

# CITY OF STANWOOD

## PUBLIC WORKS DEPARTMENT

### VIKING WAY PHASE 2

92nd AVE NW TO 90th AVE NW

FEDERAL AID PROJECT NO. : STPUS-9308(001)

CITY OFFICIALS:

MAYOR:

SID ROBERTS

COUNCIL MEMBERS:

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 MARCUS METZ  
 DARREN ROBB  
 TIMOTHY PEARCE  
 STEVE SHEPRO  
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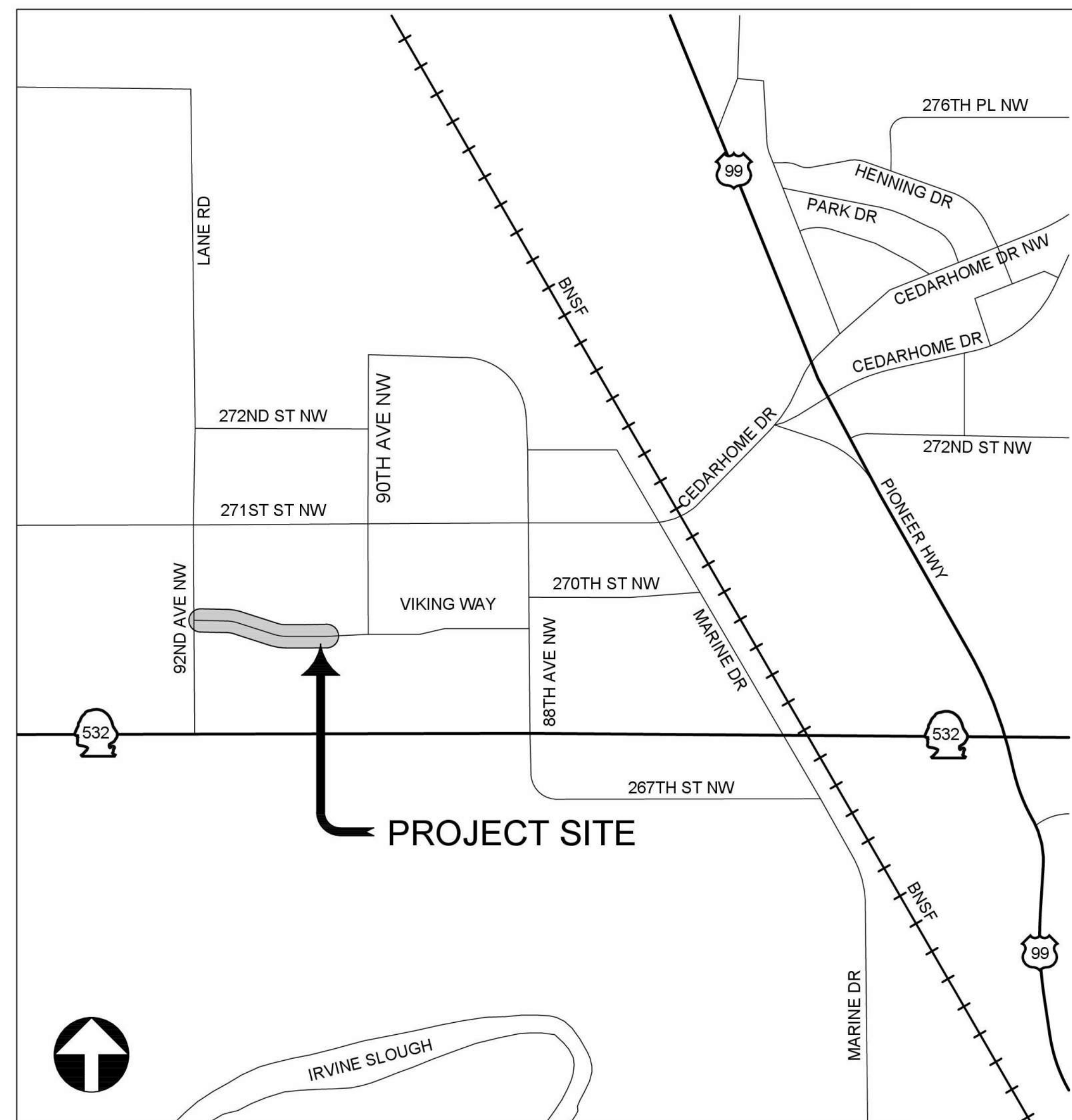
CITY ADMINISTRATOR:

SHAWN SMITH, P.E.

APPROVED BY:



KEVIN HUSHAGEN  
 PUBLIC WORKS DIRECTOR



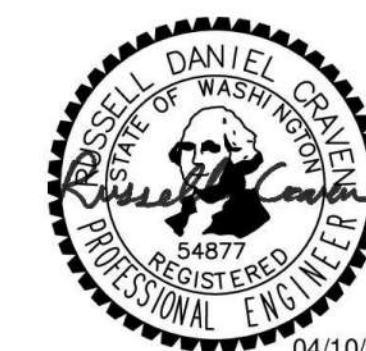
### VICINITY MAP

NOT TO SCALE

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Apr 08, 2024 - 11:27am Kevin Cronenweitt X:\Stanwood\_City of Projects\20200032 - Viking Way Ph 2\CADD\02 - Plan Sheets\20200032 GN.dwg Layout Name: GN1



Russell Craven  
 2024.04.10  
 17:10:54 -05'00'

04/10/2024



**WATER SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[ ]	[ ]	[ ]	CAP/PLUG
[#]	[#]	[#]	COUPLING
[o]	[o]	[o]	GUARD POST
[v]	[v]	[v]	REDUCER
[^]	[^]	[^]	THRUST BLOCKING
[M]	[M]	[M]	WATER METER
[F]	[F]	[F]	FIRE HYDRANT 2-NOZZLE
[G]	[G]	[G]	FIRE HYDRANT 3-NOZZLE
[I]	[I]	[I]	FLANGE/BLIND FL (FL) (BL FL)
[C]	[C]	[C]	MECHANICAL JOINT (MJ)
[P]	[P]	[P]	PUSH-ON/HUB
[T]	[T]	[T]	THREAD
[R]	[R]	[R]	AIR RELIEF VALVE
[B]	[B]	[B]	BLOW-OFF VALVE
[N]	[N]	[N]	BUTTERFLY VALVE
[G]	[G]	[G]	CHECK VALVE
[V]	[V]	[V]	GATE/GENERAL VALVE
[K]	[K]	[K]	PLUG VALVE

**GAS/POWER/TELEPHONE SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[G]	[G]	[G]	GAS METER
[V]	[V]	[V]	GAS VALVE
[P]	[P]	[P]	PAD MOUNTED TRANSFORMER
[P]	[P]	[P]	POWER VAULT
[T]	[T]	[T]	TRANSMISSION TOWER
[U]	[U]	[U]	UTILITY POLE
[A]	[A]	[A]	UTILITY POLE ANCHOR
[R]	[R]	[R]	TELEPHONE RISER
[T]	[T]	[T]	TELEPHONE VAULT

**SURVEY SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[C]	[C]	[C]	SURVEY CONTROL POINT
[B]	[B]	[B]	BENCH MARK
[O]	[O]	[O]	BLOCK CORNER
[I]	[I]	[I]	IRON PIPE
[M]	[M]	[M]	MONUMENT (IN CASE)
[S]	[S]	[S]	MONUMENT (SURFACE)
[T]	[T]	[T]	OWNERSHIP TIE
[C]	[C]	[C]	SECTION CENTER
[S]	[S]	[S]	SECTION CORNER
[Q]	[Q]	[Q]	QUARTER CORNER
[S]	[S]	[S]	SIXTEENTH CORNER
[C]	[C]	[C]	CLOSING CORNER
[M]	[M]	[M]	MEANDER CORNER
[W]	[W]	[W]	WITNESS CORNER
[S]	[S]	[S]	SOIL BORING/POTHOLING
[E]	[E]	[E]	SPOT ELEVATION
[N]	[N]	[N]	TAX LOT/PARCEL NUMBER

**SIGNALIZATION SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[D]	[D]	[D]	AERIAL DISCONNECT
[A]	[A]	[A]	AERIAL TERMINAL COMPARTMENT
[D]	[D]	[D]	DIPOLE DETECTOR
[Q]	[Q]	[Q]	QUADRAPOLE DETECTOR
[R]	[R]	[R]	ROUND LOOP DETECTOR
[P]	[P]	[P]	PEDESTRIAN DETECTOR
[L]	[L]	[L]	INDICATOR LIGHT
[O]	[O]	[O]	OPTICOM SENSOR
[S]	[S]	[S]	OPTICOM SENSOR W/ INDICATOR LIGHTS
[F]	[F]	[F]	FLASHING WARNING SYSTEM
[J]	[J]	[J]	JUNCTION BOXES (TYPE I, II, III)
[P]	[P]	[P]	PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
[S]	[S]	[S]	PEDESTRIAN SIGNAL HEAD
[R]	[R]	[R]	R/R CROSSING GATE
[S]	[S]	[S]	R/R CROSSING SIGNAL
[C]	[C]	[C]	SIGNAL CONTROLLER
[L]	[L]	[L]	SIGNAL LOAD CENTER
[S]	[S]	[S]	STREET LIGHT ASSEMBLY
[B]	[B]	[B]	TRAFFIC SIGN-BRIDGE
[C]	[C]	[C]	TRAFFIC SIGN-CANTILEVERED
[S]	[S]	[S]	TRAFFIC SIGN-SINGLE POST
[S]	[S]	[S]	TRAFFIC SIGN-DOUBLE POST
[P]	[P]	[P]	TRAFFIC SIGNAL POLE
[P]	[P]	[P]	TRAFFIC SIGNAL POLE W/ LUMINAIRE
[S]	[S]	[S]	TRAFFIC SIGNAL SUPPORT POLE
[V]	[V]	[V]	VEHICLE SIGNAL HEAD
[V]	[V]	[V]	VEHICLE SIGNAL HEAD W/ ARROW INDICATOR
[W]	[W]	[W]	WIRE NOTE

