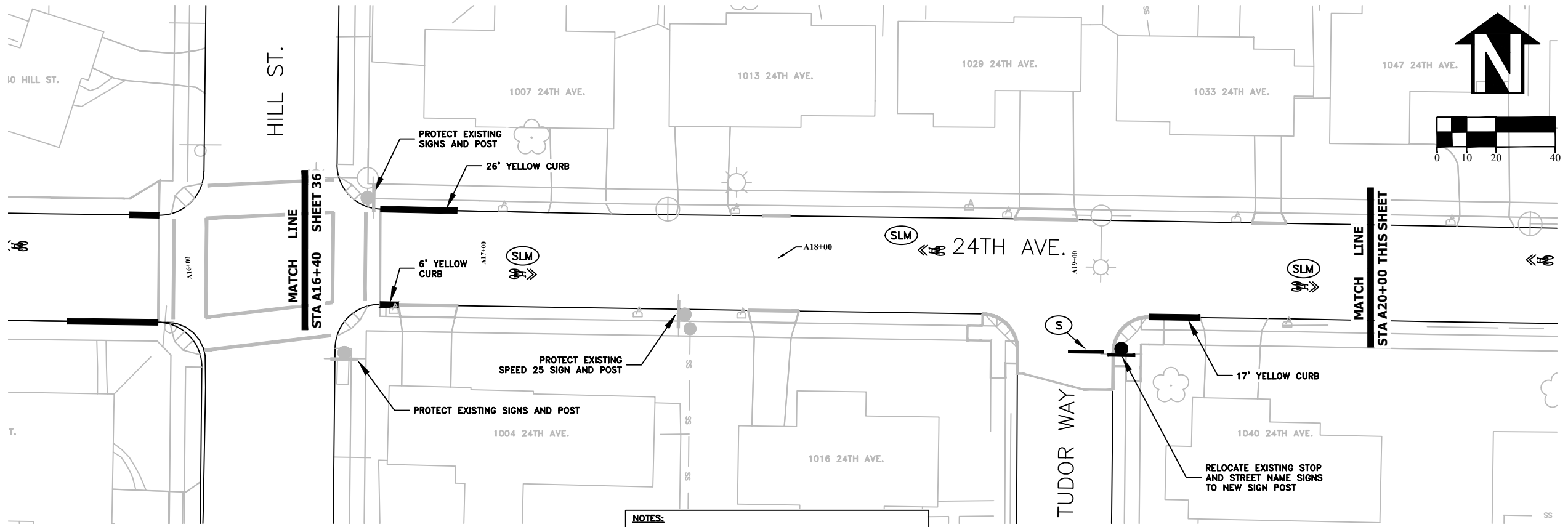
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 36 OF 60

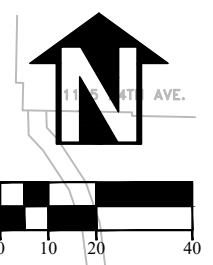
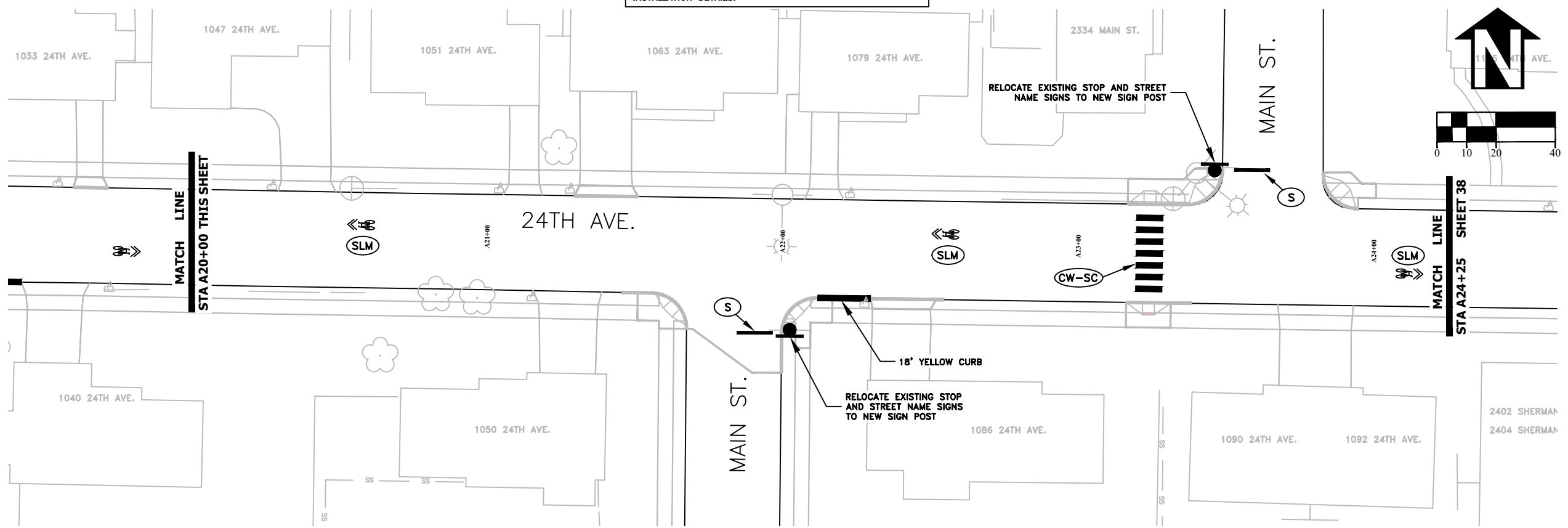
PROJECT NO: ST-21-01

FILE: BASE.DWG




NOTES:

1. SEE OODT STANDARD DRAWINGS TM500 THROUGH TM577 FOR STRIPING LEGEND AND DETAILS.
2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB.
3. SEE STANDARD DRAWING NO. 208 FOR TYPICAL SIGN INSTALLATION DETAILS.



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

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ENGINEERING SERVICES

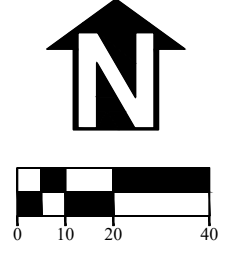
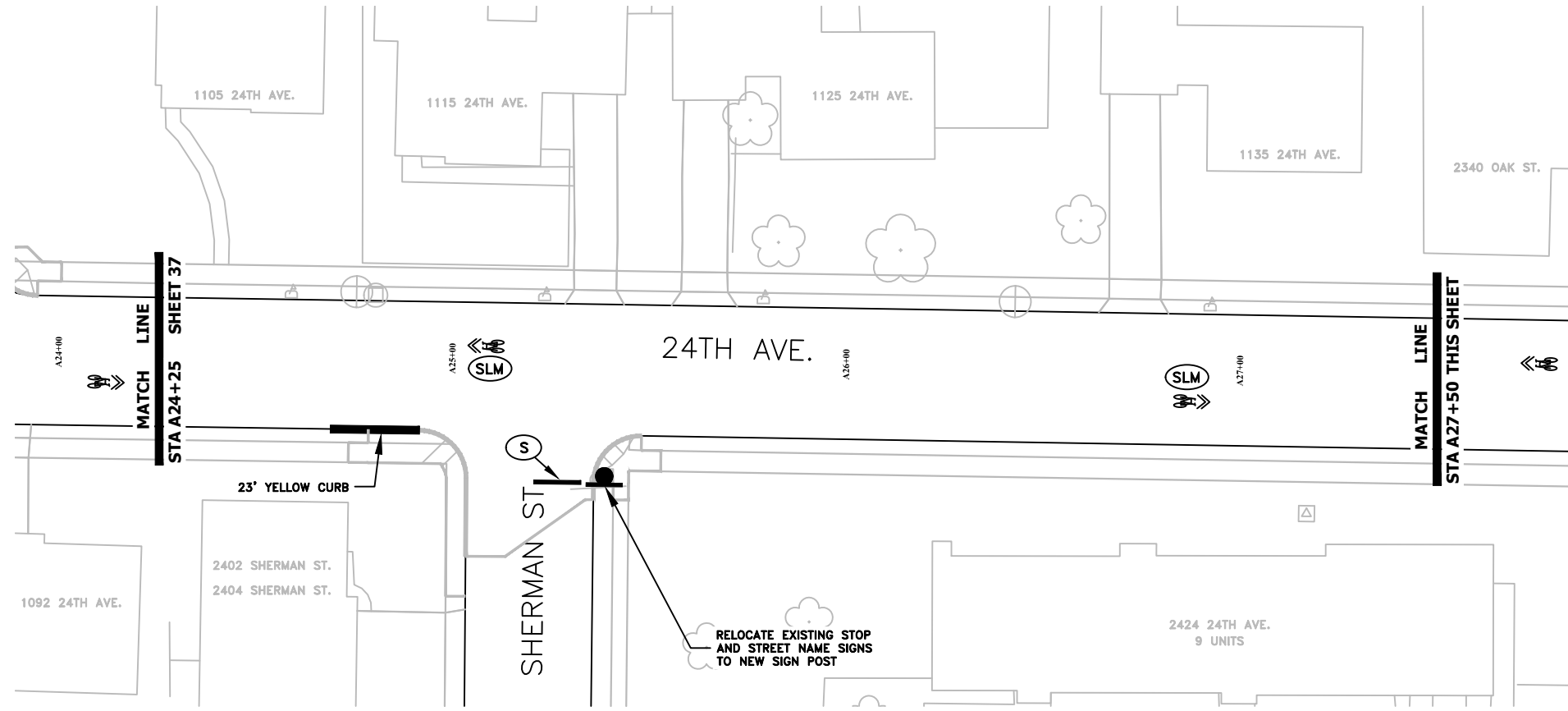


ST-21-01, 24TH AVENUE REHABILITATION
SIGNING AND STRIPING PLAN

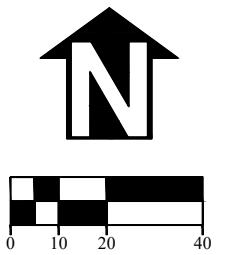
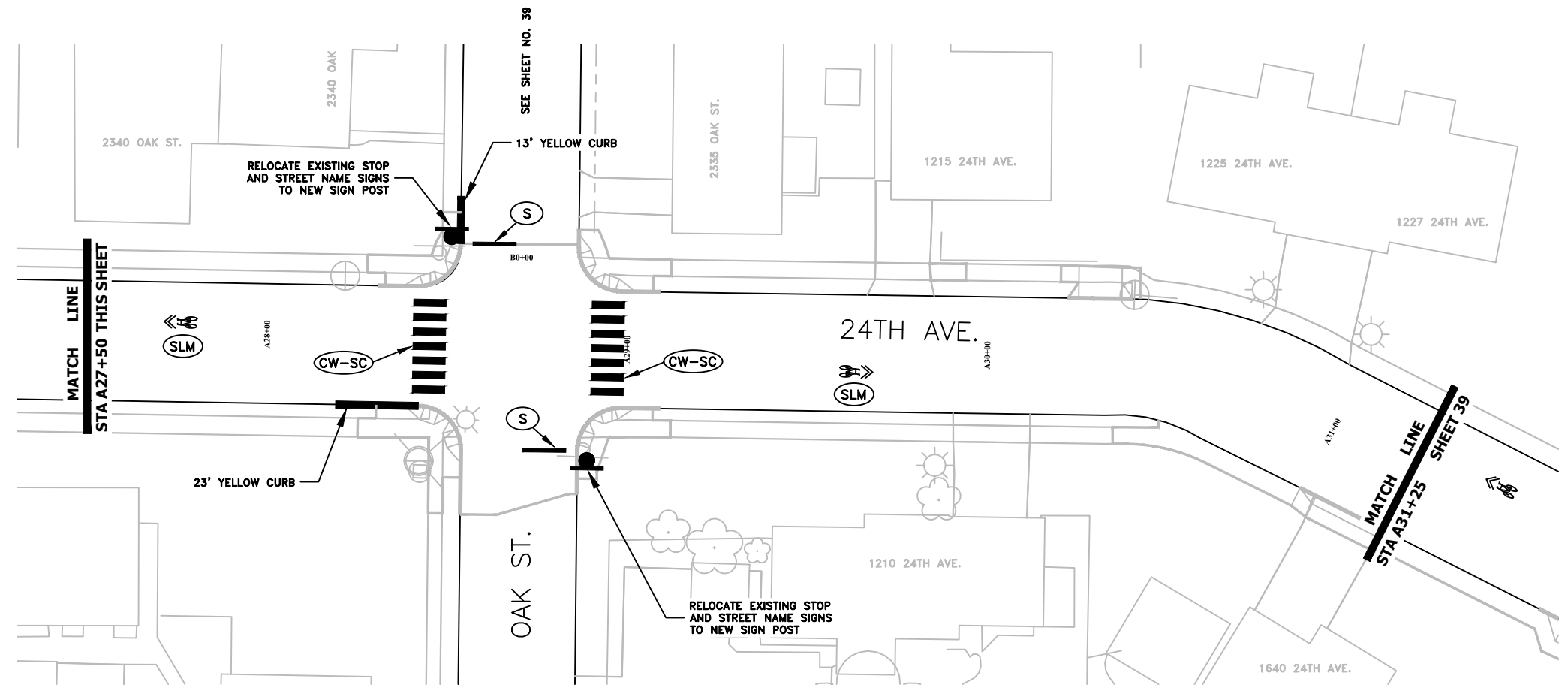
REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021
SHEET NO. 37 OF 60
PROJECT NO: ST-21-01
FILE: BASE.DWG




- NOTES:**
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ST-21-01, 24TH AVENUE REHABILITATION
SIGNING AND STRIPING PLAN

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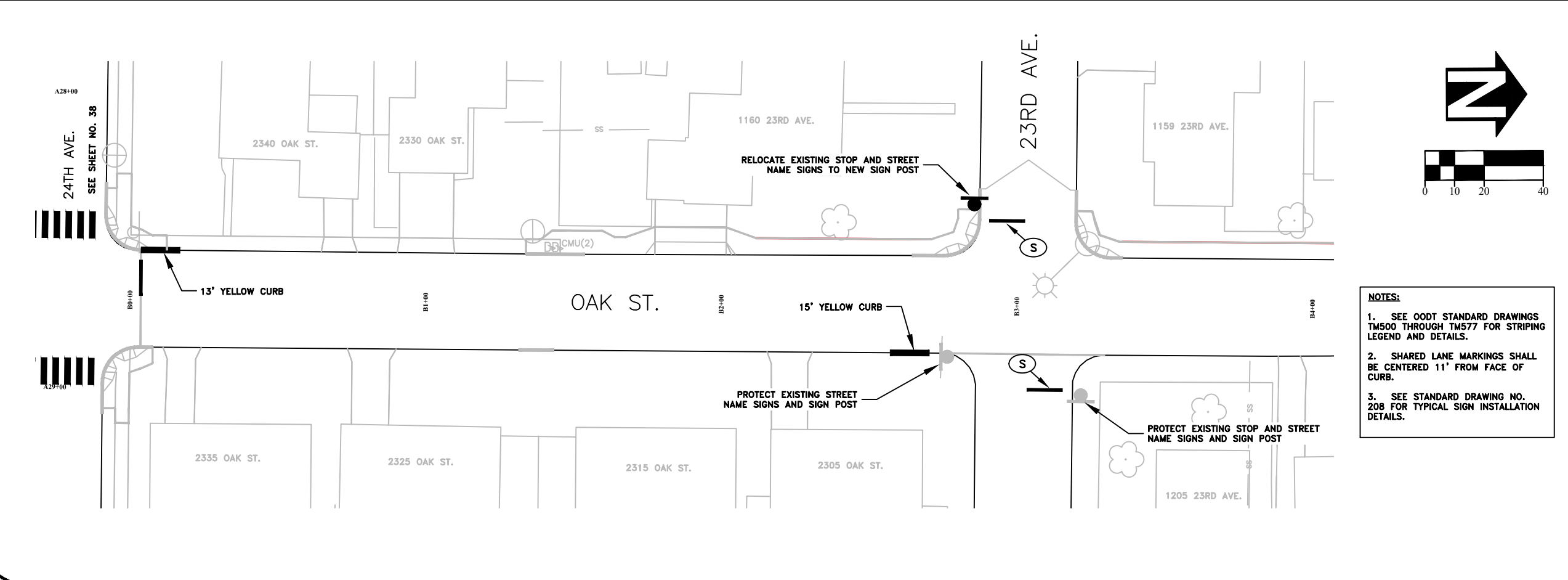
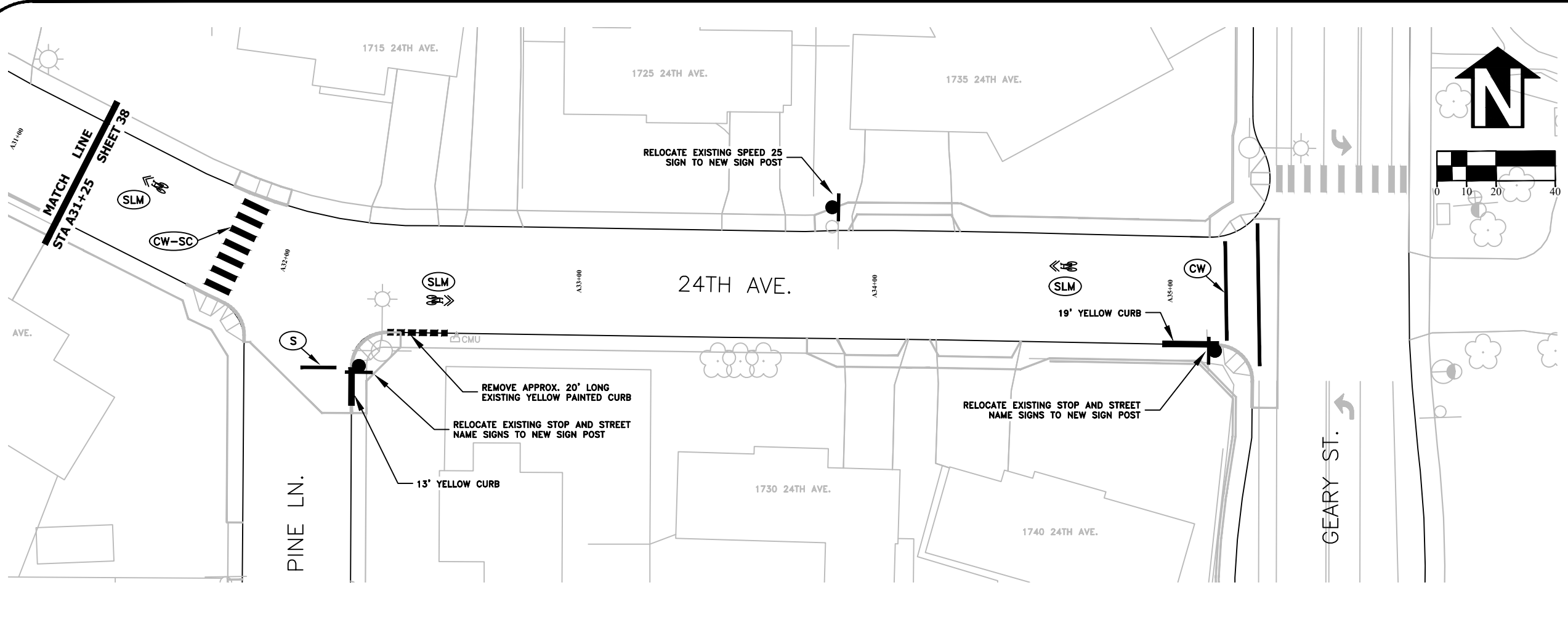
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 38 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