**SANITARY/STORM SEWER SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[C]	[C]	[C]	SANITARY SEWER CLEAN OUT
[M]	[M]	[M]	SANITARY SEWER MANHOLE
[C]	[C]	[C]	STORM DRAIN CATCH BASIN (TYPE 1)
[C]	[C]	[C]	STORM DRAIN CULVERT
[C]	[C]	[C]	STORM DRAIN CATCH BASIN (TYPE 2)
[M]	[M]	[M]	STORM DRAIN MANHOLE
[E]	[E]	[E]	ENERGY DISSIPATOR
[S]	[S]	[S]	OVERFLOW STRUCTURE

**CHANNELIZATION SYMBOLS**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[B]	[B]	[B]	BIKE PATH
[H]	[H]	[H]	HANDICAP SYMBOL
[L]	[L]	[L]	H.O.V. LANE SYMBOL
[O]	[O]	[O]	ONLY
[R]	[R]	[R]	RAILROAD CROSSING
[S]	[S]	[S]	SCHOOL
[S]	[S]	[S]	STOP
[A]	[A]	[A]	STRAIGHT ARROW
[L]	[L]	[L]	LT.RT.STR. ARROW
[L]	[L]	[L]	LEFT-RIGHT ARROW
[L]	[L]	[L]	2-WAY LEFT TURN
[L]	[L]	[L]	LEFT TURN ARROW
[R]	[R]	[R]	RIGHT TURN ARROW
[L]	[L]	[L]	LEFT-STRAIGHT ARROW
[R]	[R]	[R]	RIGHT-STRAIGHT ARROW
[L]	[L]	[L]	LANE MARKER TYPE I
[L]	[L]	[L]	LANE MARKER TYPE II

**SURFACE FEATURES/LANDSCAPING**

SYMBOL	EXIST.	PROP.	DESCRIPTION
[B]	[B]	[B]	BUS STOP
[E]	[E]	[E]	EMBANKMENT
[M]	[M]	[M]	MAIL BOX
[R]	[R]	[R]	RIP RAP
[R]	[R]	[R]	ROCKERY
[S]	[S]	[S]	SHRUB
[S]	[S]	[S]	SIGN
[T]	[T]	[T]	TREE (CONIFER)
[T]	[T]	[T]	TREE (DECIDUOUS)
[F]	[F]	[F]	FENCE POST
[C]	[C]	[C]	CURB RAMP
[Y]	[Y]	[Y]	YARD LIGHT

**ABBREVIATIONS**

ADJ	ADJUST
ALIGN	ALIGNMENT
ALT	ALTERNATE
AP	ANGLE POINT
APPROX	APPROXIMATELY
ASPH	ASPHALT
AVE	AVENUE
AVG	AVERAGE
BM	BENCH MARK
BOT	BOTTOM
BTWN	BETWEEN
CB	CATCH BASIN
CB1	CATCH BASIN TYPE 1
CB2	CATCH BASIN TYPE 2
CG	CURB & GUTTER
C/L, CL, C	CENTERLINE
COM	COMMON
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT/CONSTRUCTION
CONT	CONTINUED/CONTINUOUS
DET	DETAIL
DWG	DRAWING
E	EAST, VERTICAL DISTANCE BETWEEN PVI AND ROAD SURFACE
EA	EACH
EL	ELEVATION
EX, EXIST	EXISTING
FH	FIRE HYDRANT
FT	FEET/FOOT
G	GAS LINE
GE	GROUND ELEVATION
GV	GAS VALVE
HORIZ	HORIZONTAL
HPS	HIGH PRESSURE SODIUM
HT	HEIGHT
IE	INVERT ELEVATION
IN	INCH/INCHES
INT	INTERSECTION
K	RATE OF VERTICAL CURVATURE (LENGTH (FT) PER % DIFF. IN GRADE)
L	LENGTH OF ARC
LB	POUND
LBS	POUNDS
LF	LINEAL FOOT/FEET
LT	LEFT
LUMIN	LUMINAIRE
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MIC	MONUMENT IN CASE
MIN	MINIMUM
MON	MONUMENT
MRC	REBAR WITH CAP
MSX	SCRIBED "X"
N	NORTH
NA	NOT APPLICABLE
NTS	NOT TO SCALE
OPP	OPPOSITE
PC	POINT OF CURVE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE / POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
REF	REFERENCE
RR	RAILROAD
RT	RIGHT
R/W, ROW	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
STLT	STREET LIGHT
SLJB	STREET LIGHTING JUNCTION BOX
SS	SANITARY SEWER
ST	STREET
STA	STATION
S/W	SIDEWALK
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL TOP OF CURB
TOC	TELEVISION
TV	UTILITY
UTIL	UTILITY
VERT	VERTICAL
W	WEST, WATER LINE
W/	WITH

**LINETYPES**

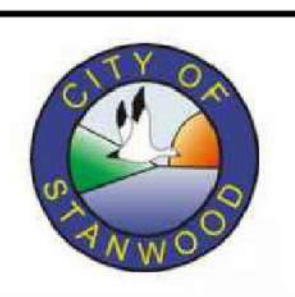
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[Hatched]	SURFACE FEATURES:
[Solid]	EXISTING BUILDING LINE
[Dashed]	PROPOSED BUILDING LINE
[Dotted]	EXISTING DITCH
[Dashed]	PROPOSED DITCH
[Dotted]	EXISTING CURB/PAVEMENT/SIDEWALK
[Dashed]	PROPOSED CURB/PAVEMENT/SIDEWALK
[Dotted]	EXISTING FENCE LINE
[Dashed]	PROPOSED FENCE LINE
[Dotted]	EXISTING GRAVEL
[Dashed]	EXISTING GUARDRAIL
[Dashed]	PROPOSED GUARDRAIL
[Dotted]	LAKE/POND
[Dashed]	WETLAND/SWAMP PERIMETER
[Dotted]	RAILROAD
[Hatched]	EXISTING RETAINING WALL
[Hatched]	PROPOSED RETAINING WALL
[Dashed]	RIVERBANK/Shoreline
[Wavy]	VEGETATION LINE
[Dashed]	SAWCUT
[Dotted]	<b>SURVEY:</b>
[Dotted]	EXISTING CENTERLINE
[Dashed]	PROPOSED CENTERLINE
[Dotted]	EXISTING CONTOUR (INTERMEDIATE)
[Dotted]	EXISTING CONTOUR (INDEX)
[Dotted]	PROPOSED CONTOUR (INTERMEDIATE)
[Dotted]	PROPOSED CONTOUR (INDEX)
[Dotted]	EXISTING EASEMENT LINE
[Dotted]	PROPOSED EASEMENT LINE
[Dotted]	EXISTING PROPERTY LINE
[Dotted]	EXISTING RIGHT OF WAY CENTERLINE
[Dotted]	EXISTING RIGHT OF WAY
[Dotted]	EXISTING RIGHT OF WAY (USED)
[Dotted]	PROPOSED RIGHT OF WAY
[Dotted]	SECTION LINE
[Dotted]	QUARTER SECTION LINE
[Dotted]	16TH SECTION LINE
[Dotted]	<b>UTILITIES (EXISTING)</b>
[Dotted]	EXISTING GAS LINE
[Dotted]	EXISTING AERIAL POWER
[Dotted]	EXISTING BURIED POWER
[Dotted]	EXISTING STORM DRAIN
[Dotted]	EXISTING FORCE MAIN
[Dotted]	EXISTING SANITARY SEWER
[Dotted]	EXISTING AERIAL TELEPHONE
[Dotted]	EXISTING BURIED TELEPHONE
[Dotted]	EXISTING WATER LINE
[Dotted]	<b>UTILITIES (PROPOSED)</b>
[Dotted]	PROPOSED GAS LINE
[Dotted]	PROPOSED AERIAL POWER
[Dotted]	PROPOSED BURIED POWER
[Dotted]	PROPOSED STORM DRAIN
[Dotted]	PROPOSED FORCE MAIN
[Dotted]	PROPOSED SANITARY SEWER
[Dotted]	PROPOSED AERIAL TELEPHONE
[Dotted]	PROPOSED BURIED TELEPHONE
[Dotted]	PROPOSED WATER LINE
[Dotted]	<b>CUSTOM:</b>
[Dotted]	CUT LINE
[Dotted]	FILL LINE
[Dotted]	SILT FENCE
[Dotted]	PEDESTRIAN HANDRAIL

NORTH ARROW

DATUM

Apr 09, 2024 - 11:27am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan\_Sheets\20200032\_GN.dwg Layout Name: GN2

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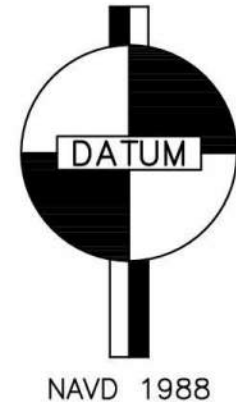


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

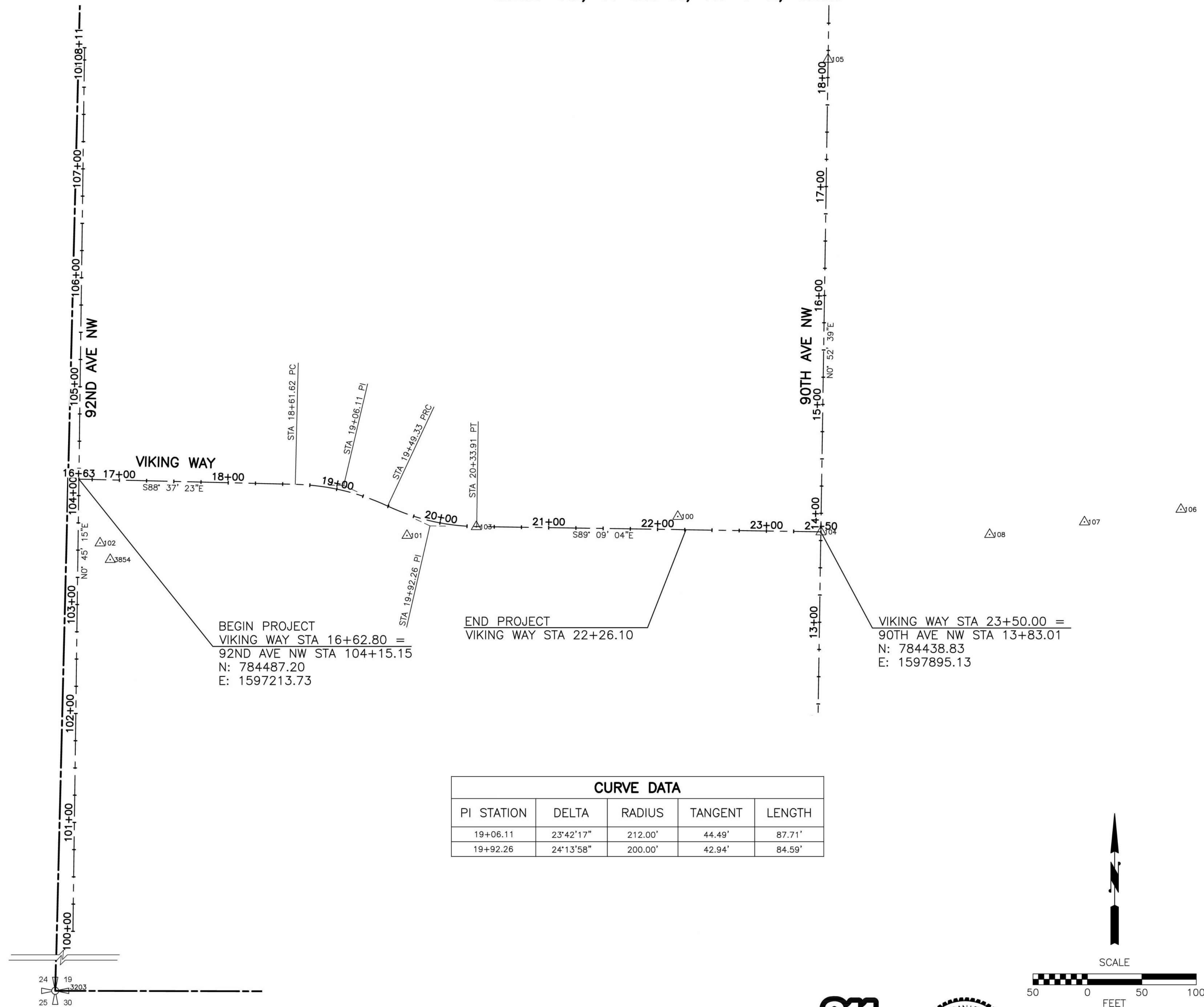
CITY OF STANWOOD  
 VIKING WAY PHASE 2  
**LEGEND AND ABBREVIATIONS**

Drawing No. <b>GN1</b>
Sheet No. 2
41 of Total





SURVEY CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION (NAVD88)	CODE
100	784452.89	1597763.75	11.02	MSX
101	784435.43	1597515.04	14.79	MSX
102	784428.52	1597233.15	10.81	MRC
103	784443.44	1597578.68	13.97	MIC
104	784438.70	1597895.15	9.57	MIC
105	784872.54	1597901.76	8.53	MIC
106	784459.38	1598225.84	9.33	MIC
107	784447.85	1598137.22	8.90	MIC
108	784436.32	1598050.13	8.58	MIC
3203	783904.41	1597189.07	14.10	MON
3854	784413.31	1597242.50	8.47	MRC



**SURVEY NOTES**

- HORIZONTAL DATUM: PROJECT SYSTEM DERIVED FROM THE WASHINGTON STATE PLAN COORDINATE SYSTEM, MORTH ZONE (4601) NAD83 (1991) EPOCH2010.0, US SURVEY FOOT. THE PROJECT COMBINED SCALE FACTOR IS 0.999947664.
- TO MOVE FROM PROJECT COORDINATES TO STATE PLANE GRID, MOVE ALL ENTITIES BY 100,000 METERS SOUTH AND 100,000 METERS WEST USING 0.0 AS THE BASE POINT, THEN SCALE BY THE COMBINED SCALE FACTOR.
- TO MOVE FROM STATE PLANE GRID COORDINATES, SCALE ALL ENTITIES BY THE INVERSE OF THE COMBINED SCALE FACTOR USING 0.0 AS THE BASE POINT, THEN MOVE THEM EAST 100,000 METERS AND NORTH 100,000 METERS.
- VERTIVAL DATUM: NAVD88
- BASIS OF BEARINGS: WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (4601), NAD83/11, US SURVEY FOOT (GRID). S 85°08'33" E FROM MON IN CASE (1-ALLIANCE #103) TO FND MON IN CASE (1-ALLIANCE #104).
- PROJECT BENCHMARK: 1-ALLIANCE #102 SET REBAR W/CAP ELEV = 10.81'.

**CURVE DATA**

PI STATION	DELTA	RADIUS	TANGENT	LENGTH
19+06.11	23°42'17"	212.00'	44.49'	87.71'
19+92.26	24°13'58"	200.00'	42.94'	84.59'

Apr 09, 2024 - 11:27am X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 AL.dwg Layout Name: AL1 Kevin.Cronenwett

No.	Date	Revision	By	Appr.

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CITY OF STANWOOD

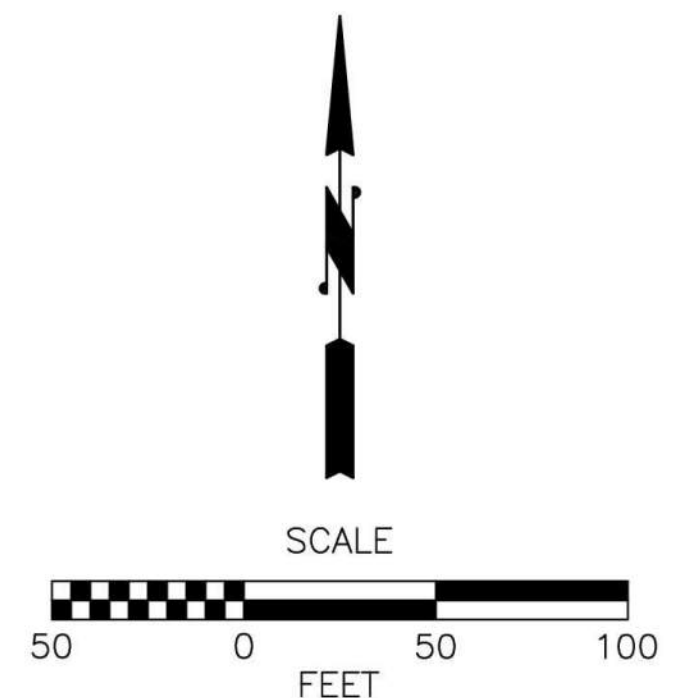
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RUSSELL DANIEL CRAVEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54877  
04/10/2024

Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
SURVEY CONTROL AND  
CONSTRUCTION ALIGNMENT PLAN

Drawing No. <b>AL1</b>
Sheet No. 3
41 of Total





SEC. 19, T. 32 N, R. 4 E, W.M.