- NOTES:**
1. SEE OODT STANDARD DRAWINGS TM500 THROUGH TM577 FOR STRIPING LEGEND AND DETAILS.
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DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
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ST-21-01, 24TH AVENUE REHABILITATION
SIGNING AND STRIPING PLAN

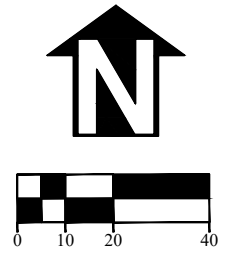
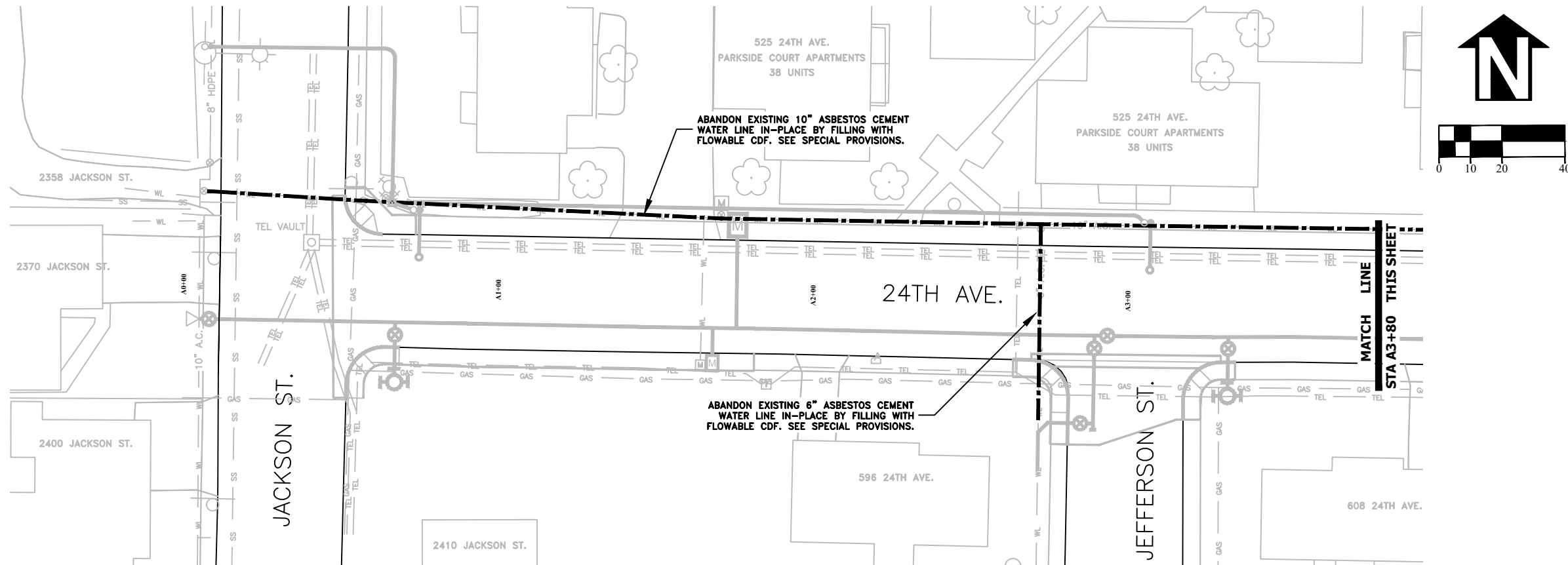


EXPIRATION DATE: 12/31/2021

SHEET NO. 39 OF 60

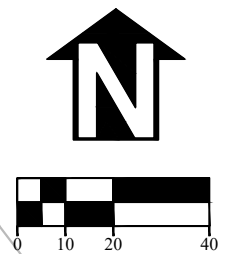
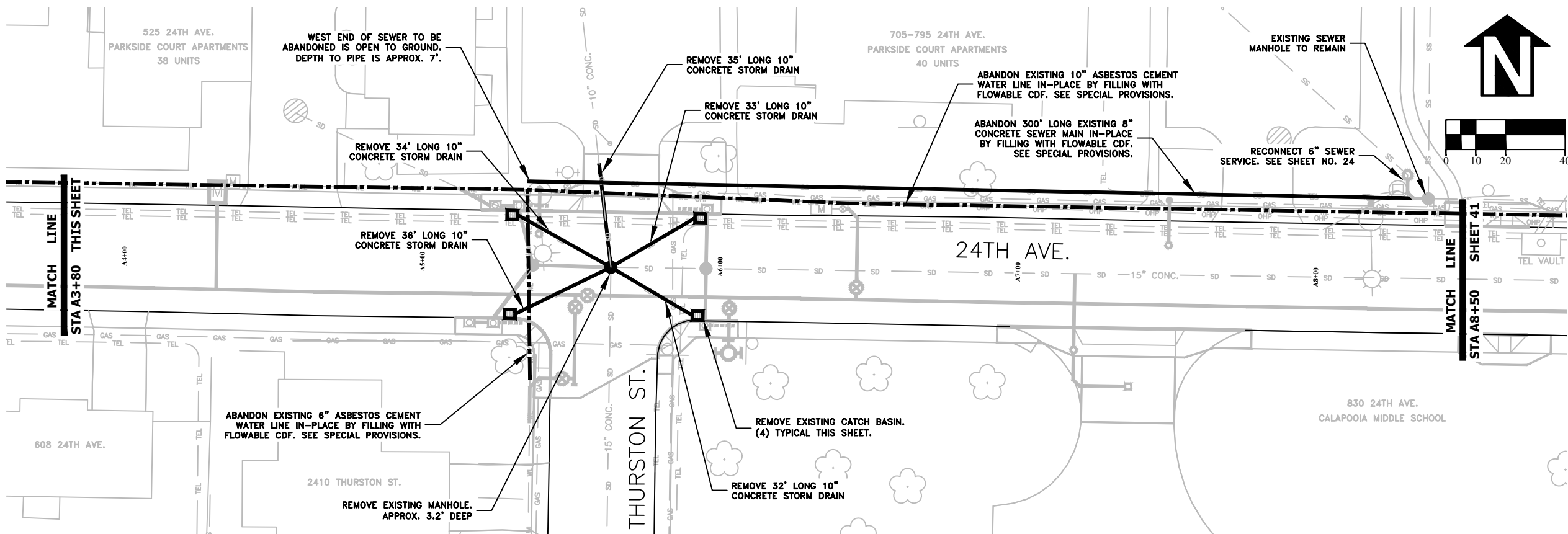
PROJECT NO: ST-21-01

FILE: BASE.DWG



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 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

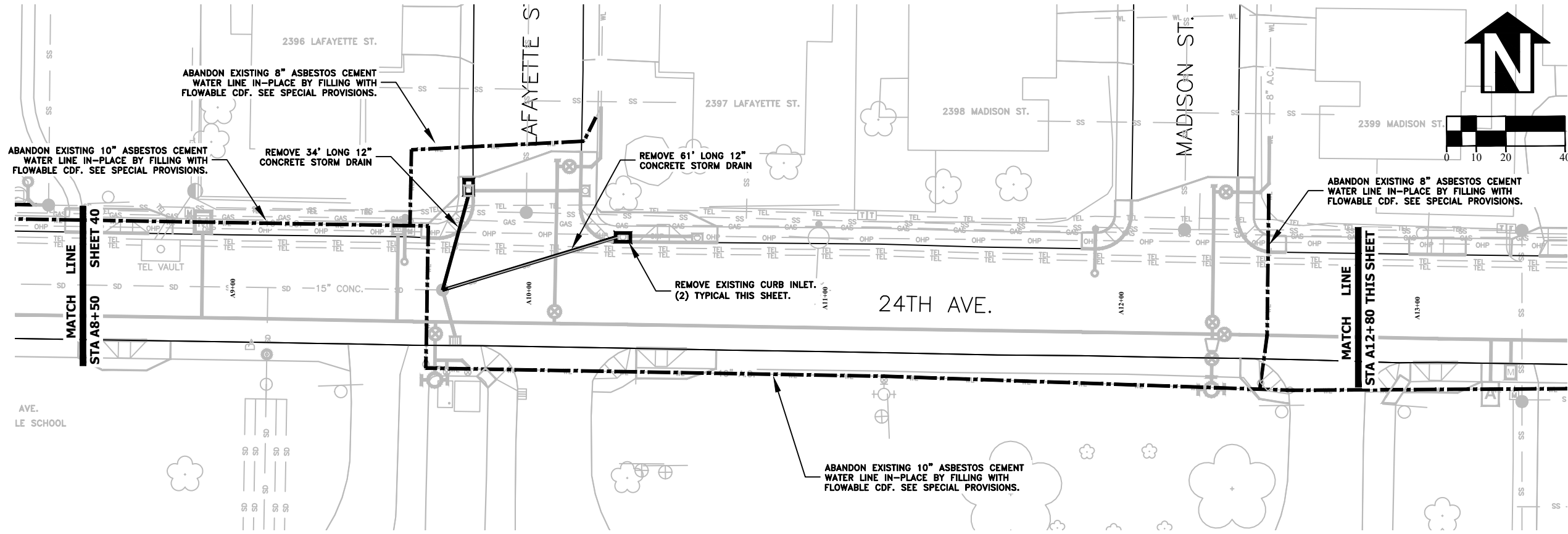
REVISIONS	
NO.	BY:



EXPIRATION DATE: 12/31/2021
 SHEET NO. 40 OF 60
 PROJECT NO: ST-21-01
 FILE: BASE.DWG

**PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES**


**ST-21-01, 24TH AVENUE REHABILITATION
 UTILITY ABANDONMENT PLAN**



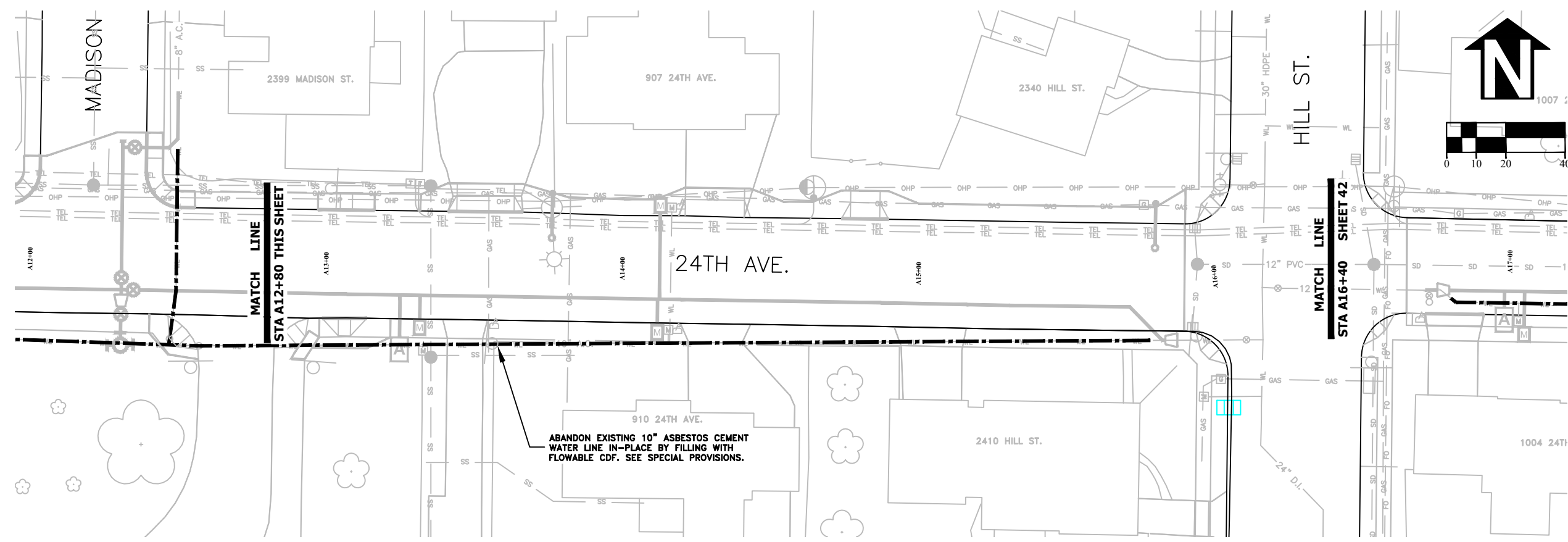
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ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
UTILITY ABANDONMENT PLAN



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ENGINEER
 56,471PE

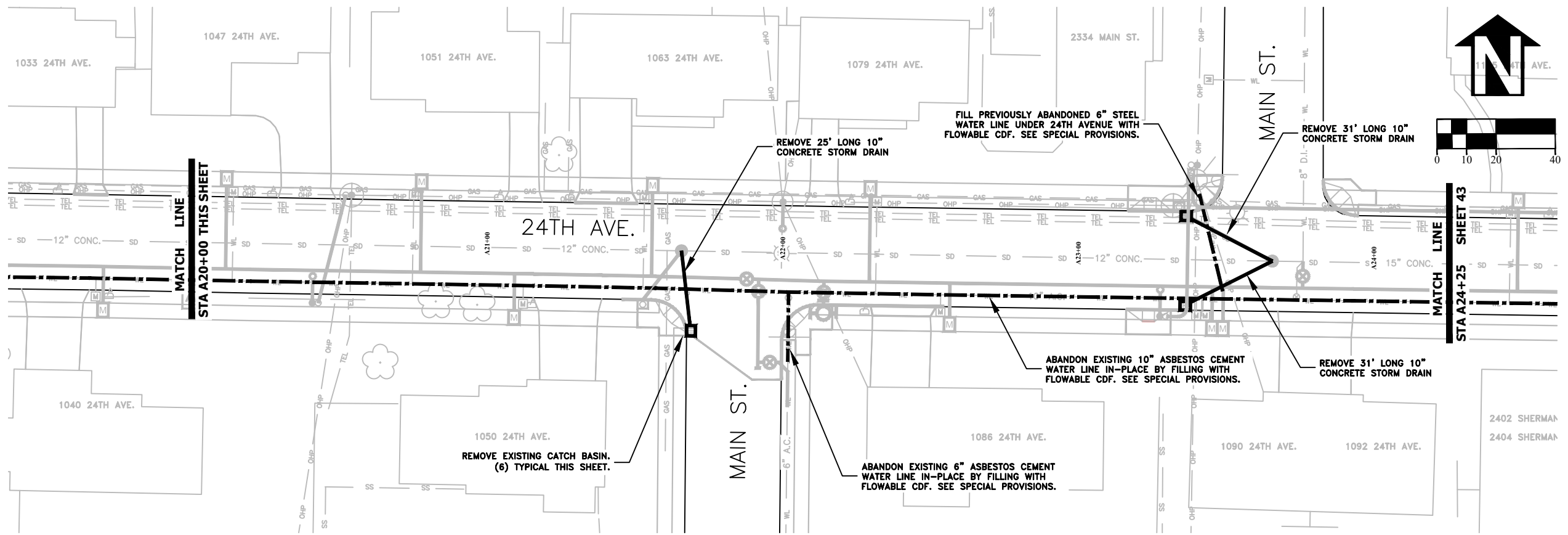
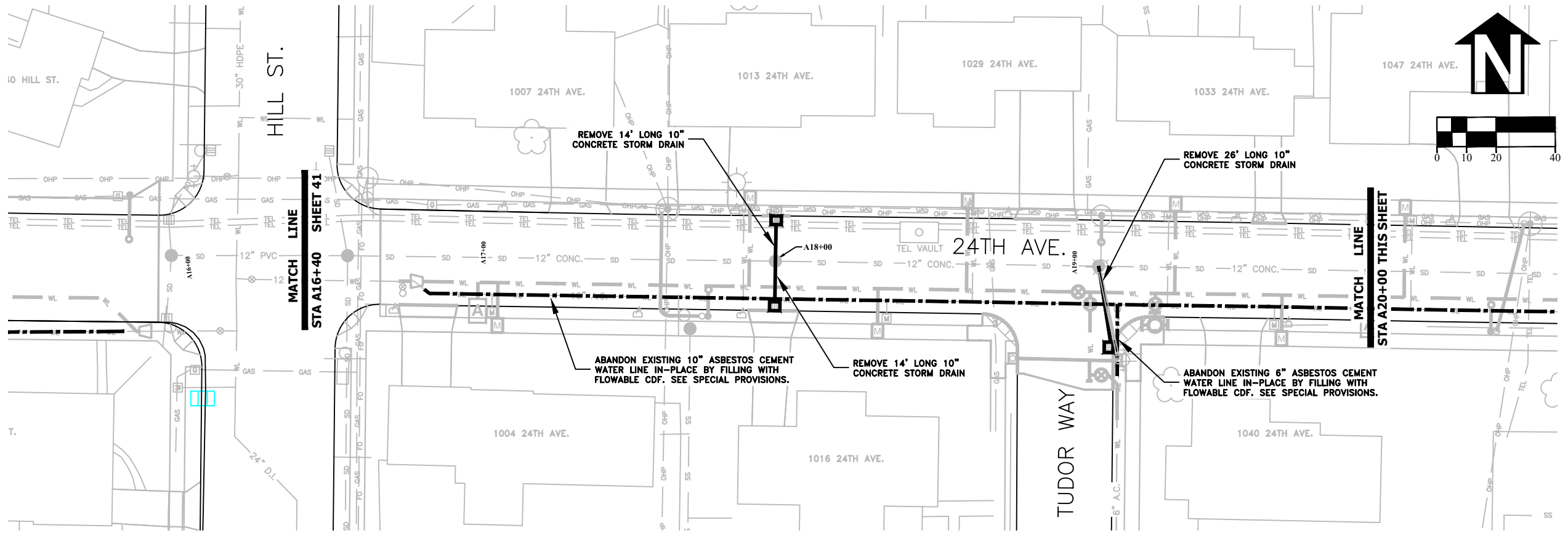
OREGON
 JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 41 OF 60