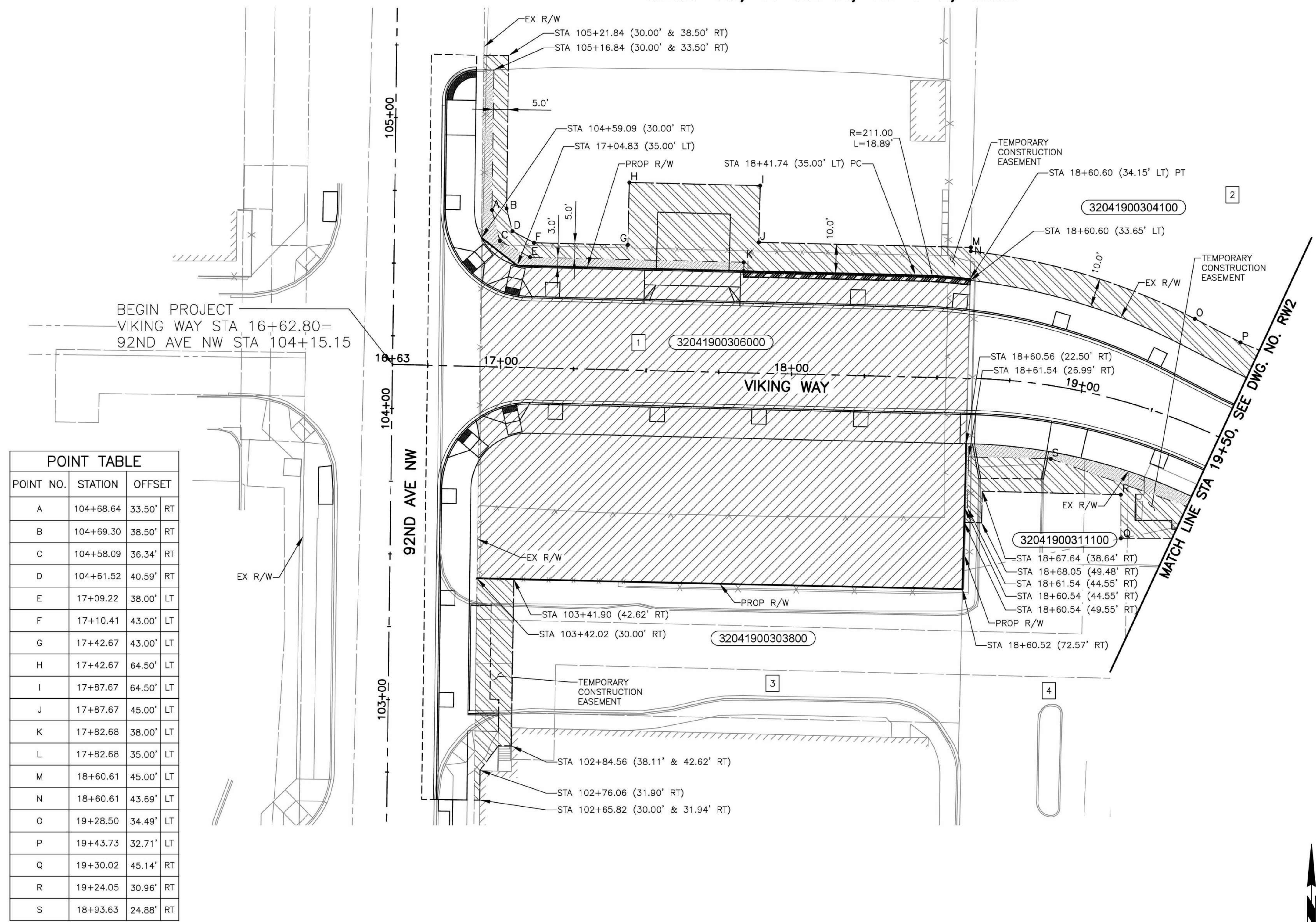
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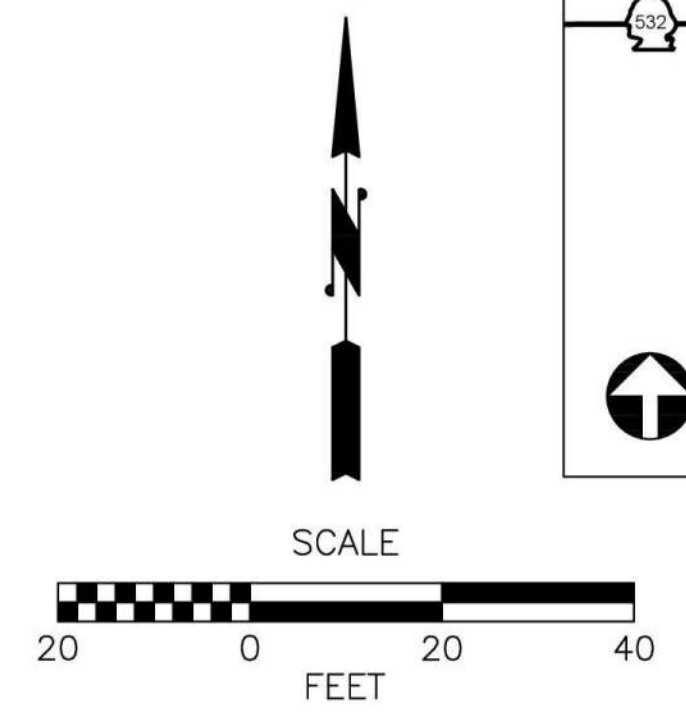
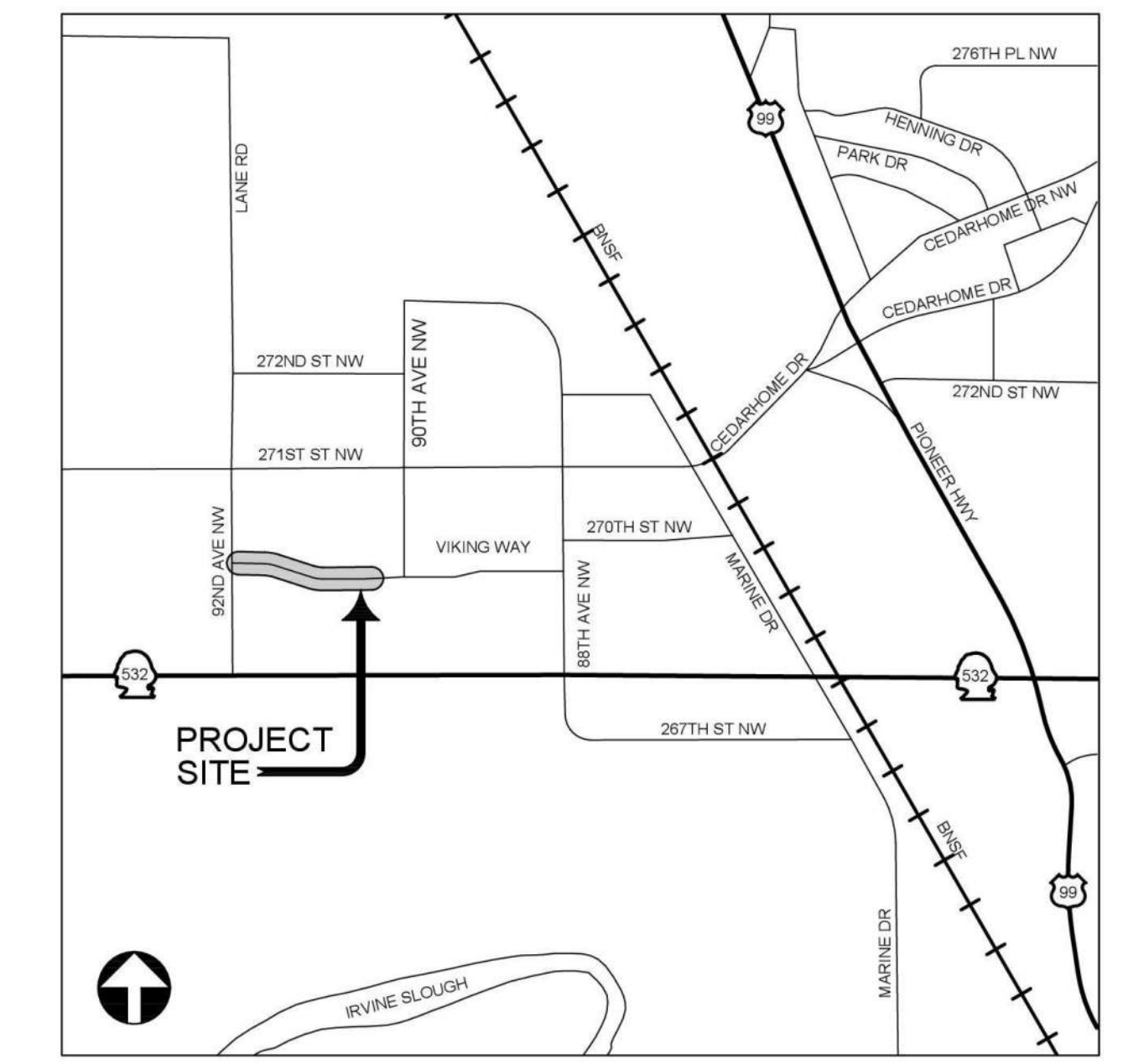
- TAX PROPERTY OWNERSHIP NUMBER
- PROPERTY LINE
- CONSTRUCTION CENTERLINE
- EXISTING RIGHT OF WAY
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- EXISTING BUILDING FACE
- EXISTING FENCE
- EXISTING PAVEMENT, CURB, SIDEWALK
- EXISTING WALL
- PROPOSED RETAINING WALL
- SAWCUT / PAVING LIMITS
- EXISTING ECOLOGY BLOCK WALL
- RIGHT OF WAY ACQUISITION AREA
- SLOPE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT AREA
- PARCEL NUMBER

GENERAL NOTE:

1. SEE DRAWING NO. RW3 FOR ENTIRE PARCELS NOT SHOWN.
2. SEE DRAWING NO. AL1 FOR SURVEY CONTROL AND CONSTRUCTION CENTERLINE INFORMATION.



POINT NO.	STATION	OFFSET
A	104+68.64	33.50' RT
B	104+69.30	38.50' RT
C	104+58.09	36.34' RT
D	104+61.52	40.59' RT
E	17+09.22	38.00' LT
F	17+10.41	43.00' LT
G	17+42.67	43.00' LT
H	17+42.67	64.50' LT
I	17+87.67	64.50' LT
J	17+87.67	45.00' LT
K	17+82.68	38.00' LT
L	17+82.68	35.00' LT
M	18+60.61	45.00' LT
N	18+60.61	43.69' LT
O	19+28.50	34.49' LT
P	19+43.73	32.71' LT
Q	19+30.02	45.14' RT
R	19+24.05	30.96' RT
S	18+93.63	24.88' RT



PARCEL NO.	TAX PARCEL NO.	NAME	TOTAL AREA	RIGHT OF WAY ACQUISITION	REMAINDER	SLOPE EASEMENT	TEMP. CONSTRUCTION EASEMENT
1	32041900306000	PUBLIC UTILITY DIST 1 SNO CO	72982	18094	54888	495	2487
2	32041900304100	STILLAGUAMISH PROPERTIES LLC	84953	124	84829	0	4453
3	32041900303800	PHTRE LP	43511	0	43511	0	786
4	32041900311100	PORT SUSAN MARKETPLACE LLC	105116	0	105116	462	2898

TOTAL AREA IS FROM ASSESSOR'S RECORDS UNLESS OTHERWISE NOTED. OWNERSHIP. ALL AREAS ARE SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED.

No.	Date	Revision	By	Appr.

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PREPARED FOR APPROVAL: 3/30/2023

Drawn By	Date
N. EATON	04/09/2024
Designed By	
J. LEE	04/09/2024
Checked By	
R. CRAVEN	04/09/2024
Approved By	
D. HANSEN	04/09/2024

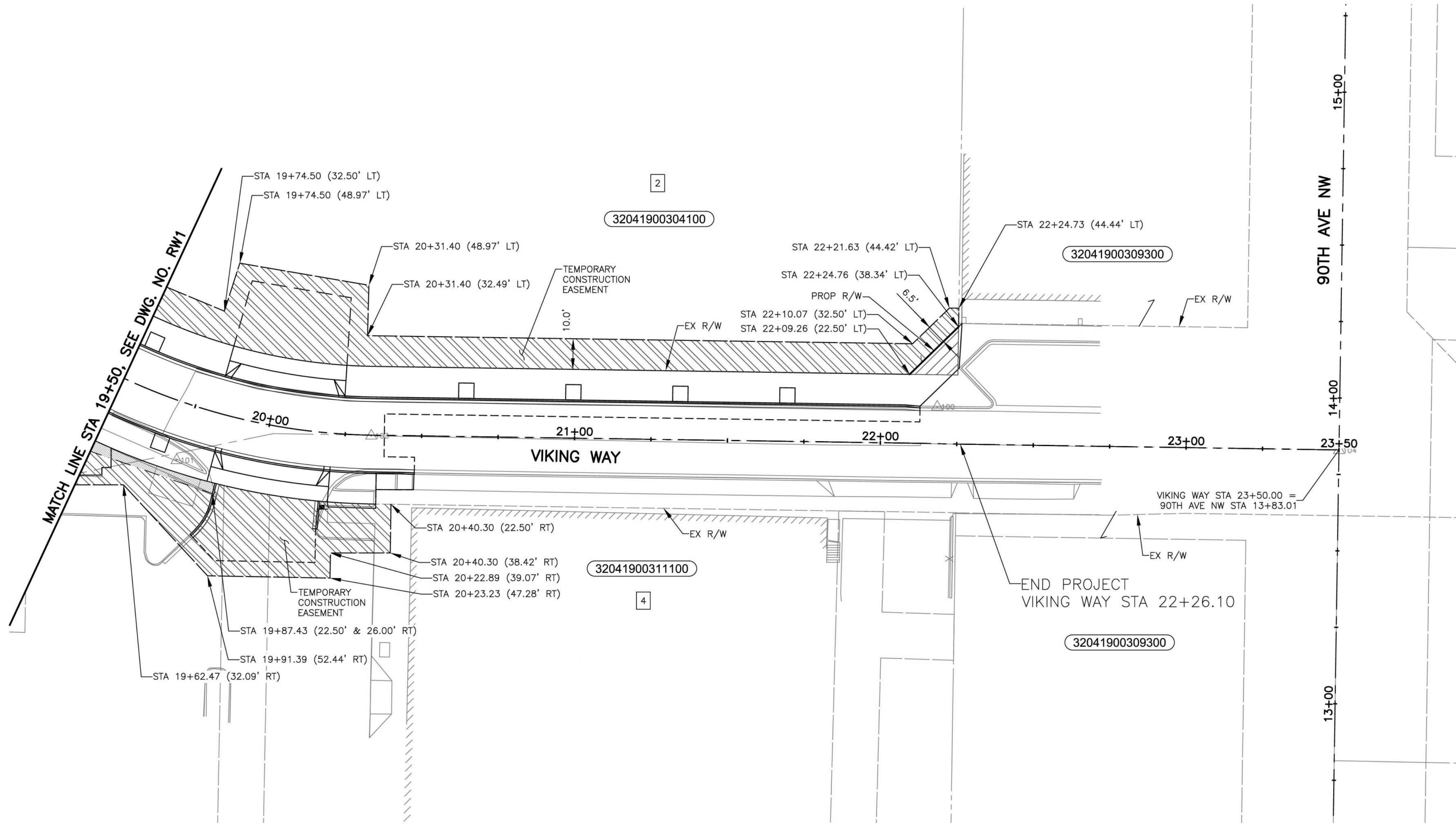
Project Number: 20200032.0000

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
**RIGHT-OF-WAY PLAN**

Drawing No.	<b>RW1</b>
Sheet No.	4
of Total	41

Apr 10, 2024 - 1:49pm C:\Users\russell.craven\AppData\Local\Temp\AcPublish\_20280\20200032\_RW1-2.dwg Layout Name: RW1 russell.craven





**LEGEND:**

- TAX PROPERTY OWNERSHIP NUMBER
- PROPERTY LINE
- CONSTRUCTION CENTERLINE
- EXISTING RIGHT OF WAY
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- EXISTING BUILDING FACE
- EXISTING FENCE
- EXISTING PAVEMENT, CURB, SIDEWALK
- EXISTING WALL
- PROPOSED RETAINING WALL
- SAWCUT / PAVING LIMITS
- EXISTING ECOLOGY BLOCK WALL
- RIGHT OF WAY ACQUISITION AREA
- SLOPE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT AREA
- PARCEL NUMBER

- GENERAL NOTE:**
- SEE DRAWING NO. RW3 FOR ENTIRE PARCELS NOT SHOWN.
  - SEE DRAWING NO. AL1 FOR SURVEY CONTROL AND CONSTRUCTION CENTERLINE INFORMATION.

C:\Users\russell.craven\AppData\Local\Temp\AcPublish\_20230409\20200032\_RW1-2.dwg Layout Name: RW2 russell.craven Apr 10, 2024 - 1:49pm

PARCEL NO.	TAX PARCEL NO.	NAME	TOTAL AREA	RIGHT OF WAY ACQUISITION	REMAINDER	SLOPE EASEMENT	TEMP. CONSTRUCTION EASEMENT
2	32041900304100	STILLAGUAMISH PROPERTIES LLC		SEE DRAWING NO. RW1 FOR AREAS			
4	32041900311100	PORT SUSAN MARKETPLACE LLC		SEE DRAWING NO. RW1 FOR AREAS			

TOTAL AREA IS FROM ASSESSOR'S RECORDS UNLESS OTHERWISE NOTED

**OWNERSHIP**

ALL AREAS ARE SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED

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RUSSELL DANIEL CRAVEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54877  
04/10/2024

PREPARED FOR APPROVAL: 3/30/2023

Drawn By	Date
N. EATON	04/09/2024
Designed By	
J. LEE	04/09/2024
Checked By	
R. CRAVEN	04/09/2024
Approved By	
D. HANSEN	04/09/2024

Project Number: 20200032.0000

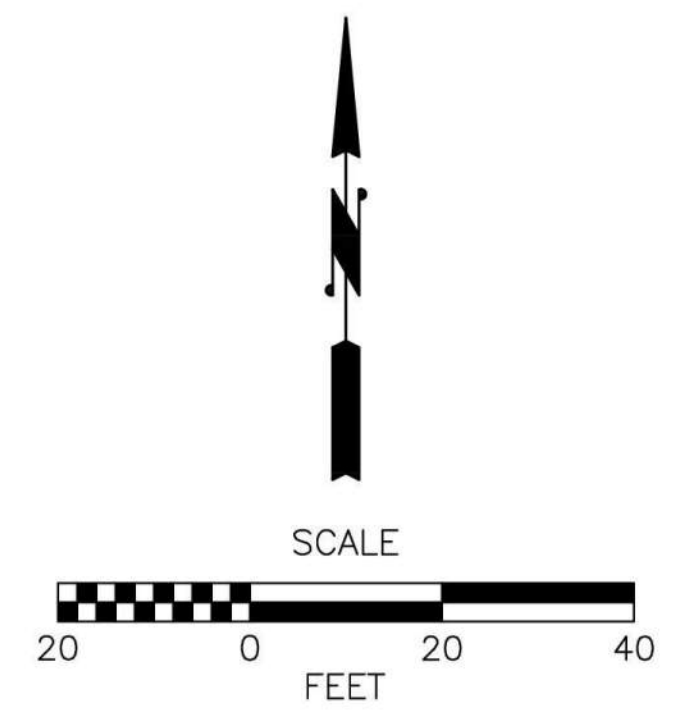
CITY OF STANWOOD  
VIKING WAY PHASE 2

**RIGHT-OF-WAY PLAN**

Drawing No.  
**RW2**

Sheet No.  
5

41 of Total





271ST ST NW

92ND AVE NW

90TH AVE NW

32041900306000  
PUBLIC UTILITY DIST 1 SNO CO

32041900304100  
STILLAGUAMISH PROPERTIES LLC

32041900309300  
INTERNATIONAL CHURCH  
OF THE FOURSQUARE G

32041900303800  
PHTRE LP

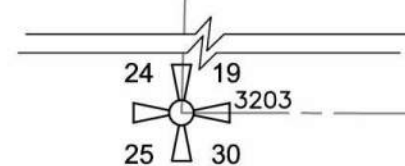
32041900311100  
PORT SUSAN MARKETPLACE LLC

32041900309300  
INTERNATIONAL CHURCH  
OF THE FOURSQUARE G

VIKING WAY

46' TEMPORARY ACCESS  
EASEMENT GRANTED TO  
CITY OF STANWOOD PER  
AFN 201606300238

EASEMENT FOR WATER  
LINES AND APPURTENANCES  
GRANTED TO CITY OF  
STANWOOD PER AFN  
201606300239



SR 532 (268TH ST NW)

LEGEND:

- PROPERTY OWNERSHIP NUMBER
- PROPERTY LINE
- EXISTING RIGHT OF WAY
- EXISTING EASEMENT
- NEW RIGHT OF WAY
- PROPOSED ROADWAY

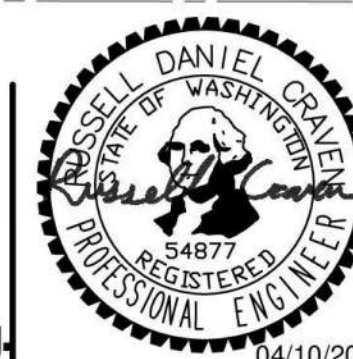
Apr 10, 2024 1:54pm russell.croven X:\Stanwood, City of\Projects\20200032 - Viking Way Ph 2\CADD\02 - Plan Sheets\20200032 RW3.dwg Layout Name: RW3

No.	Date	Revision	By	Appr.