PROJECT NO: ST-21-01


FILE: BASE.DWG



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 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
 DATE: 1/11/2021

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

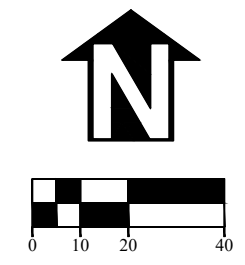
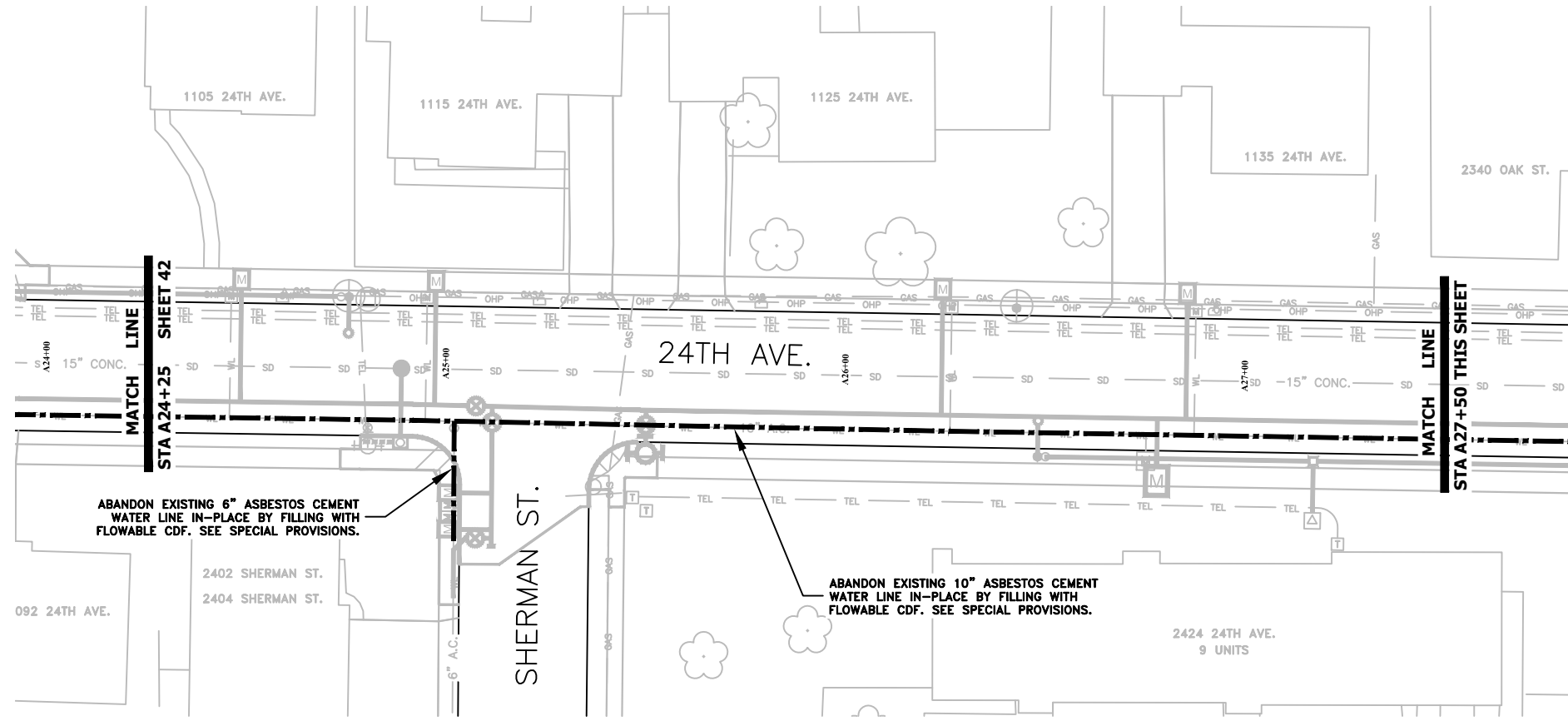


ST-21-01, 24TH AVENUE REHABILITATION
UTILITY ABANDONMENT PLAN

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021
 SHEET NO. 42 OF 60
 PROJECT NO: ST-21-01
 FILE: BASE.DWG



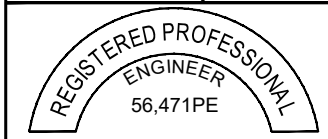
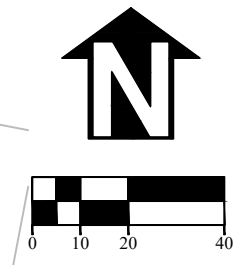
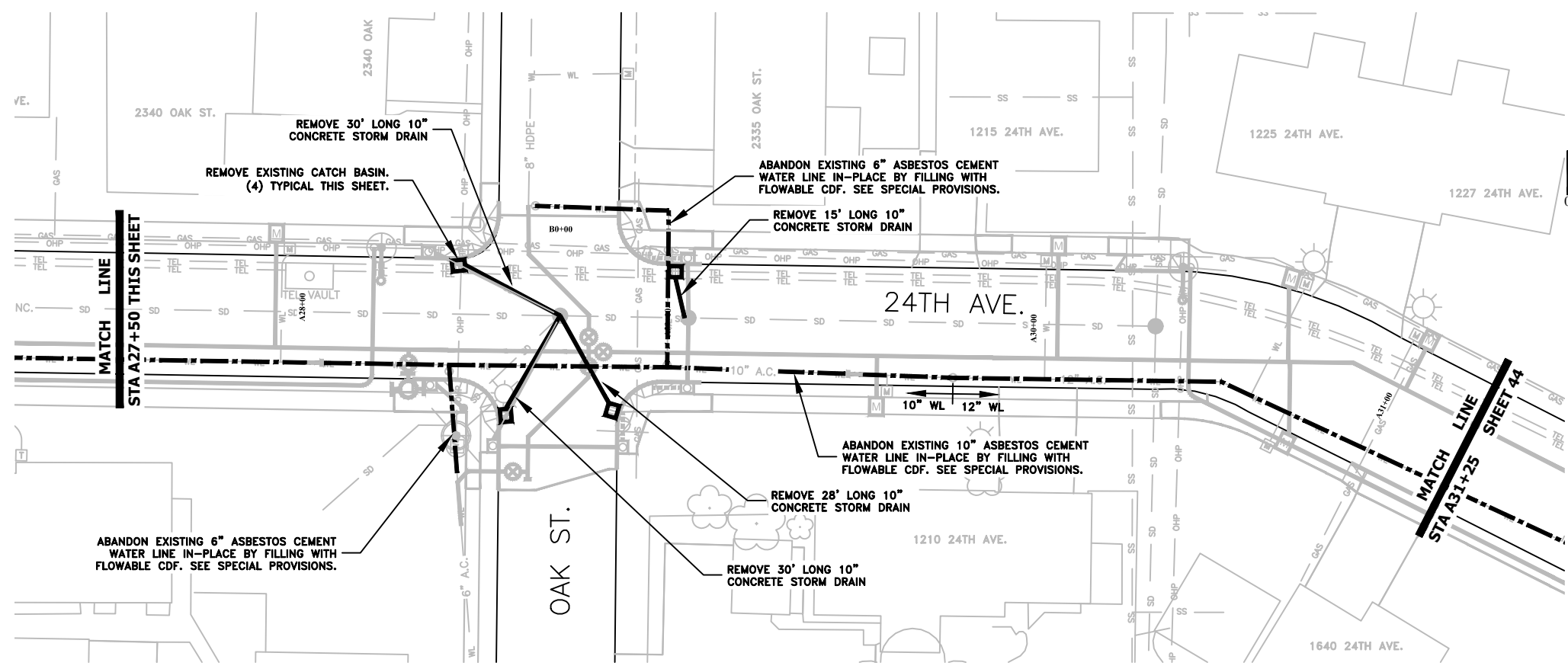
DESIGNED: C. CERKLEWSKI
 DRAWN: C. CERKLEWSKI
 CHECKED: S. BELCASTRO
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PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
UTILITY ABANDONMENT PLAN

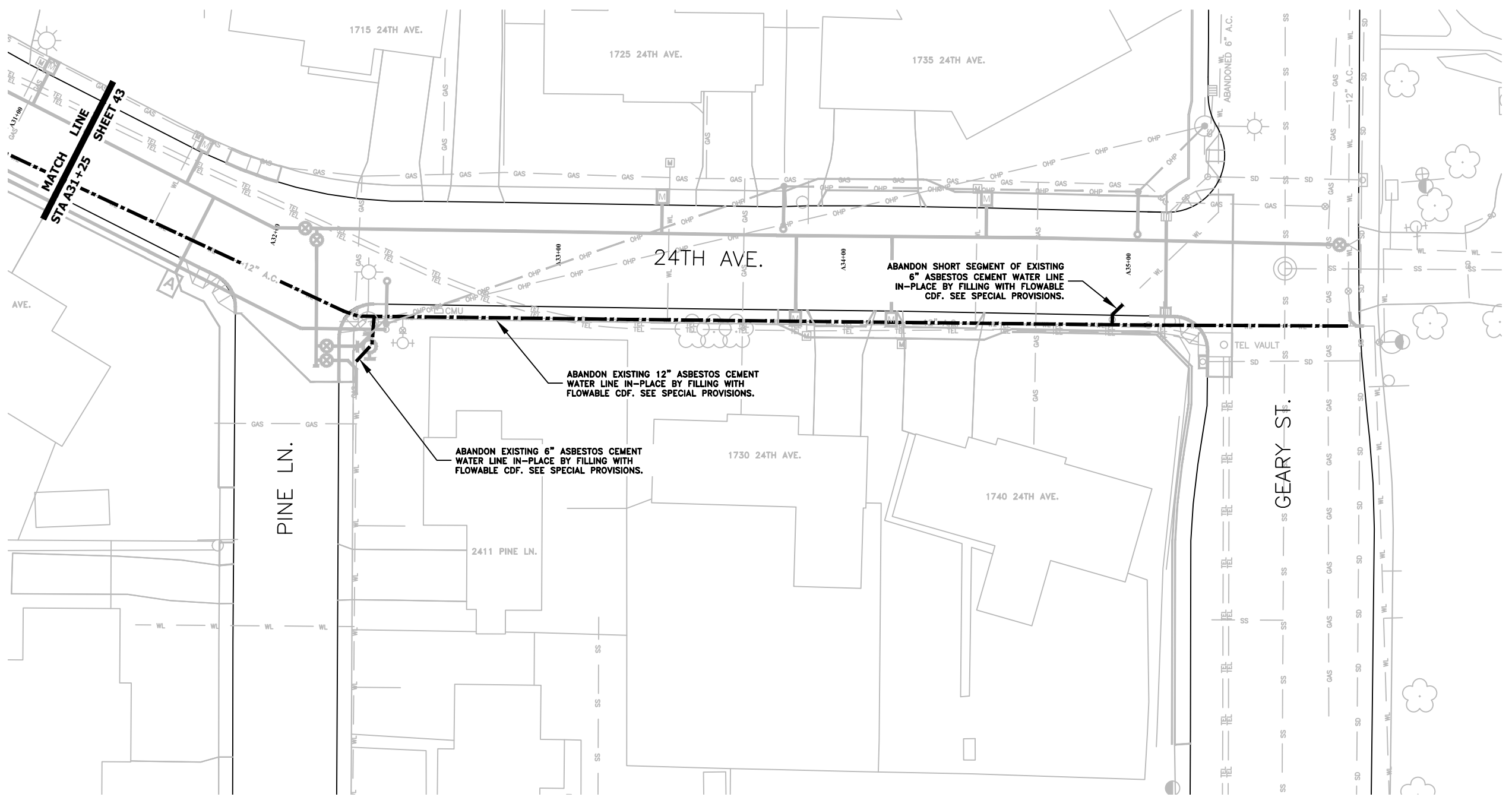
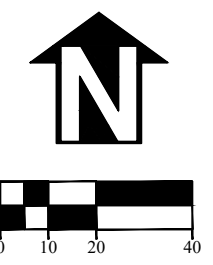


EXPIRATION DATE: 12/31/2021

SHEET NO. 43 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



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REVISIONS	
DATE	BY

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-21-01, 24TH AVENUE REHABILITATION
UTILITY ABANDONMENT PLAN

REGISTERED PROFESSIONAL
 ENGINEER
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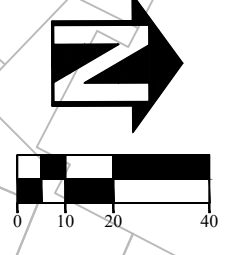
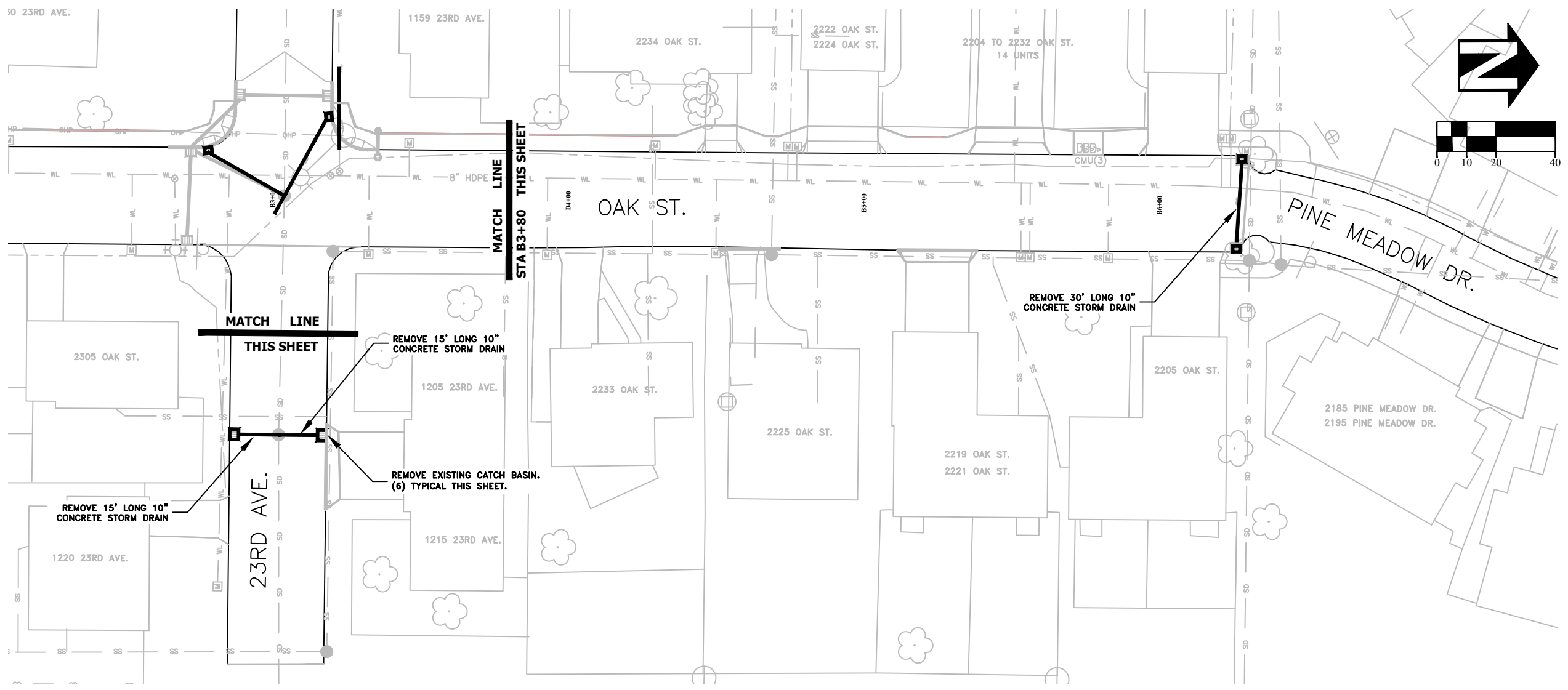
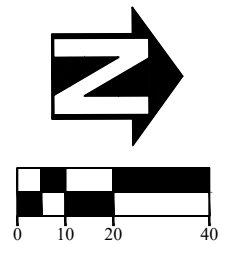
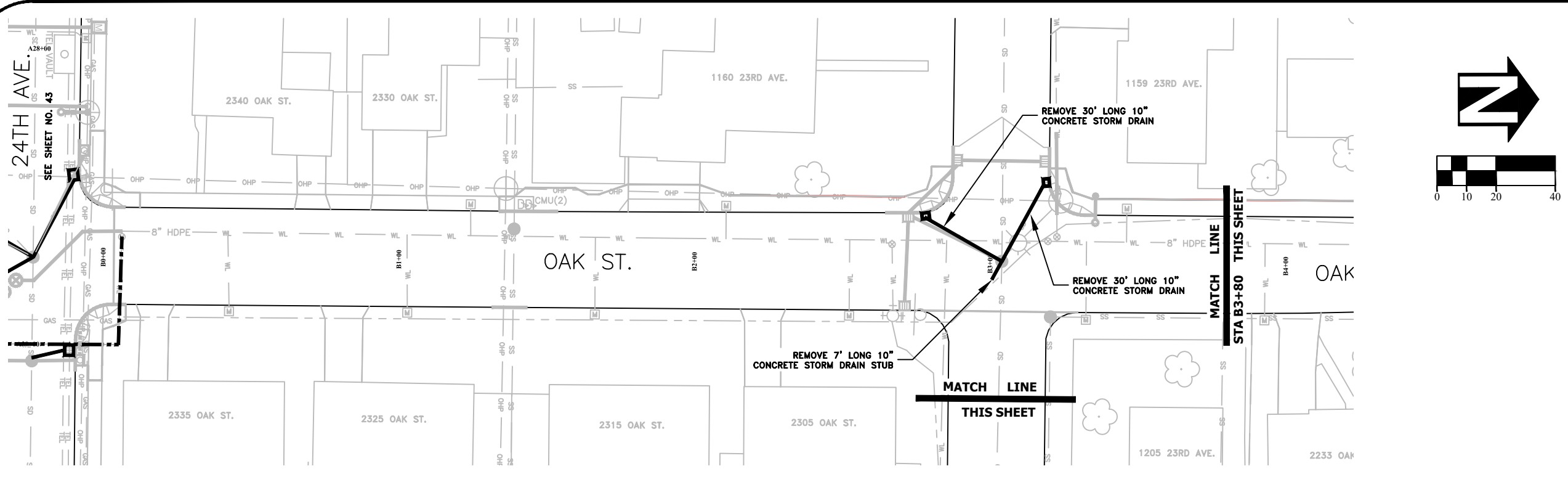
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 44 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