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Designed By	
J. LEE	04/09/2024
Checked By	
R. CRAVEN	04/09/2024
Approved By	
D. HANSEN	04/09/2024

Project Number: 20200032.0000

CITY OF STANWOOD  
VIKING WAY PHASE 2  
**TOTAL PARCEL PLAN**



Drawing No.	<b>RW3</b>
Sheet No.	6
of Total	41

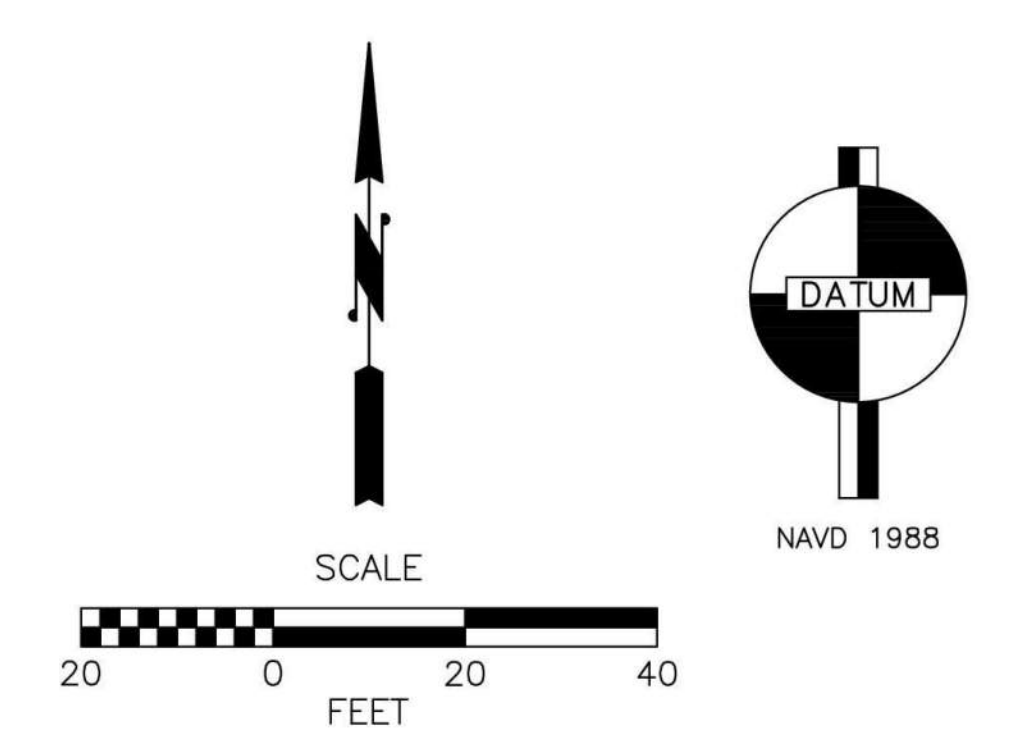
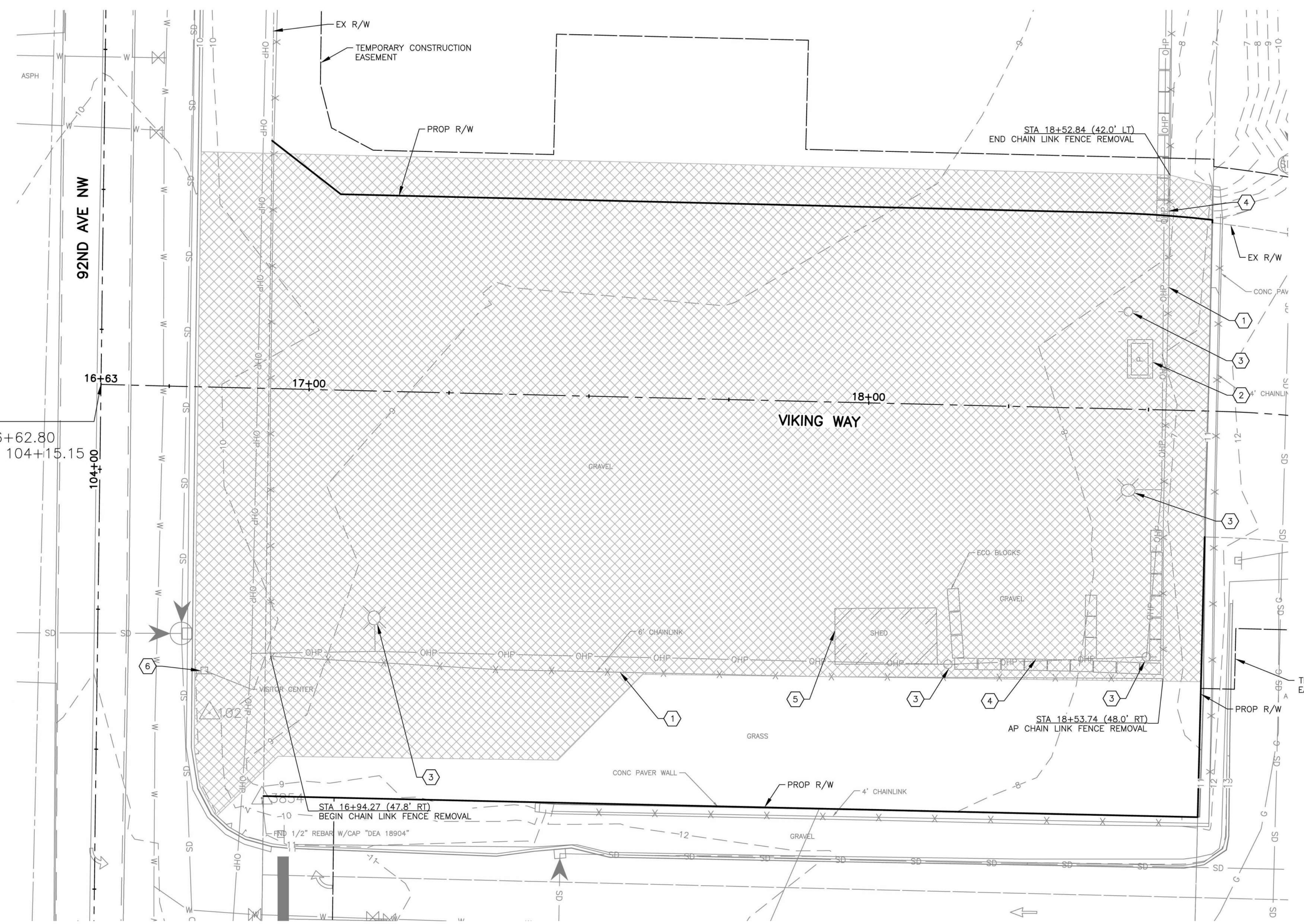


**CONSTRUCTION NOTES:**

- 1 REMOVE EXISTING CHAIN LINK FENCE.
- 2 REMOVE EXISTING EMPTY UNDERGROUND VAULT.
- 3 PUD TO REMOVE EXISTING UTILITY POLE PRIOR TO CONSTRUCTION.
- 4 PUD TO REMOVE EXISTING ECOLOGY BLOCKS PRIOR TO CONSTRUCTION.
- 5 PUD TO REMOVE EXISTING SHED PRIOR TO CONSTRUCTION.
- 6 REMOVE AND SALVAGE SIGN DURING STAGE 1. RESET SIGN AT EXISTING LOCATION FOLLOWING STAGE 1 GRADING WORK.

**LEGEND:**

-  PROPOSED RIGHT-OF-WAY
-  CLEARING AND GRUBBING

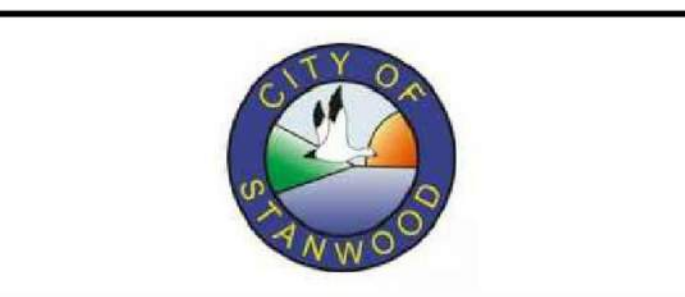


BEGIN PROJECT  
VIKING WAY STA 16+62.80  
92ND AVE NW STA 104+15.15

Apr 09, 2024 - 2:32pm russell.croven X:\Stanwood, City of\Projects\20200032 - Viking Way Ph 2\CADD\02 - Plan Sheets\20200032 GR1.dwg Layout Name: GR1

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Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 1  
GRADING SITE PREPARATION PLAN

Drawing No. <b>GR1</b>
Sheet No. 7
41 of Total



**GENERAL NOTES:**

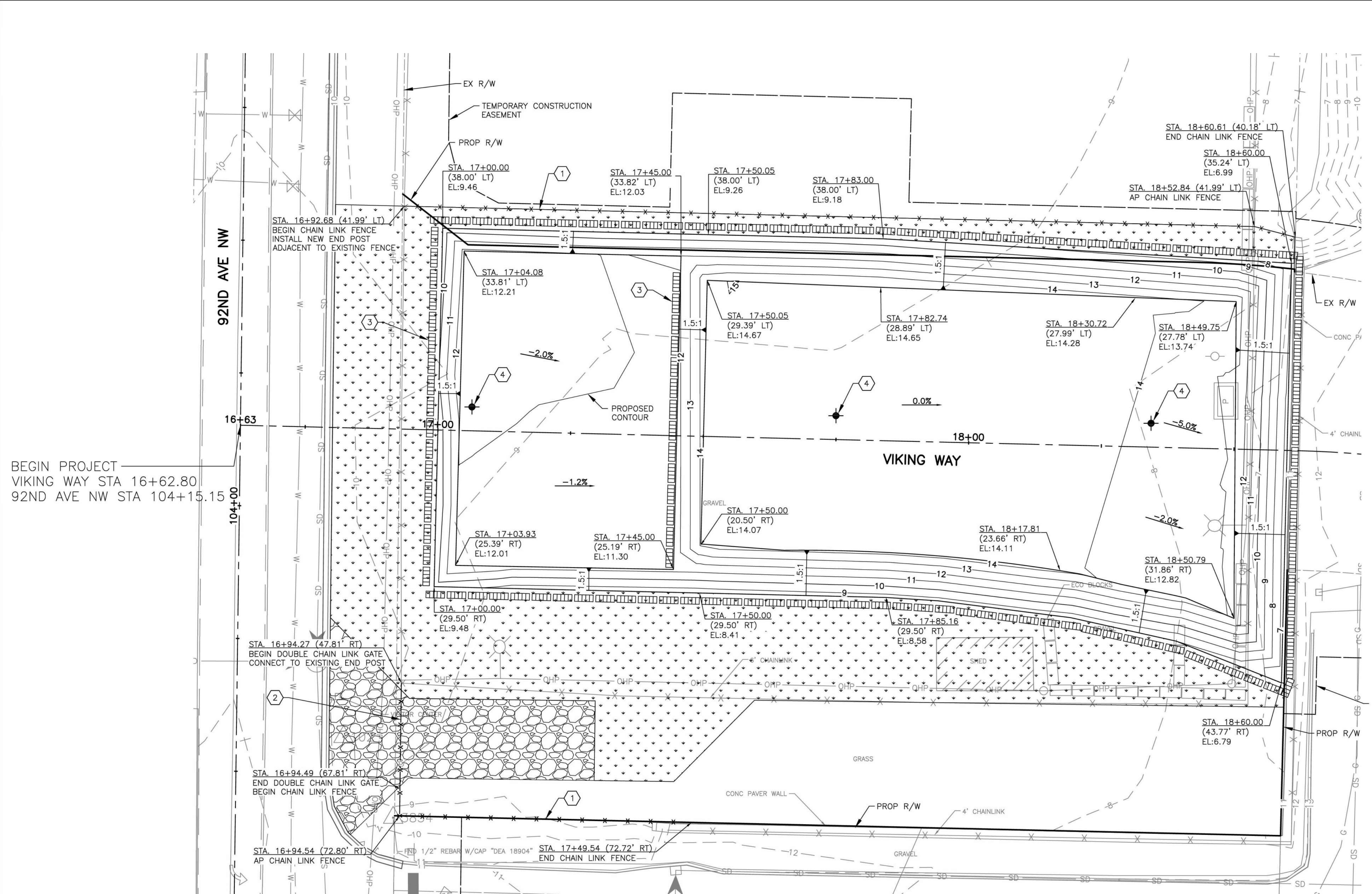
- SEE DWG. NO. GR2 FOR GRADING DETAILS AND NOTES.

**CONSTRUCTION NOTES:**

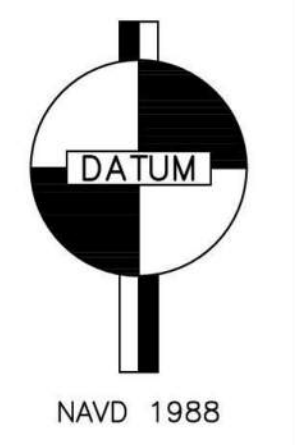
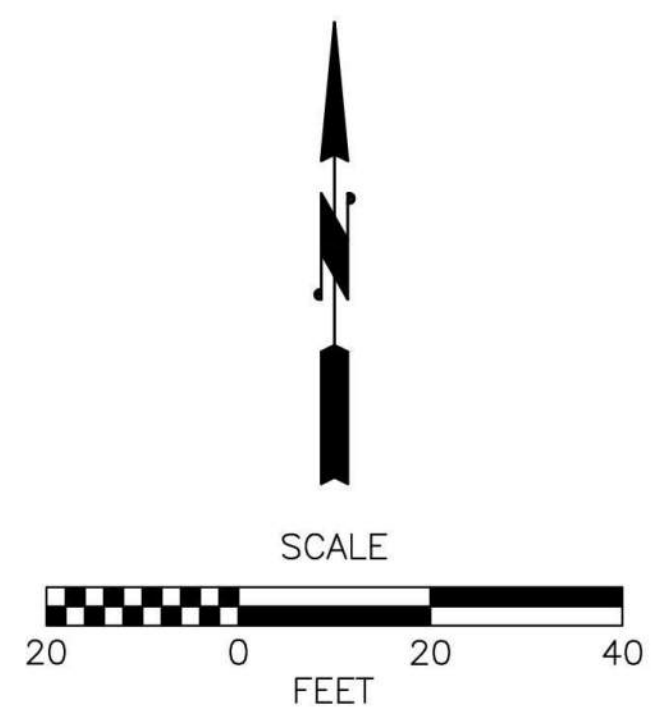
- INSTALL CHAIN LINK FENCE TYPE 3 PER WSDOT STD. PLAN L-20.10.
- INSTALL DOUBLE 20 FT. CHAIN LINK GATE PER WSDOT STD. PLAN L-30.10.
- INSTALL WATTLE PER WSDOT STD. PLAN I-30.30 1.5' FROM THE BASE OF GRADING SLOPES, OR AS DIRECTED BY THE ENGINEER.
- INSTALL SETTLEMENT PLATE PER DETAIL ON DWG. NO. GR2.

**LEGEND**

- WATTLE
- STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STD. PLAN I-80.10.
- TEMPORARY SEEDING
- SETTLEMENT PLATE LOCATION



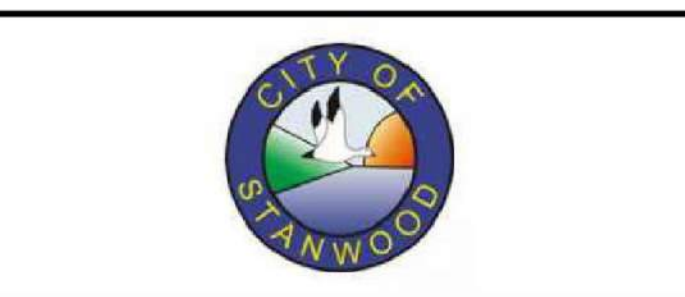
BEGIN PROJECT  
VIKING WAY STA 16+62.80  
92ND AVE NW STA 104+15.15



Apr 09, 2024 - 11:29am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 GR1.dwg Layout Name: GR2

No.	Date	Revision	By	Appr.

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Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024
Project Number 20200032.0000	04/10/2024

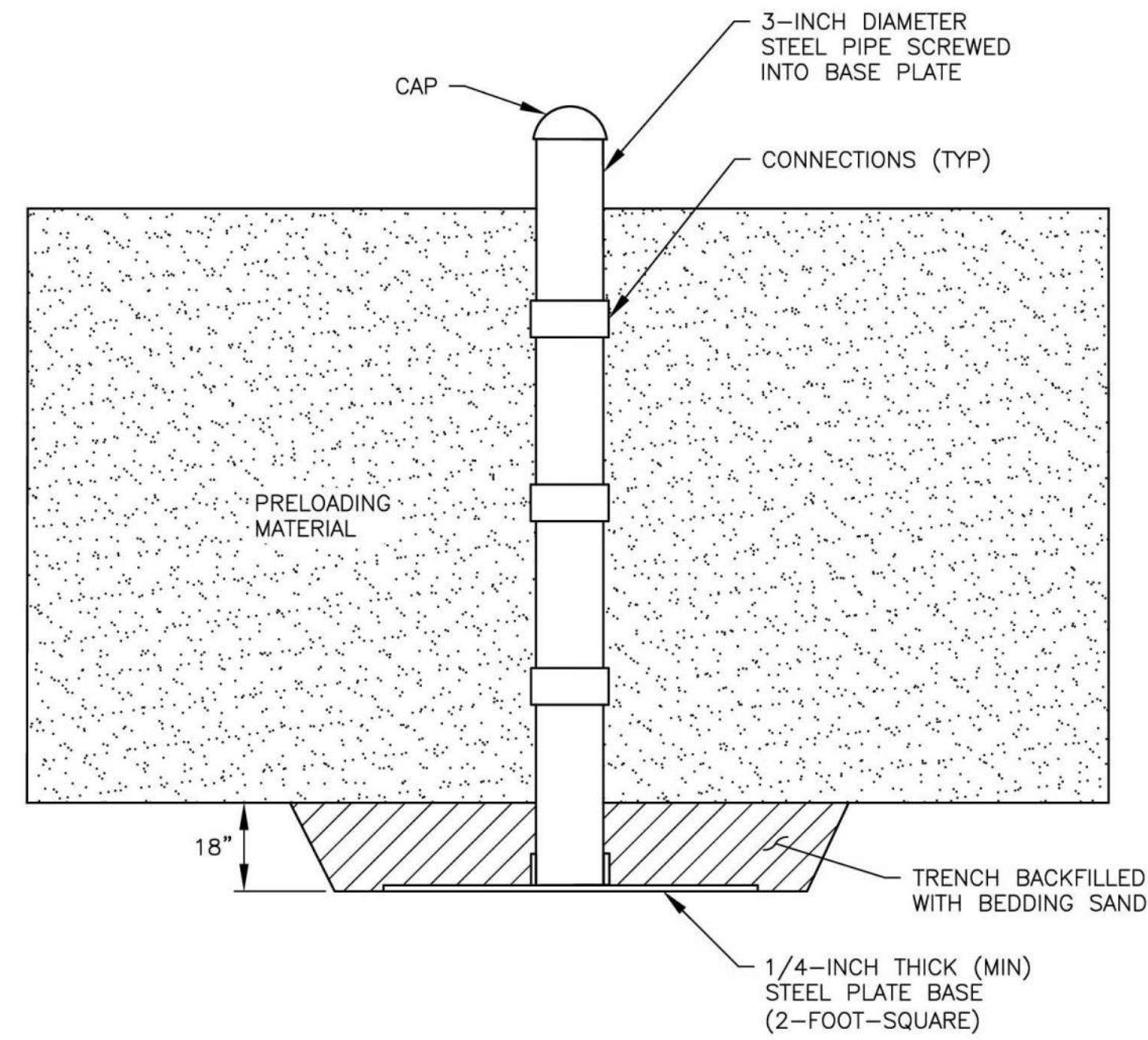
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 1  
GRADING AND TESC PLAN

Drawing No. <b>GR2</b>
Sheet No. 8
41 of Total



**GENERAL GRADING NOTES:**

1. CONTRACTOR TO PLACE CRUSHED SURFACING BASE COURSE FOR PRELOADING AT THE LINES AND GRADES SHOWN OR AS DIRECTED BY THE ENGINEER. FILL SHALL BE COMPACTED TO MINIMUM 92% MODIFIED PROCTOR. SEE SPECIAL PROVISION SECTION 2-03.3(20).
2. SEE SPECIAL PROVISION SECTIONS 1-05.4 AND 2-03.3(20) FOR MONITORING AND INSPECTION REQUIREMENTS.