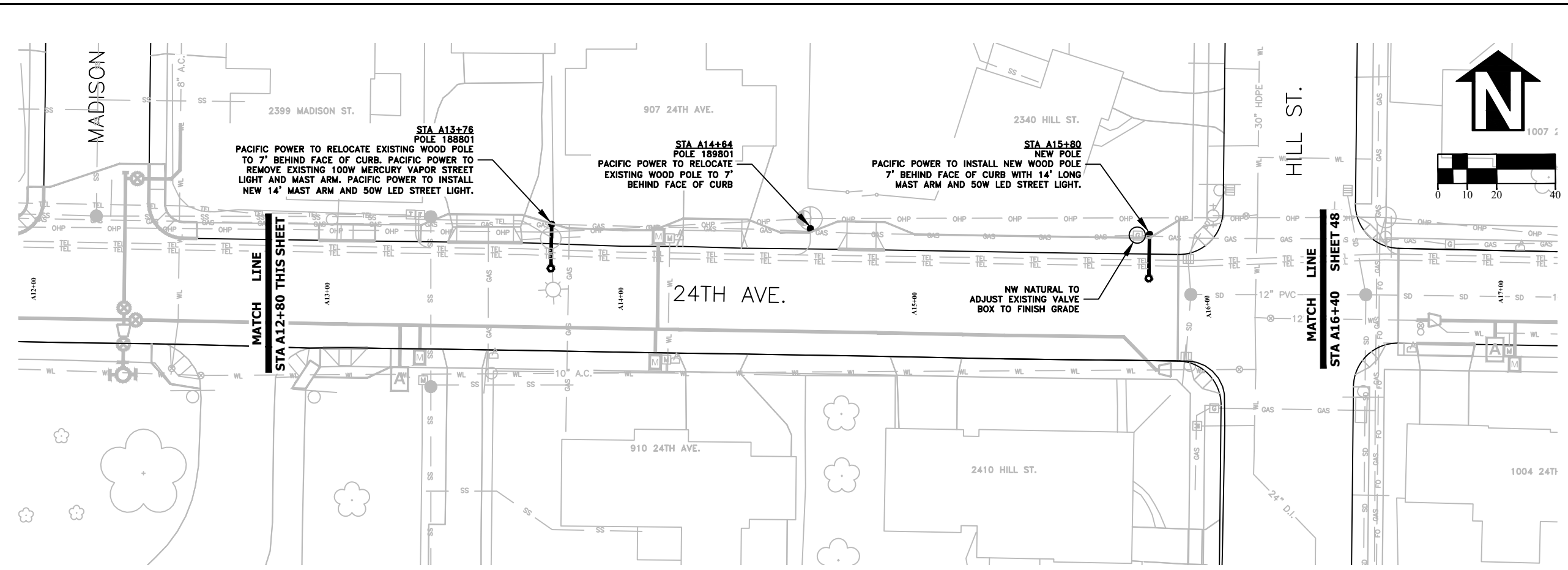
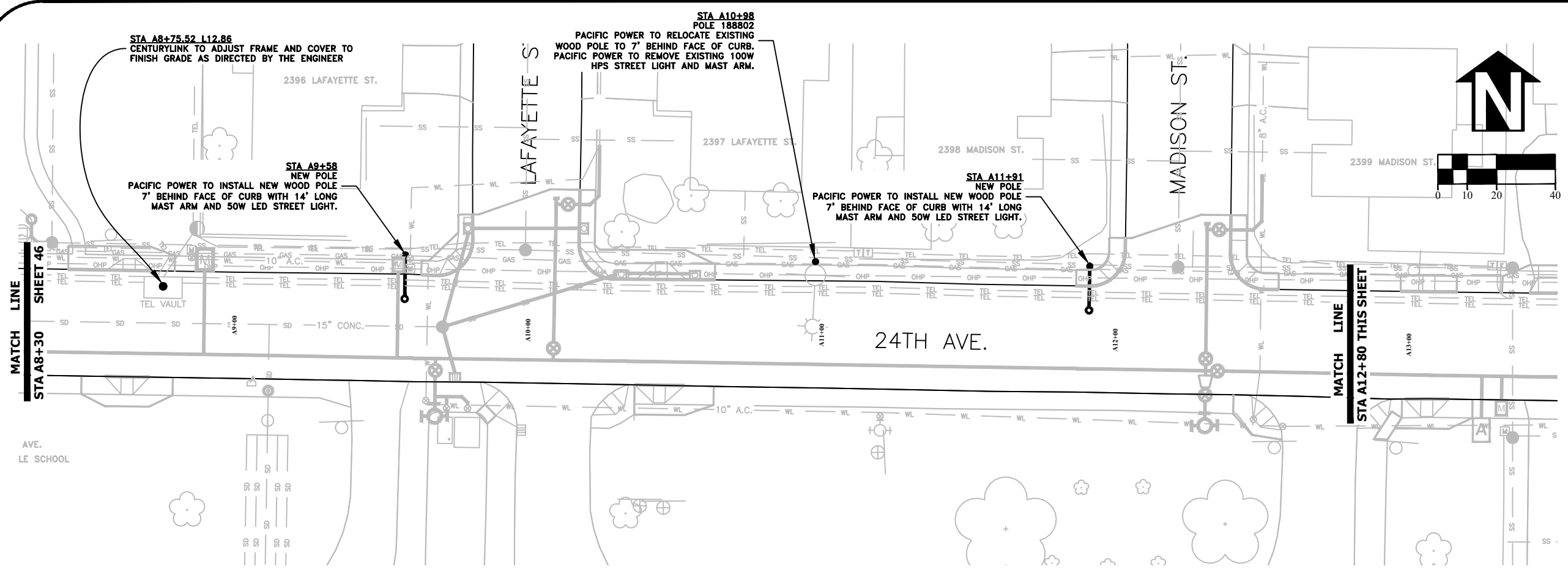
DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT	
ENGINEERING SERVICES	

ST-21-01, 24TH AVENUE REHABILITATION
UTILITY ABANDONMENT PLAN




EXPIRATION DATE: 12/31/2021
SHEET NO. 45 OF 60
PROJECT NO: ST-21-01
FILE: BASE.DWG



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 DATE: 1/11/2021

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ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
FRANCHISE UTILITY PLAN

REGISTERED PROFESSIONAL
 ENGINEER
 56,471PE

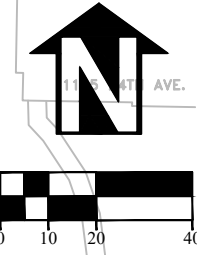
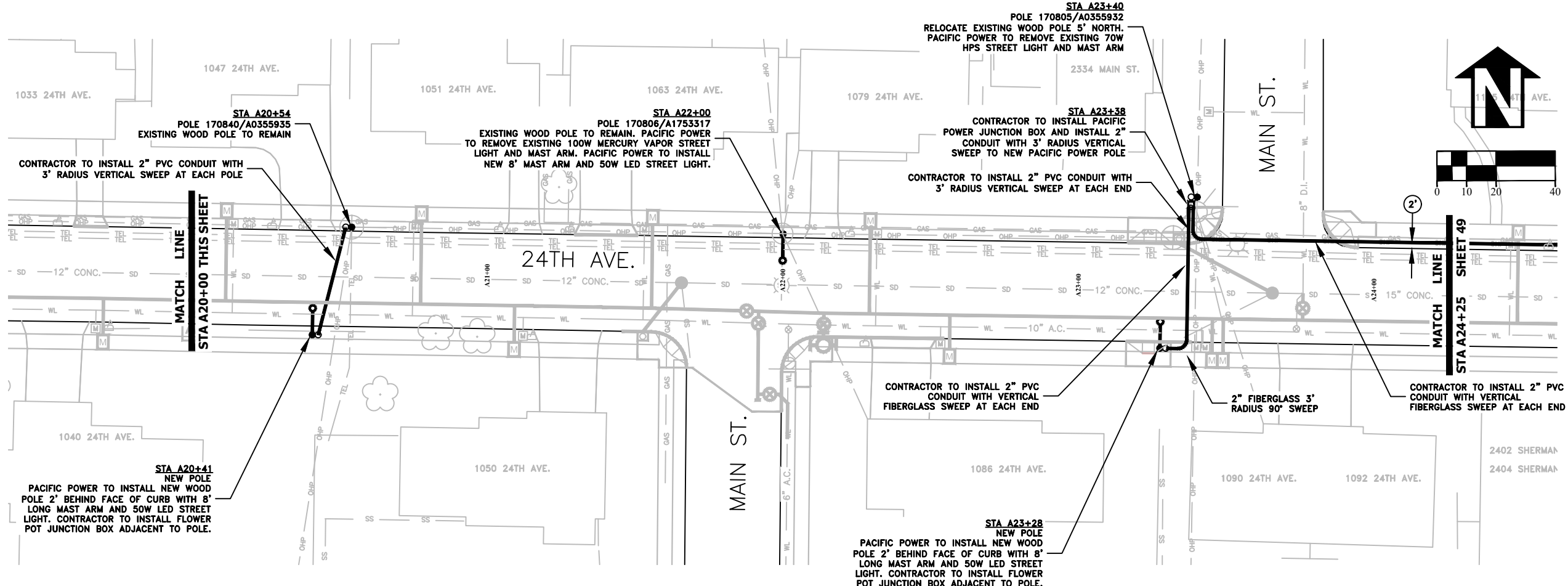
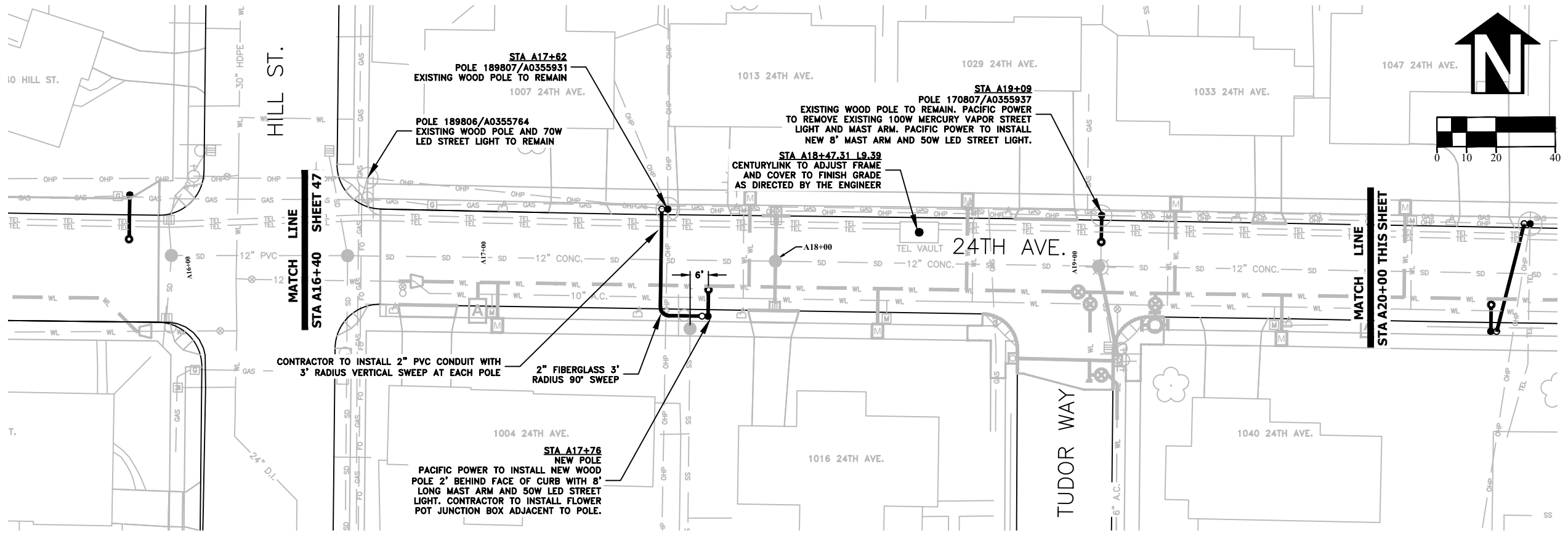
OREGON
 JULY 9, 2002
 CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 47 OF 60


PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
FRANCHISE UTILITY PLAN

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

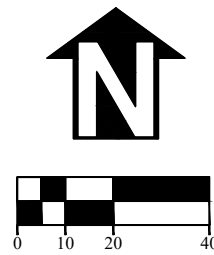
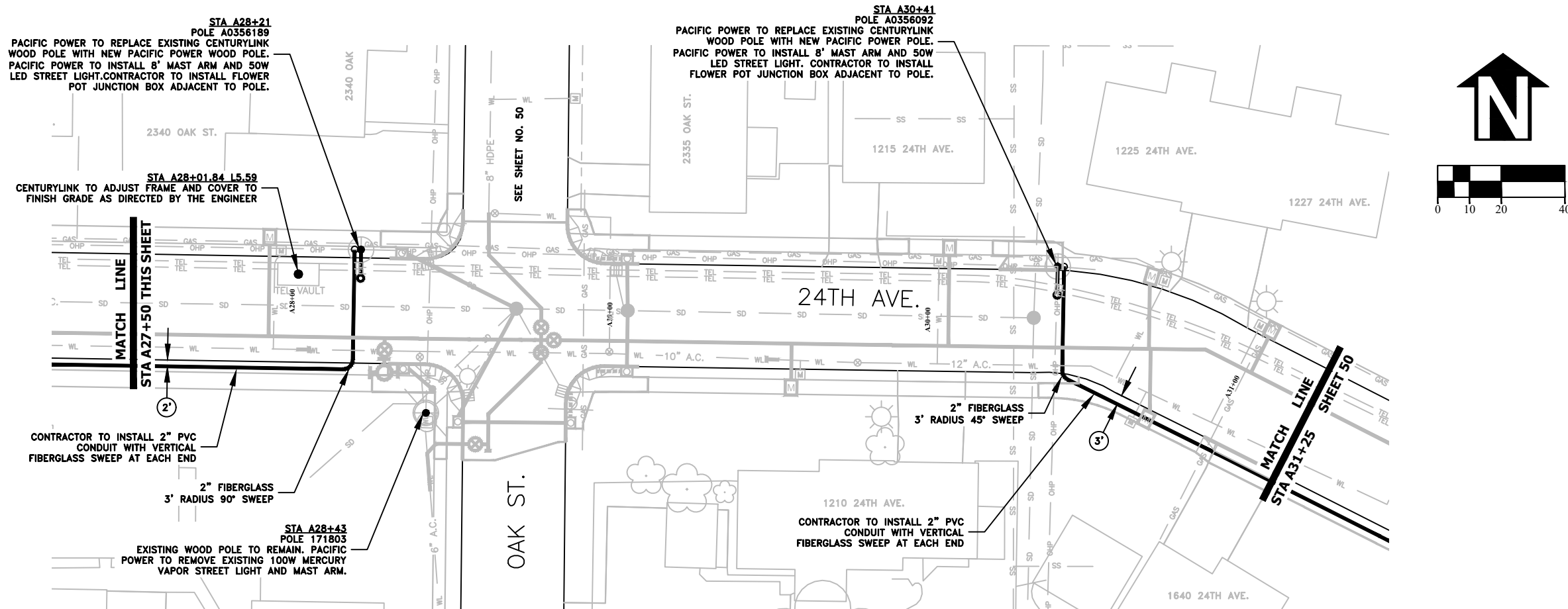
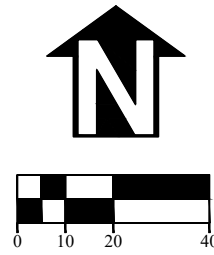
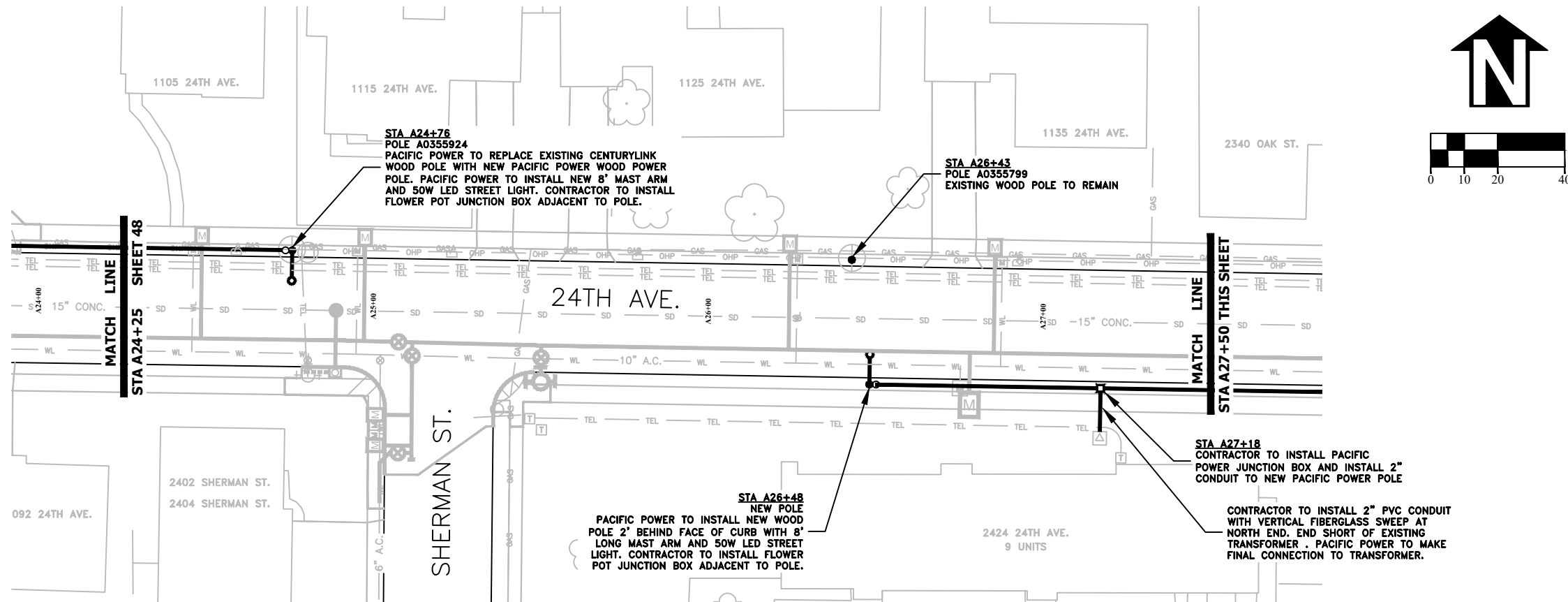
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 48 OF 60


PROJECT NO: ST-21-01

FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
FRANCHISE UTILITY PLAN

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

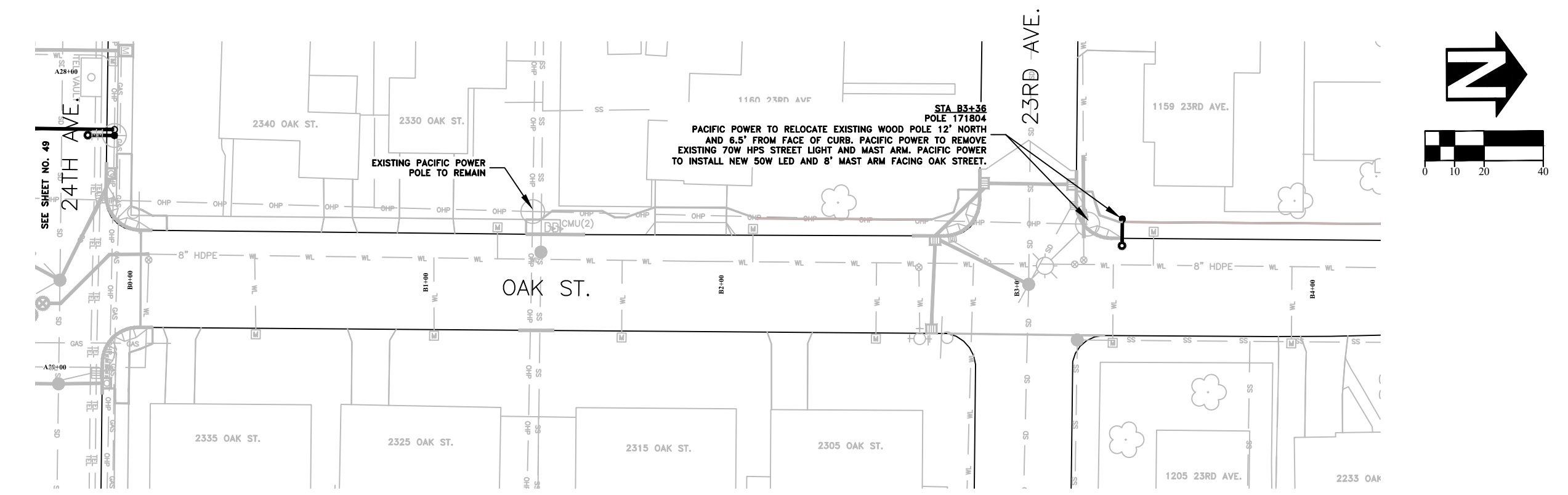
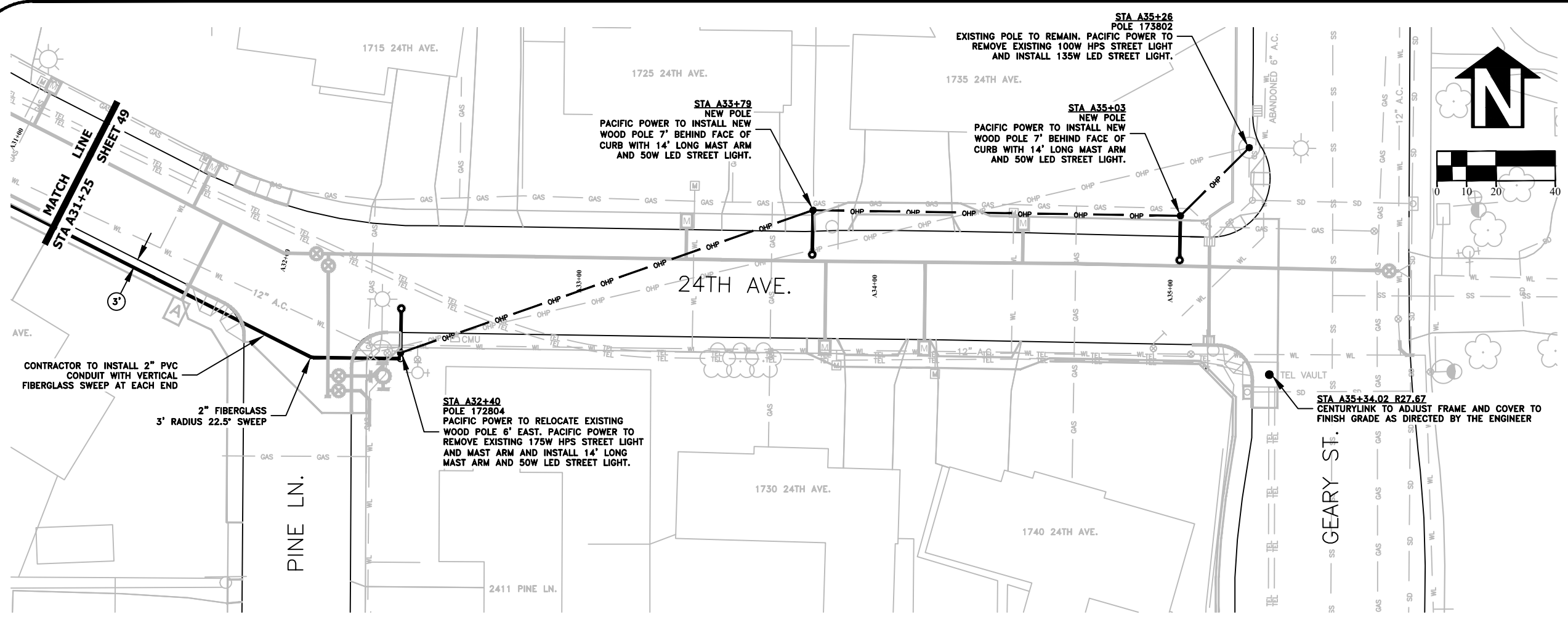
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 49 OF 60

PROJECT NO: ST-21-01


FILE: BASE.DWG



DESIGNED: C. CERKLEWSKI
DRAWN: C. CERKLEWSKI
CHECKED: S. BELCASTRO
DATE: 1/11/2021

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
FRANCHISE UTILITY PLAN

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

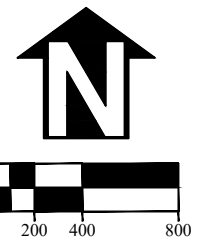
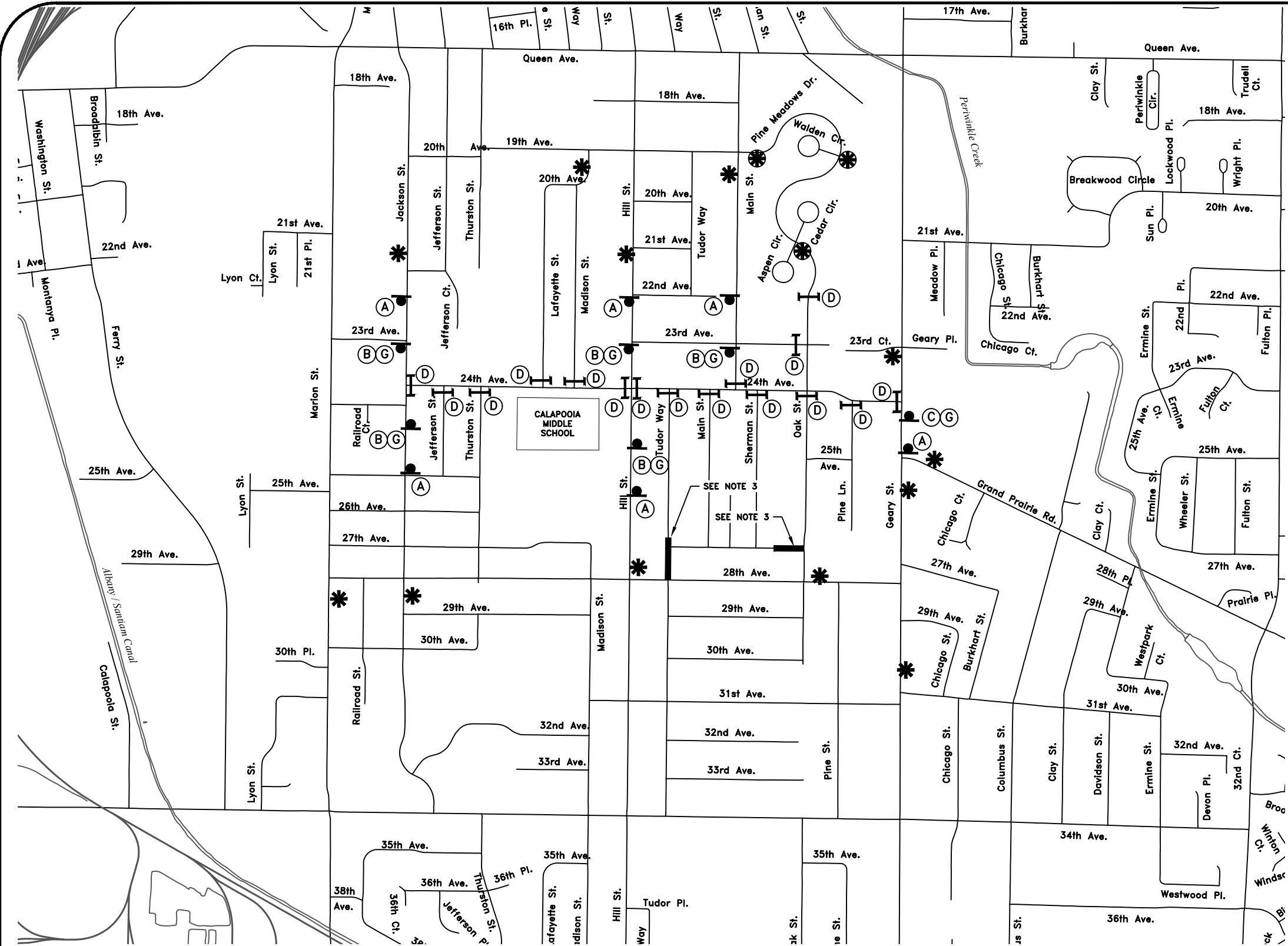
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

SHEET NO. 50 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



- NOTES:**
1. THIS TRAFFIC CONTROL PLAN PROVIDES FOR A STREET CLOSURE OF ALL OF 24TH AVENUE. CONTRACTOR MAY CLOSE PORTIONS OF 24TH AVENUE AS PART OF A CONSTRUCTION PHASING PLAN. CONTRACTOR SHALL SUBMIT REVISED TRAFFIC CONTROL PLANS FOR PARTIAL ROAD CLOSURES OF 24TH AVENUE FOR REVIEW AND APPROVAL BY THE ENGINEER.
 1. ALL SIGNS SHALL BE IN GOOD CONDITION AND SHALL HAVE REFLECTIVE SHEETING.
 2. ALL TYPE III BARRICADES SHALL BE FITTED WITH AT LEAST ONE FLASHING LIGHT.
 3. TUDOR WAY AND 27TH AVENUE SHALL NOT BE CLOSED TO THROUGH TRAFFIC WHEN 24TH AVENUE IS CLOSED TO THROUGH TRAFFIC. SEE SPECIAL PROVISIONS.
 4. CONTRACTOR SHALL MAINTAIN ACCESS TO CALAPOOIA MIDDLE SCHOOL AS MUCH AS POSSIBLE WHILE CLASSES ARE IN SESSION. SEE SPECIAL PROVISIONS.

 W20-1 36"X36"	 W20-2 36"X36"	 W20-3 36"X36"	 R11-6 60"X30"	 CUSTOM 30"X12" 4" LETTERS		
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*
 24TH AVE. CLOSED
 JACKSON ST. TO GEARY ST.
 USE ALTERNATE ROUTE

*
 OAK ST. CLOSED
 NO THRU TRAFFIC
 USE ALTERNATE ROUTE

*
 CUSTOM
60"X36"
BLACK LEGEND
ORANGE BACKGROUND
4" TYPE D FONT
MOUNT ON TEMP POST

DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: --
CHECKED: S. BELCASTRO	BY: --
DATE: 1/11/2021	

**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

**ST-21-01, 24TH AVENUE REHABILITATION
TEMPORARY TRAFFIC CONTROL PLAN**

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2021

GENERAL NOTES:

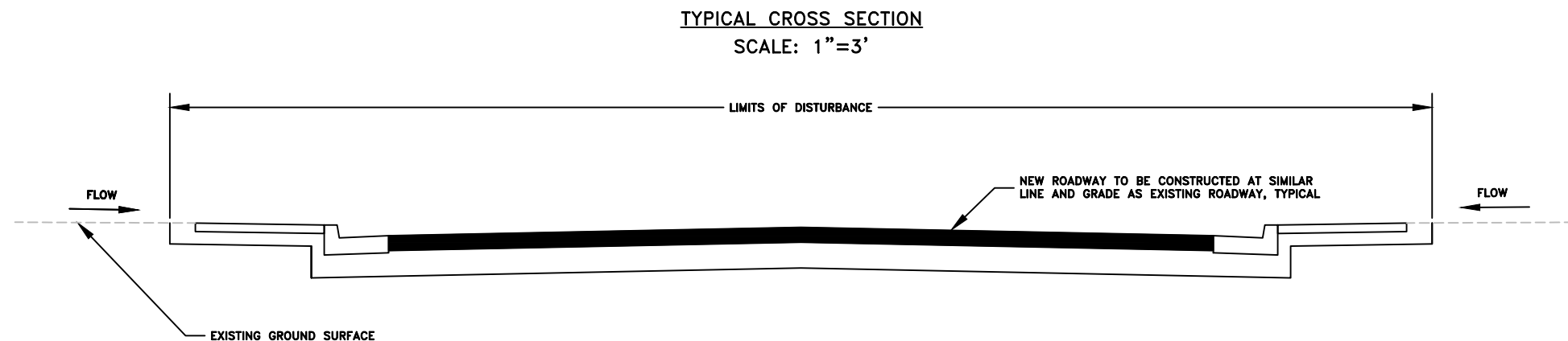
1. TOTAL DISTURBED AREA OF PROJECT: 3.80 ACRES
2. A COPY OF THE 1200-CN EROSION PREVENTION AND SEDIMENT CONTROL PERMIT SHALL BE MAINTAINED ON SITE AT ALL TIMES.
3. PERMANENT RE-SEEDING OF DISTURBED SURFACES SHALL BE COMPLETED WITH A 50-50 BLEND OF PERENNIAL RYEGRASS AND FINE FESCUE OR APPROVED EQUAL AT A RATE OF 220 POUNDS PER ACRE UNLESS SHOWN OTHERWISE ON THE CONSTRUCTION DRAWINGS.
4. VACUUM SWEEP ALL CONCRETE GUTTERS AND UNDISTURBED PAVEMENT WITHIN THE PROJECT LIMITS, AS WELL AS SIDE STREETS AND CONSTRUCTION ENTRANCES WITHIN 300 FEET OF THE PROJECT LIMITS, AT LEAST ONCE PER WEEK AND AS DIRECTED BY THE ENGINEER.

STANDARD PERMIT CONDITIONS

1. PRIOR TO ANY GROUND DISTURBING ACTIVITY ON THE SITE, AN INITIAL INSPECTION BY CITY STAFF IS REQUIRED. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES MUST BE IN PLACE PRIOR TO THE INSPECTOR ARRIVING. CALL (541) 791-0116 TO SCHEDULE YOUR INSPECTION.
2. EPSC MEASURES MUST BE INSTALLED IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER UPON ADJACENT PROPERTIES OR RIGHTS-OF-WAY, THE STORMWATER SYSTEM, WETLANDS, OR WATERS OF THE STATE.
3. EPSC MEASURES SHOWN ON THE PLANS ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THE EPSC MEASURES SHALL BE UPGRADED AS NEEDED FOR CHANGING CONDITIONS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.
4. EPSC MEASURES SHALL BE INSPECTED DAILY BY THE PERMIT HOLDER, AND MAINTAINED AS NECESSARY TO ENSURE THEIR FUNCTION.
5. STABILIZED GRAVEL CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
6. EPSC MEASURES SHALL BE KEPT IN PLACE UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
7. EXPOSED SOIL MUST BE PERMANENTLY STABILIZED AGAINST WIND AND WATER EROSION BEFORE THE EPSC PERMIT CAN BE CLOSED. ONCE THE SITE IS STABILIZED, SCHEDULE A FINAL INSPECTION BY CALLING (541) 791-0116. PERMANENT SOIL STABILIZATION INCLUDES LANDSCAPING, SEEDING, OR COVERING EXPOSED SOIL WITH A MINIMUM 2-INCH LAYER OF BARK OR WOOD CHIPS.
8. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO ENSURE THAT ANY PROPOSED GRADING, FILL, EXCAVATION, OR OTHER SITE WORK DOES NOT NEGATIVELY IMPACT DRAINAGE PATTERNS TO OR FROM ADJACENT PROPERTIES.


WET WEATHER PERMIT CONDITIONS

1. WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT FROM OCTOBER 1 THROUGH APRIL 30.
2. SOIL EXPOSED FOR MORE THAN 2 DAYS SHALL BE COVERED WITH PLASTIC SHEETING, MATTING, OR A 2-INCH LAYER OF MULCH, BARK, WOOD CHIPS, SAWDUST, OR STRAW TO MINIMIZE EROSION POTENTIAL.
3. EXPOSED SOILS SHALL BE SEEDED NO LATER THAN SEPTEMBER 1ST TO ALLOW TIME FOR PROPER GERMINATION AND GROWTH BEFORE THE WET WEATHER SEASON.
4. ANY DISTURBED AREAS NOT HYDROSEEDING BY SEPTEMBER 1ST SHALL BE HYDROSEEDING WITH A LAYER OF ECOBLANKET WITH TERRASEEDING BY REXIUS, INC. OR APPROVED EQUAL. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE USE OF ECOBLANKET AND TERRASEEDING.



DESIGNED: C. CERKLEWSKI	REVISIONS
DRAWN: C. CERKLEWSKI	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 1/11/2021	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-21-01, 24TH AVENUE REHABILITATION
EROSION PREVENTION AND SEDIMENT CONTROL NOTES

REGISTERED PROFESSIONAL
ENGINEER
56,471PE

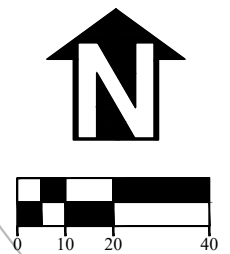
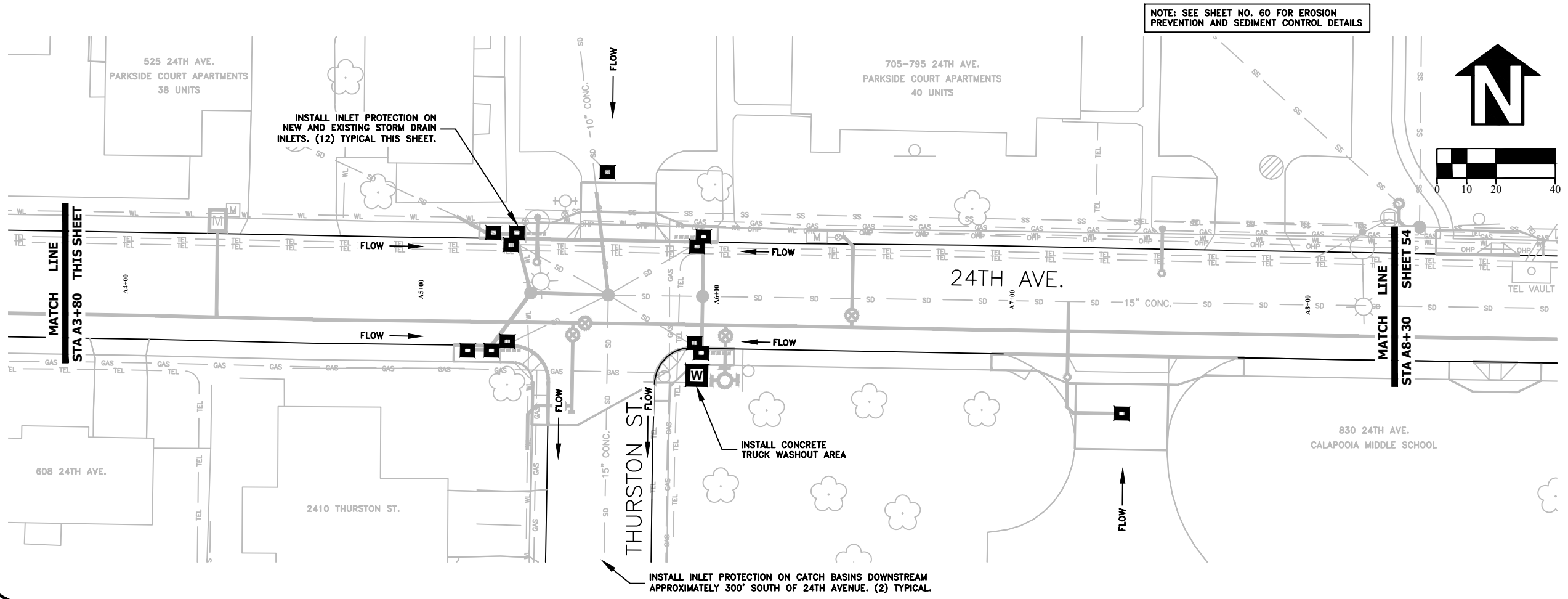
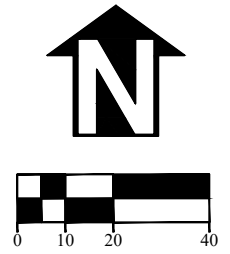
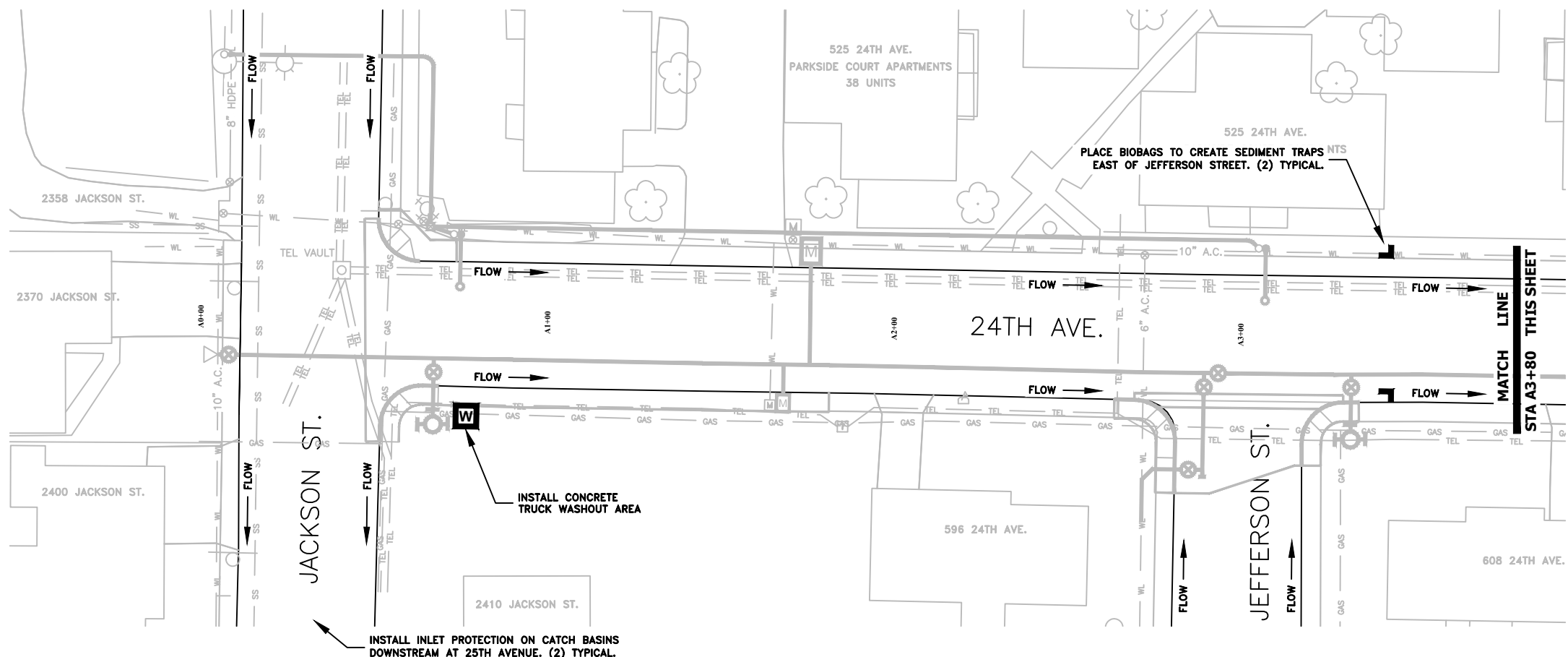
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SHEET NO. 52 OF 60

PROJECT NO: ST-21-01

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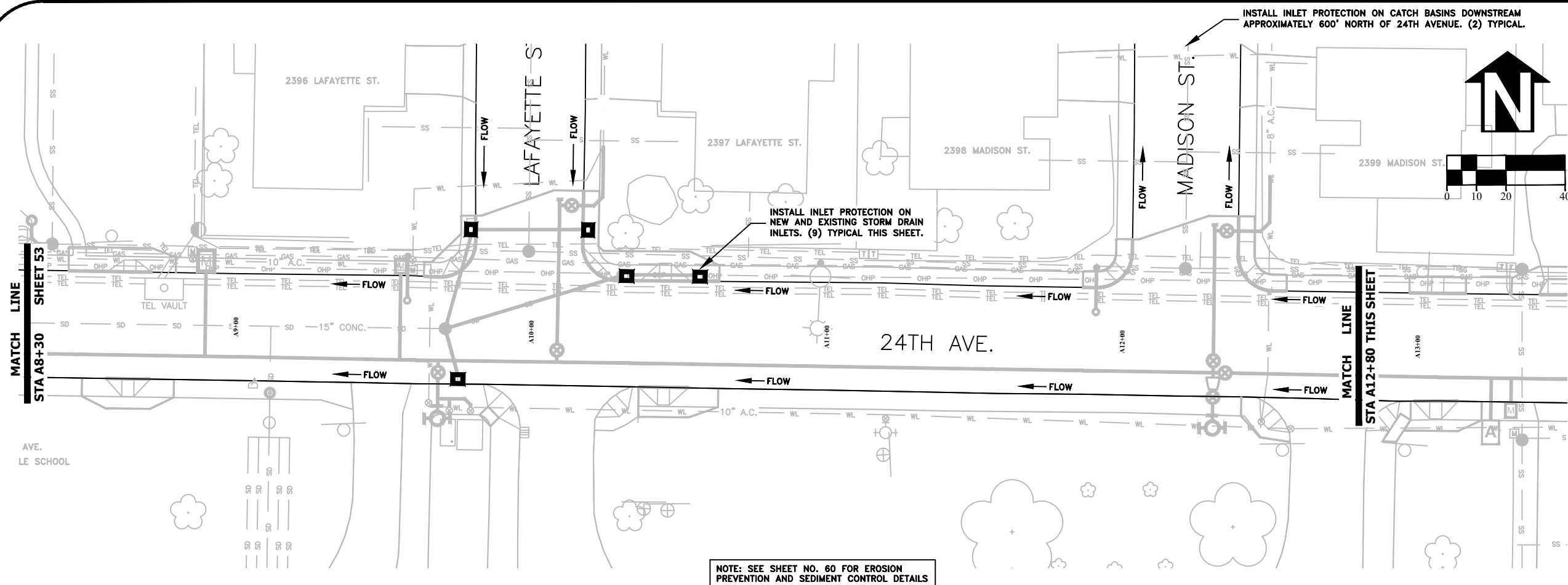


ST-21-01, 24TH AVENUE REHABILITATION
EROSION PREVENTION AND SEDIMENT CONTROL PLAN

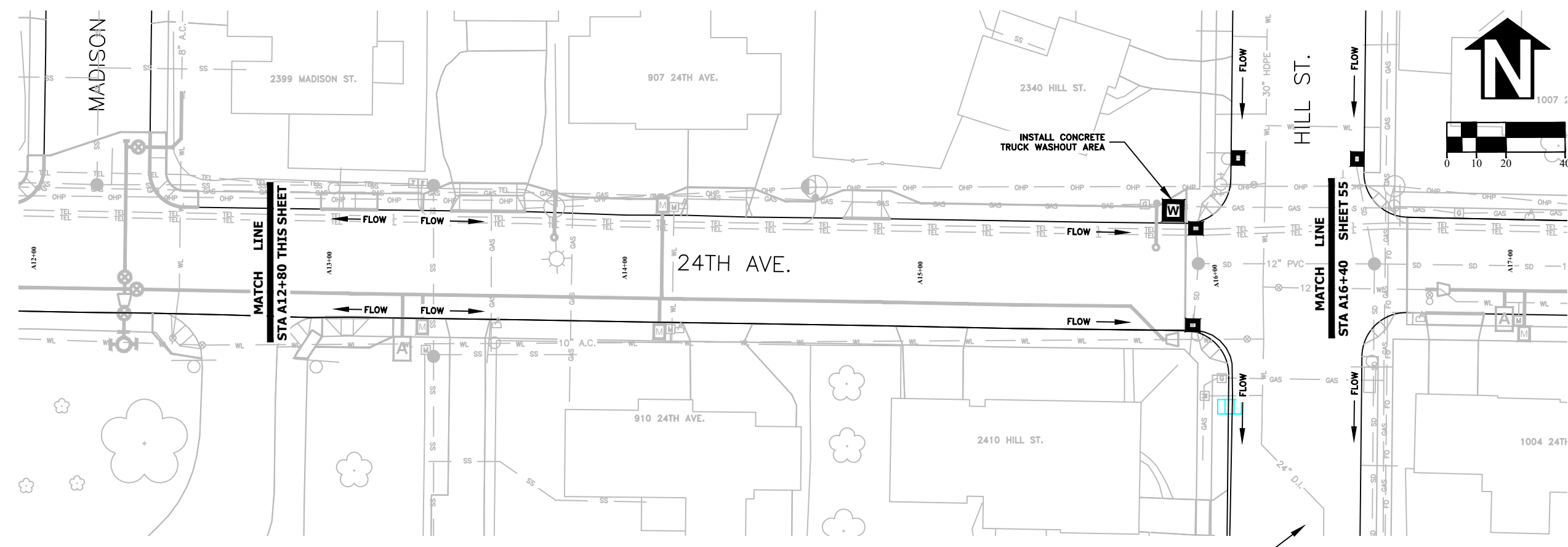
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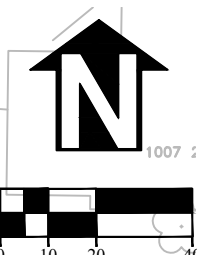
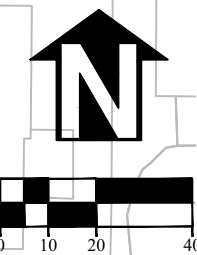
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NOTE: SEE SHEET NO. 60 FOR EROSION PREVENTION AND SEDIMENT CONTROL DETAILS



INSTALL INLET PROTECTION ON CATCH BASINS DOWNSTREAM APPROXIMATELY 200' SOUTH OF 24TH AVENUE. (2) TYPICAL.



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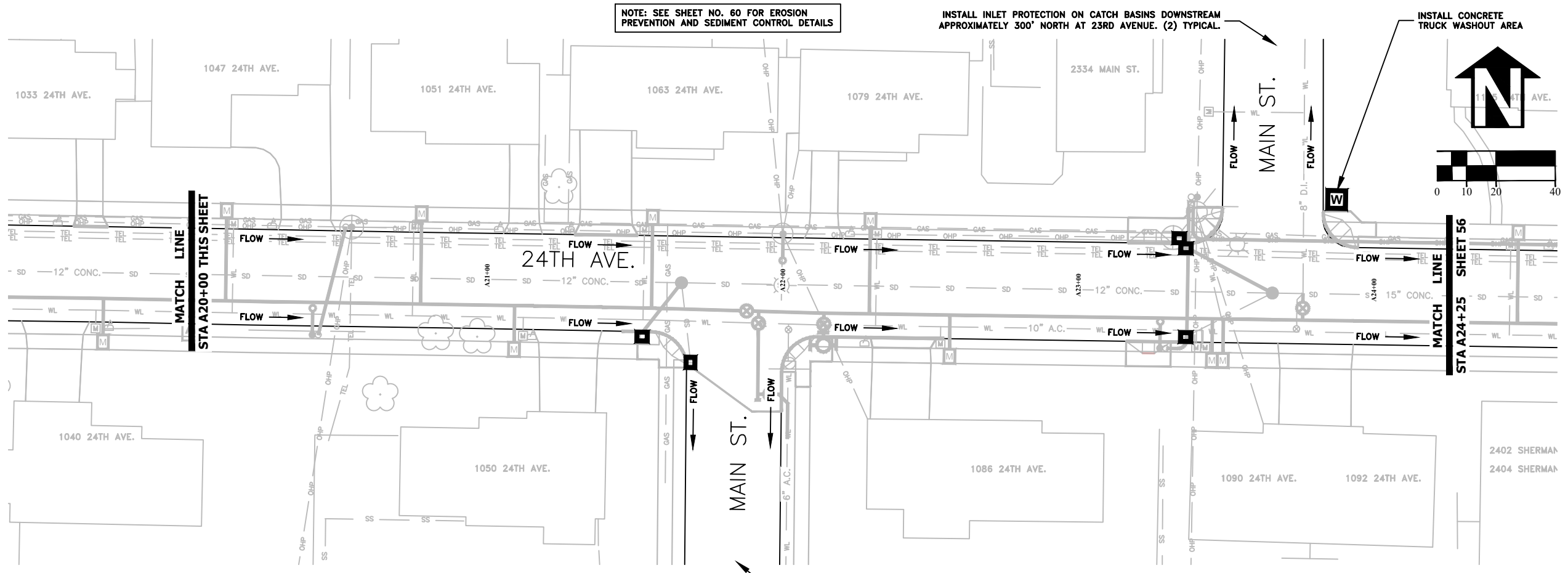
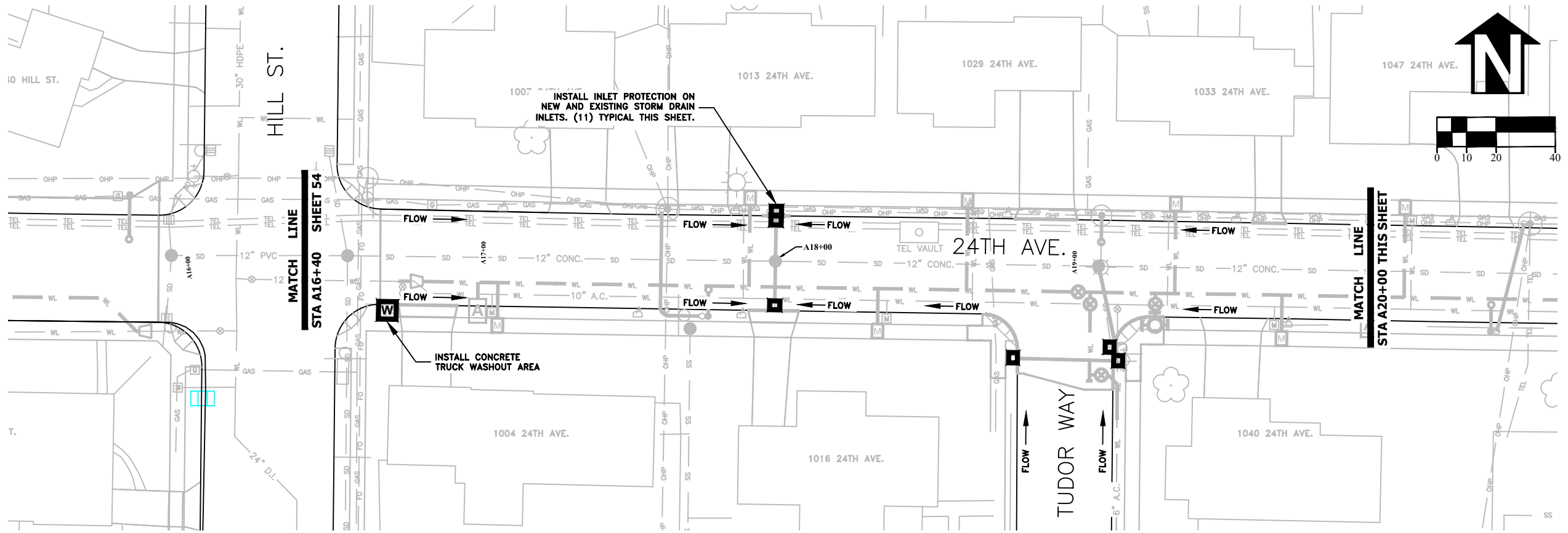
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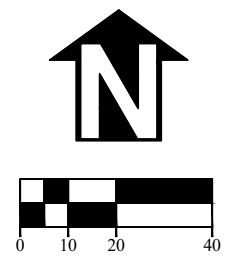
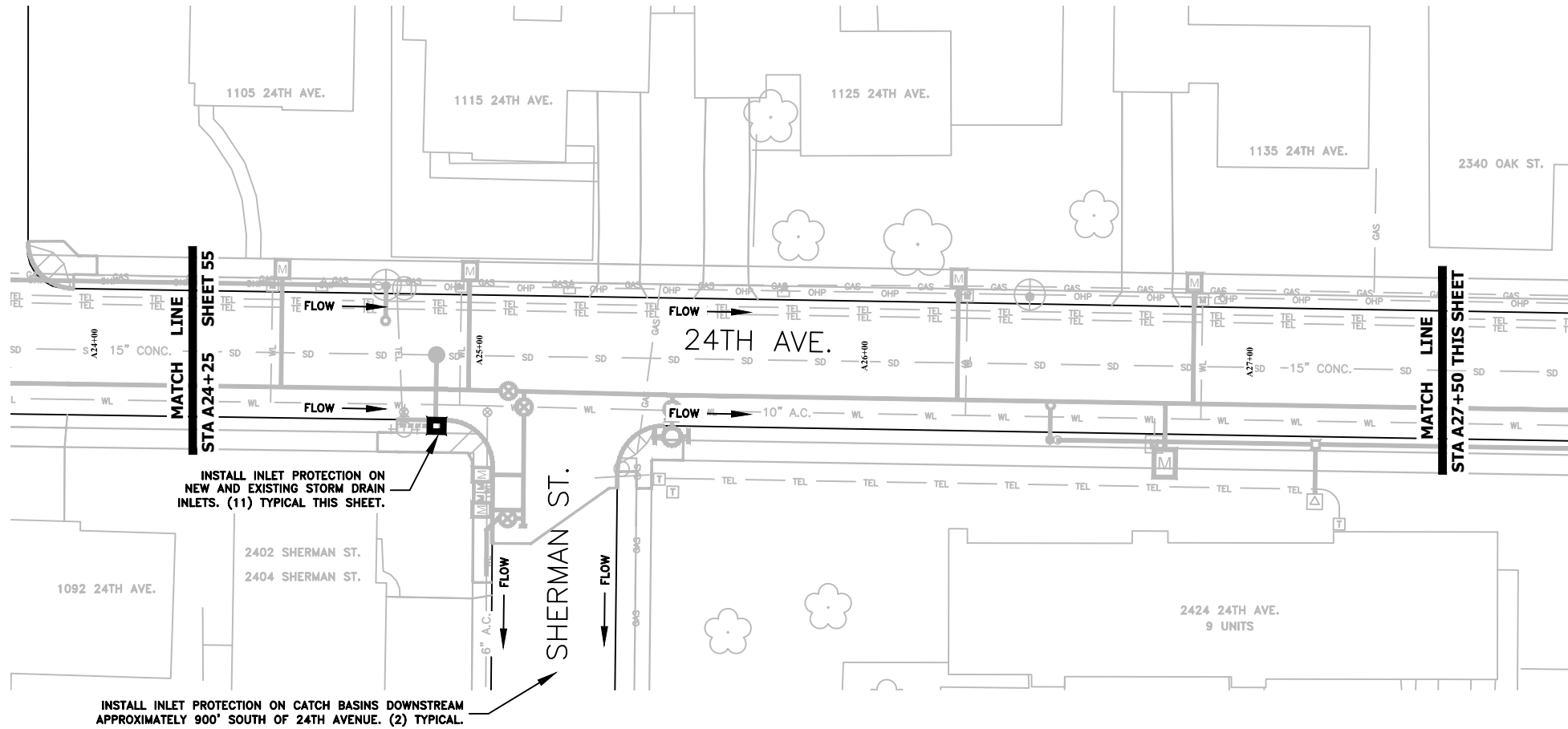
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SHEET NO. 55 OF 60

PROJECT NO: ST-21-01

FILE: BASE.DWG



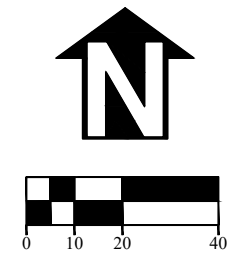
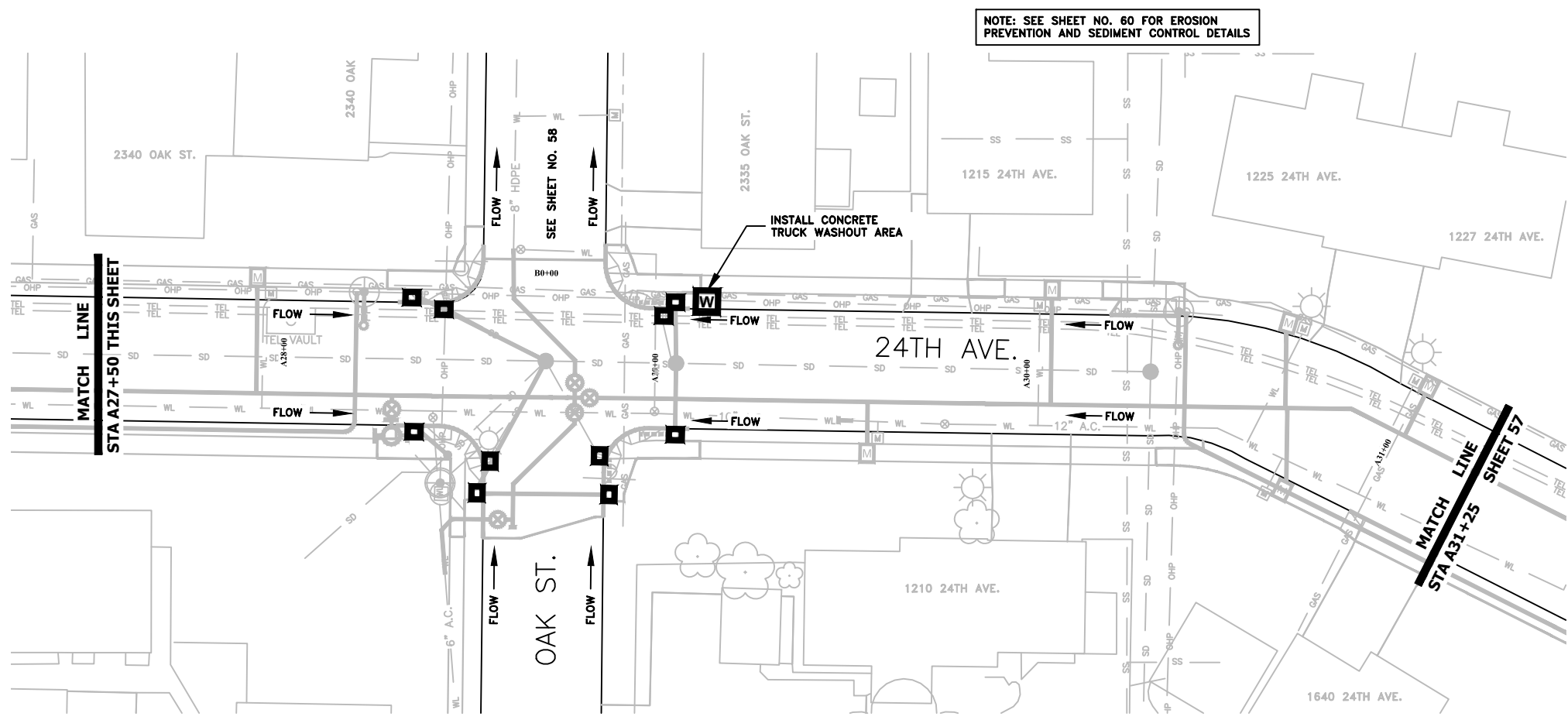
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EROSION PREVENTION AND SEDIMENT CONTROL PLAN



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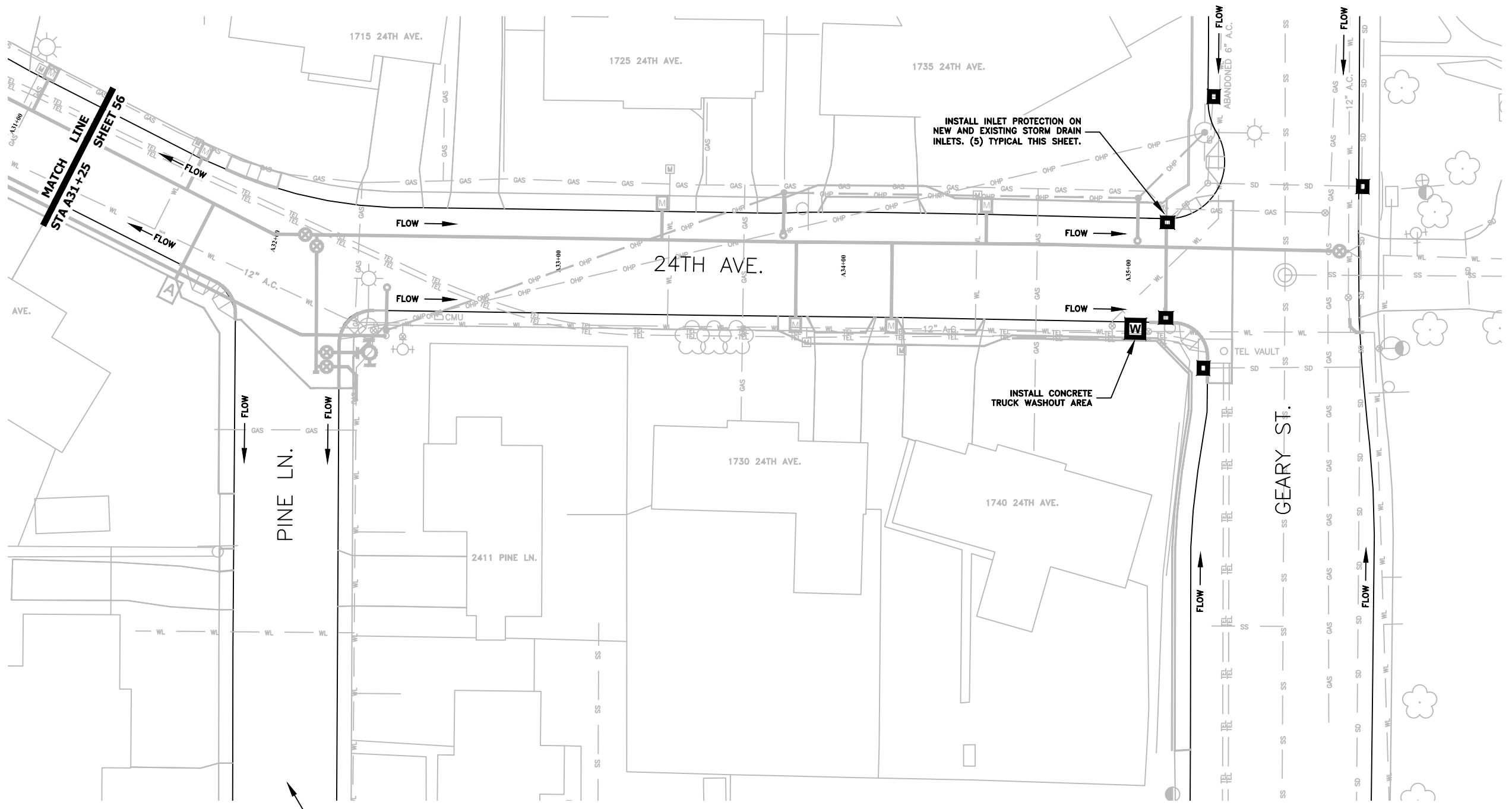
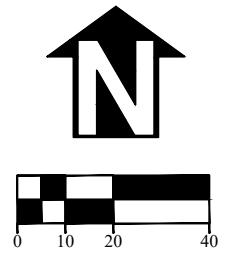
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PROJECT NO: ST-21-01

FILE: BASE.DWG

NOTE: SEE SHEET NO. 60 FOR EROSION PREVENTION AND SEDIMENT CONTROL DETAILS




INSTALL INLET PROTECTION ON CATCH BASINS DOWNSTREAM APPROXIMATELY 700' SOUTH OF 24TH AVENUE. (2) TYPICAL.

INSTALL INLET PROTECTION ON NEW AND EXISTING STORM DRAIN INLETS. (5) TYPICAL THIS SHEET.

INSTALL CONCRETE TRUCK WASHOUT AREA

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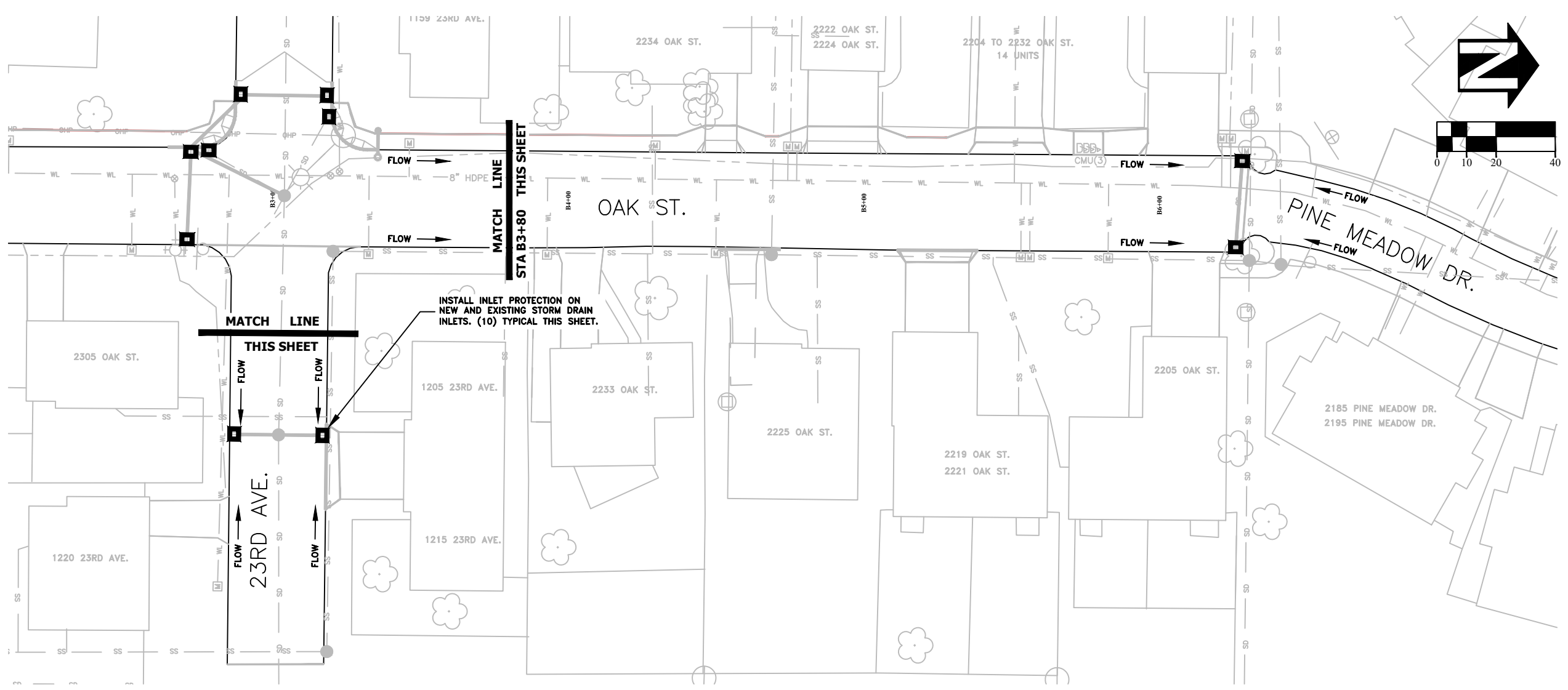
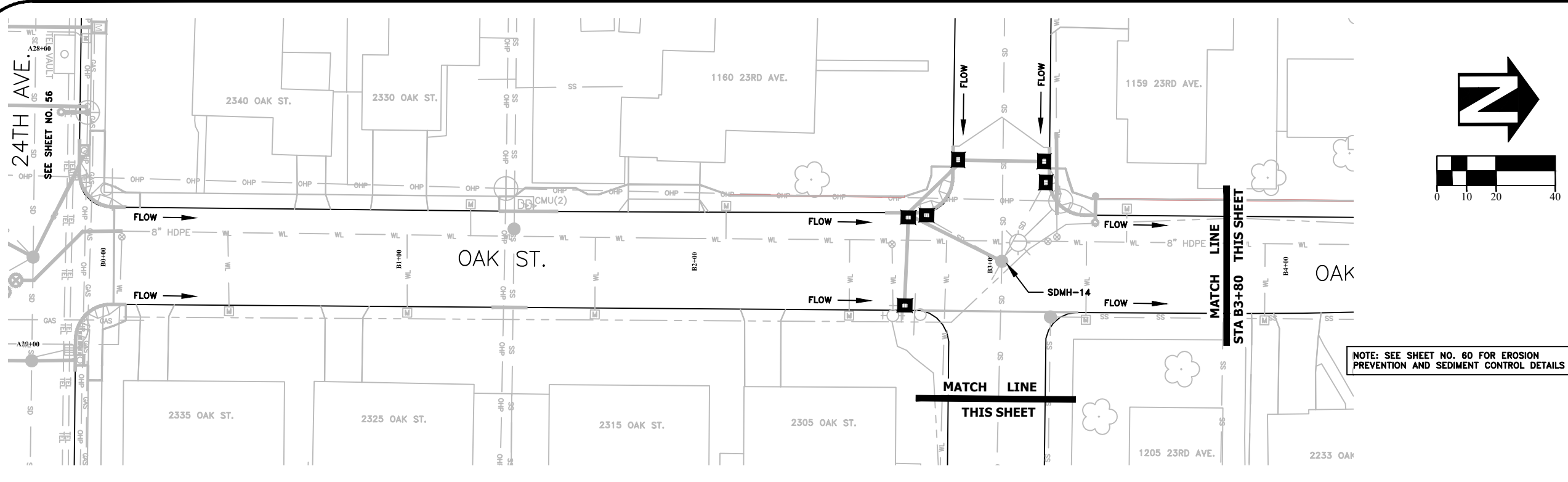
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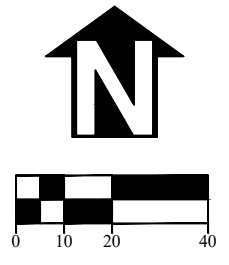
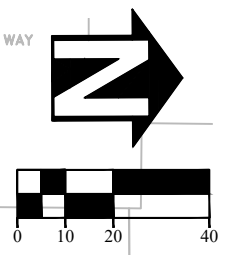
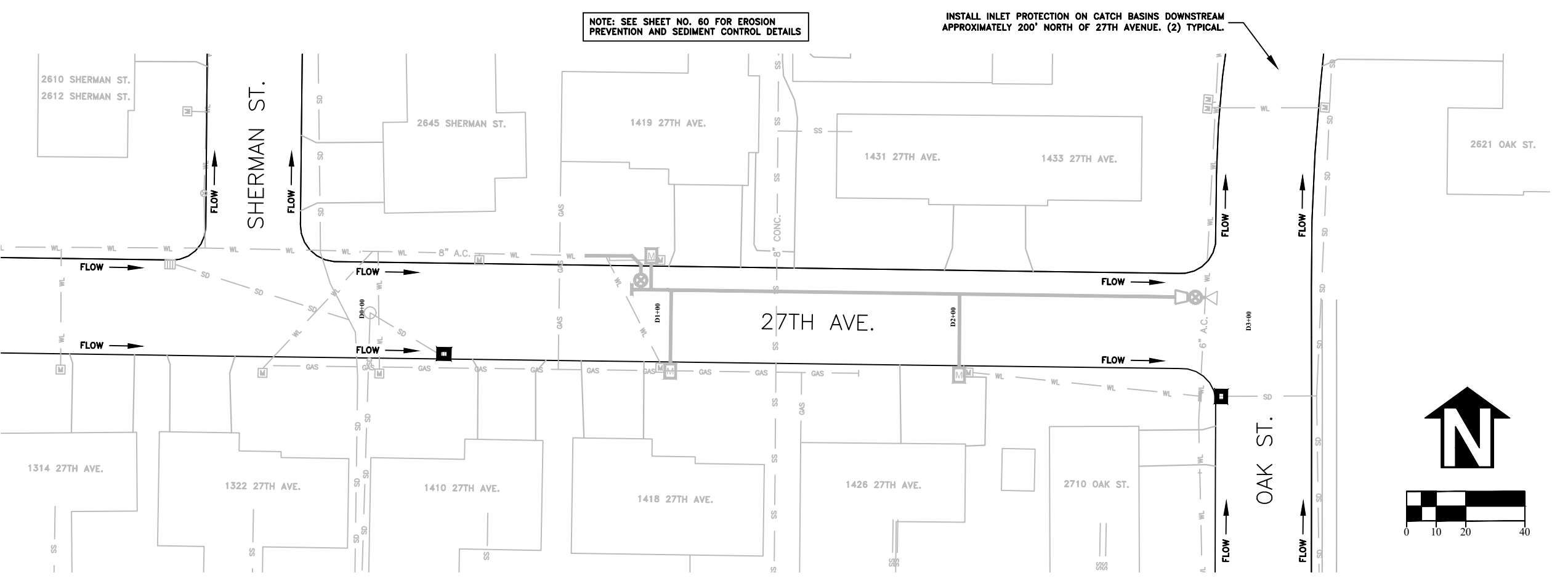
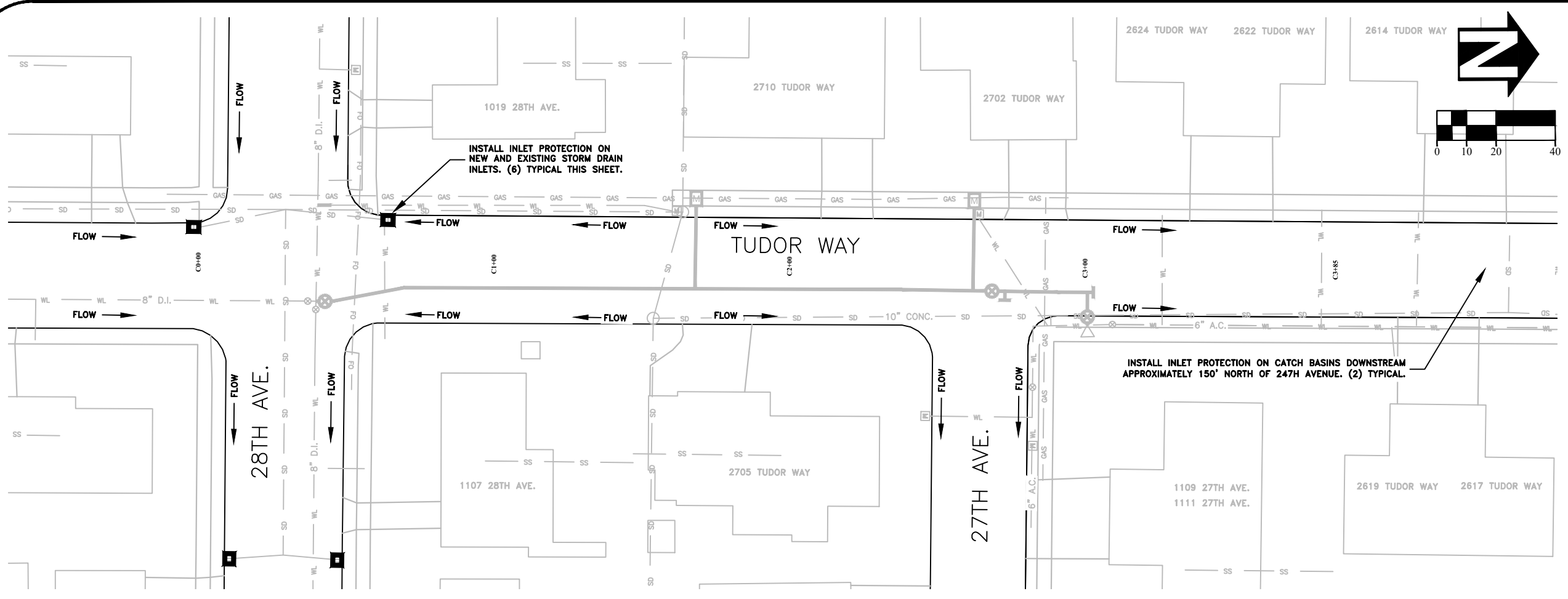
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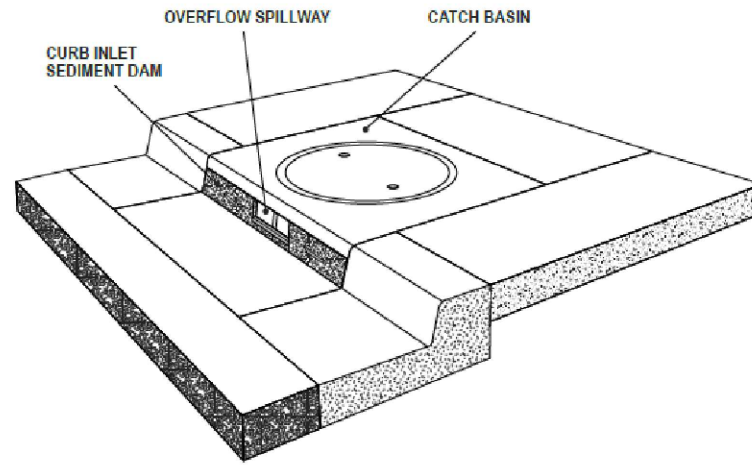


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EROSION PREVENTION AND SEDIMENT CONTROL PLAN



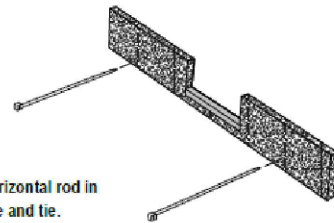
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Curb Inlet Sediment Dam



PRODUCT DATA:
 Material: 100% Non-woven Polyfiber
 Color: Blue
 Height: 5" (Custom)
 Widths: 36" - 54" - 70" (Custom)

INSTALLATION:
 Place strap through hole(s) provided. Wrap around the horizontal rod in mouth of curb inlet and extend strap through adjacent hole and tie.

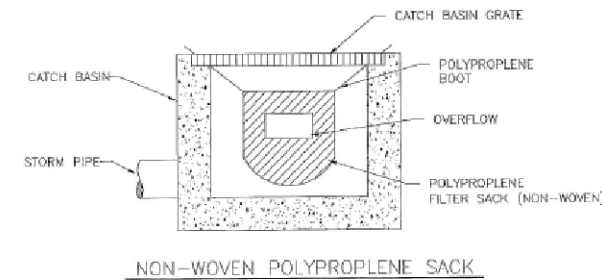
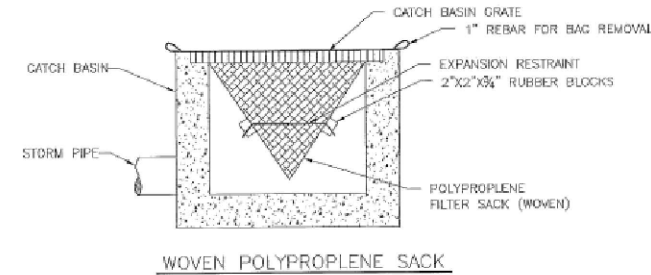


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Chapter 4

Diagram 4.3.7e
INLET PROTECTION TYPE 5



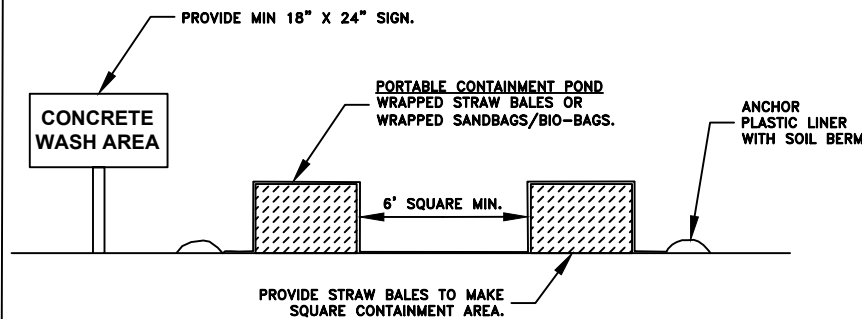
NOTE:
 1. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS. SIZE OF FILTER FABRIC INLET SACKS TO BE DETERMINED BY MANUFACTURER.

EPSC Manual

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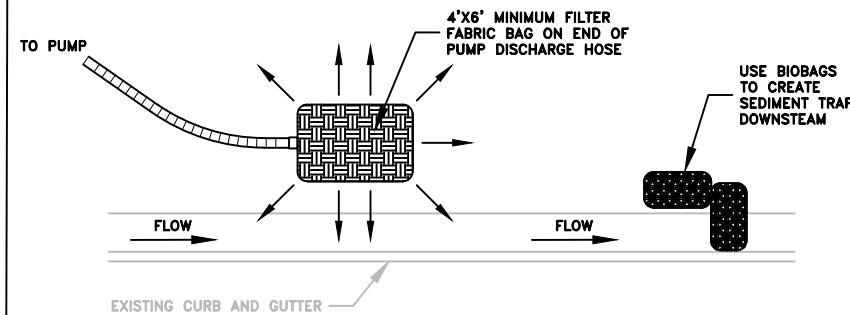
City of Albany

CONCRETE TRUCK WASH AREA
 NOT TO SCALE



- NOTES:**
- CONTRACTOR SHALL ONLY USE DESIGNATED CONCRETE WASHOUT AREAS. NON-COMPLIANCE MAY RESULT IN A STOP WORK ORDER AND/OR MONETARY PENALTIES. SEE SPECIAL PROVISIONS.
 - CONCRETE TRUCK WASH AREAS SHALL BE LOCATED ADJACENT TO ANY CONSTRUCTION ENTRANCE USED BY DEPARTING CONCRETE TRUCKS.
 - CONCRETE TRUCK WASH AREAS SHALL BE CONSTRUCTED OF ONE OF THE FOLLOWING:
 - STRAW BALE BARRIER WITH PLASTIC LINER.
 - STACKED SAND BAGS OR BIO-BAGS AS A BARRIER WITH PLASTIC LINER.
 - PORTABLE CONTAINMENT POND.
 - SUGGESTED LOCATIONS OF CONCRETE TRUCK WASH AREAS ARE SHOWN ON THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN.
 - FINAL LOCATION OF CONCRETE TRUCK WASH AREAS SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL EPSC INSPECTION.

SAMPLE TRENCH DEWATERING METHOD
 NOT TO SCALE

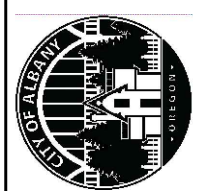


- NOTES:**
- NON-COMPLIANCE MAY RESULT IN A STOP WORK ORDER AND/OR MONETARY PENALTIES. SEE SPECIAL PROVISIONS.
 - THIS DETAIL IS SHOWN AS A SAMPLE TRENCH DEWATERING METHOD. CONTRACTOR MAY PROPOSE ALTERNATIVE METHODS TO THE ENGINEER FOR APPROVAL.
 - FILTER FABRIC BAGS SHALL BE PROPERLY SIZED FOR DISCHARGE RATE AND SHALL BE REPLACED ONCE FULL OR PLUGGED.

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