**NOTES:**

1. LOCATIONS OF SETTLEMENT PLATES SHALL BE CLEARLY MARKED AND READILY VISIBLE (RED FLAGGED) TO EQUIPMENT OPERATORS.
2. IN THE EVENT OF DAMAGE TO SETTLEMENT PLATE OR EXTENSION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE SOILS ENGINEER AND SHALL BE RESPONSIBLE FOR RESTORING THE SETTLEMENT PLATES TO WORKING ORDER.
3. INSTALL PLATES ON FIRM GROUND OR ON SAND PADS IF NEEDED FOR STABILITY. TAKE INITIAL READING ON TOP OF BASE PLATE. LEVEL PRIOR TO PLACEMENT OF FILL.
4. FOR EASE IN HANDLING, STEEL PIPE ARE USUALLY INSTALLED IN 5-FOOT OR 7-FOOT SECTIONS. AS FILL PROGRESSES, COUPLINGS ARE USED TO INSTALL ADDITIONAL LENGTHS, IF NEEDED.
5. RECORD THE BASE PLATE ELEVATION AT THE RECOMMENDED TIME INTERVALS. EACH TIME, NOTE THE ELEVATION OF THE ADJACENT FILL SURFACE. BASE PLATE ELEVATIONS SHALL BE RECORDED BY LOWERING A SURVEY ROD OR STEEL SURVEY TAPE DOWN THE CENTER OF THE PIPE RAISERS. THE CONTRACTOR SHALL ENSURE THAT THE SETTLEMENT PLATE CAP IS REPLACED AFTER MEASUREMENTS ARE TAKEN.
6. READ THE MEASUREMENT ROD TO THE NEAREST 0.01 FOOT. NOTE THE ADJACENT FILL ELEVATION TO THE NEAREST 0.1 FOOT.
7. THE ELEVATIONS SHOULD BE REFERENCED TO A TEMPORARY BENCHMARK LOCATED ON STABLE GROUND AT LEAST 200 FEET FROM THE EMBANKMENT.

**SETTLEMENT PLATE DETAIL**

N.T.S.  
SEE SPECIAL PROVISION SECTION 2-03.3(20)

Apr 09, 2024 - 11:29am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 GR1.dwg Layout Name: GR3

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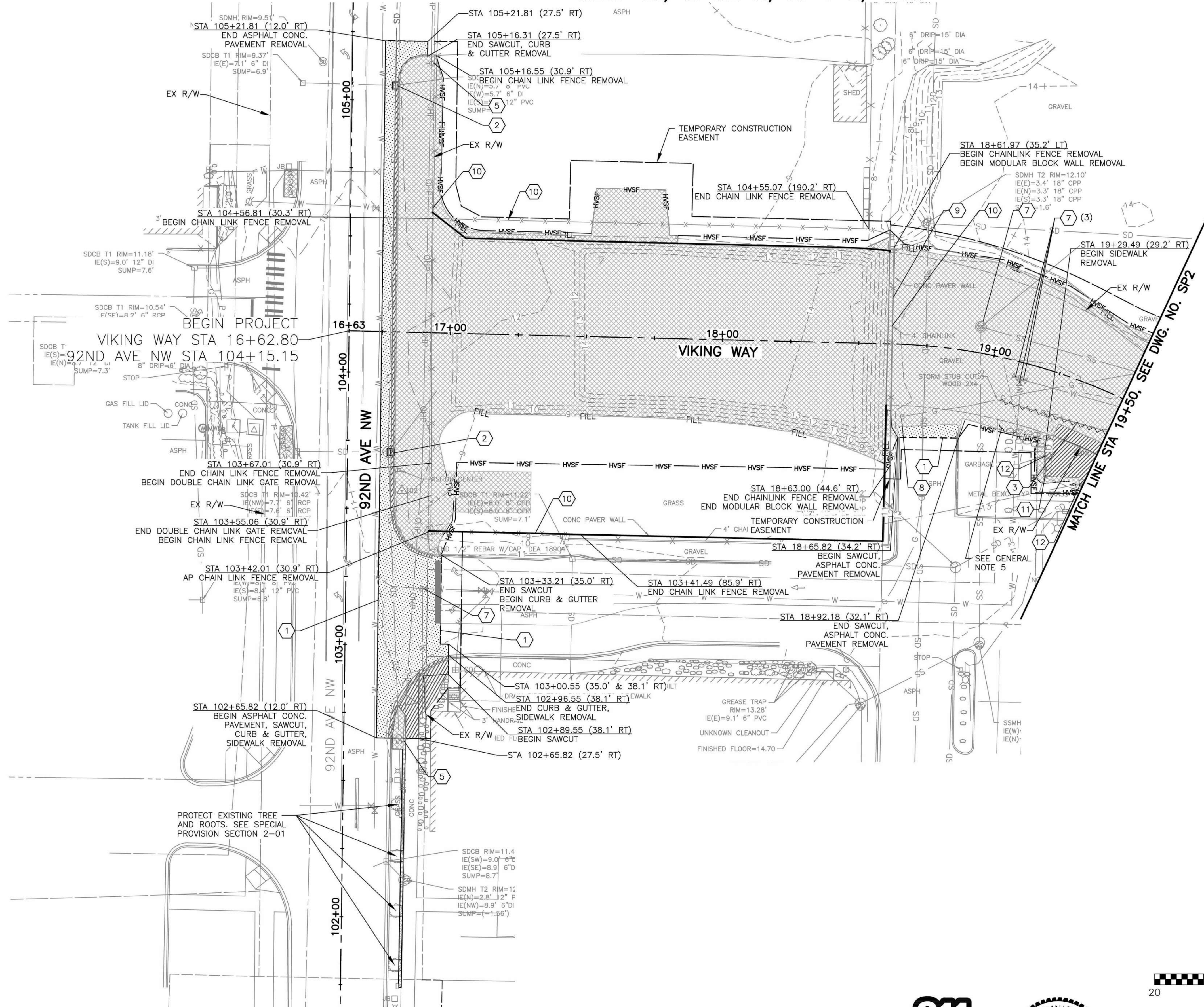


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 1  
GRADING DETAILS AND NOTES

Drawing No. <b>GR3</b>
Sheet No. 9
41 of Total





**CONSTRUCTION NOTES:**

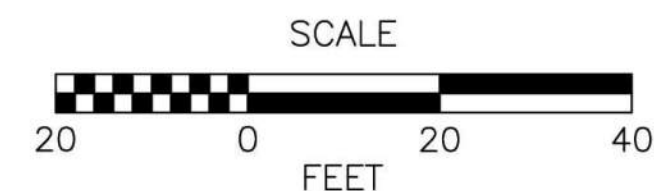
- 1 SAWCUTTING EXISTING PAVEMENT.
- 2 INSTALL STORM DRAIN INLET PROTECTION, PER WSDOT STD. PLAN I-40.20.
- 3 PLUG AND ABANDON EXISTING PIPE. REMOVE AS NECESSARY TO AVOID CONFLICTS WITH PROPOSED UTILITIES. SEE SPECIAL PROVISION SECTION 2-09.5.
- 4 PROTECT AND MAINTAIN EXISTING HYDRANT.
- 5 PROTECT AND MAINTAIN EXISTING UTILITY POLE AND LUMINAIRE.
- 6 EXISTING NATURAL GAS LINE TO BE RELOCATED BY CASCADE NATURAL GAS PRIOR TO CONSTRUCTION. FUTURE EXISTING GAS LINE LOCATION TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 7 PROTECT EXISTING UTILITY STRUCTURE.
- 8 PROTECT AND MAINTAIN EXISTING UTILITY STUB.
- 9 REMOVE EXISTING MODULAR BLOCK WALL.
- 10 REMOVE EXISTING CHAIN LINK FENCE AND GATE, IF PRESENT.
- 11 REMOVE AND REINSTALL EXISTING BENCH, SEE DWG. NO. RD2 FOR NEW LOCATION.
- 12 REMOVE AND REINSTALL EXISTING TRASH RECEPTACLE. SEE DWG. NO RD2 FOR NEW LOCATION

**GENERAL NOTES:**

1. STORM DRAIN INLET PROTECTION SHALL BE INSTALLED IN ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION AND IN ALL EXISTING CATCH BASINS 300' DOWNSTREAM BEFORE COMMENCING WORK PER THESE PLANS. SEE SECTION 8-01.3(15).
2. FOR SIGN REMOVALS AND RELOCATIONS, SEE CHANNELIZATION & SIGNING PLAN.
3. THE CONTRACTOR SHALL KEEP A MINIMUM 5 FOOT WIDE ACCESSIBLE PEDESTRIAN PATHWAY AT ALL TIMES AND PROTECT AND MAINTAIN PEDESTRIAN ACCESS TO BUILDING DOORWAYS DURING BUSINESS HOURS. SEE DWG. NO. TC1-TC5.
4. SEE ILLUMINATION PLANS FOR ILLUMINATION REMOVALS, MODIFICATIONS, AND PROTECTION OF EXISTING FACILITIES.
5. REMOVE IRRIGATION HEADS, VALVES, AND ALL OTHER RELATED IRRIGATION EQUIPMENT AS NECESSARY FOR CONSTRUCTION WORK. ALL SALVAGED EQUIPMENT SHALL BE STORED AND REUSED TO RE-ESTABLISHED IRRIGATION SYSTEM DISTURBED DURING CONSTRUCTION. SEE SPECIAL PROVISIONS.

**LEGEND:**

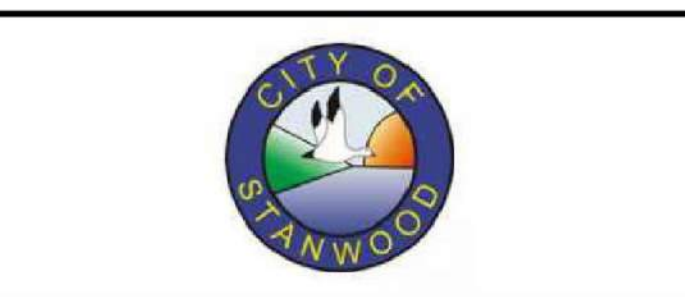
- INLET PROTECTION
- SAWCUTTING EXISTING PAVEMENT
- REMOVE/ABANDON EXISTING PIPE
- HIGH VISIBILITY SILT FENCE, PER WSDOT STD. PLAN I-30.17.
- PROPOSED RIGHT-OF-WAY
- CLEARING AND GRUBBING
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK AND CEMENT CONC. CURB AND GUTTER



Apr 09, 2024 - 11:47am Kevin.Cronenwett C:\Users\KEVIN~1\CRO\AppData\Local\Temp\AppData\Local\Temp\89000\20200032\_SF.dwg Layout Name: SP1

No.	Date	Revision	By	Appr.

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Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

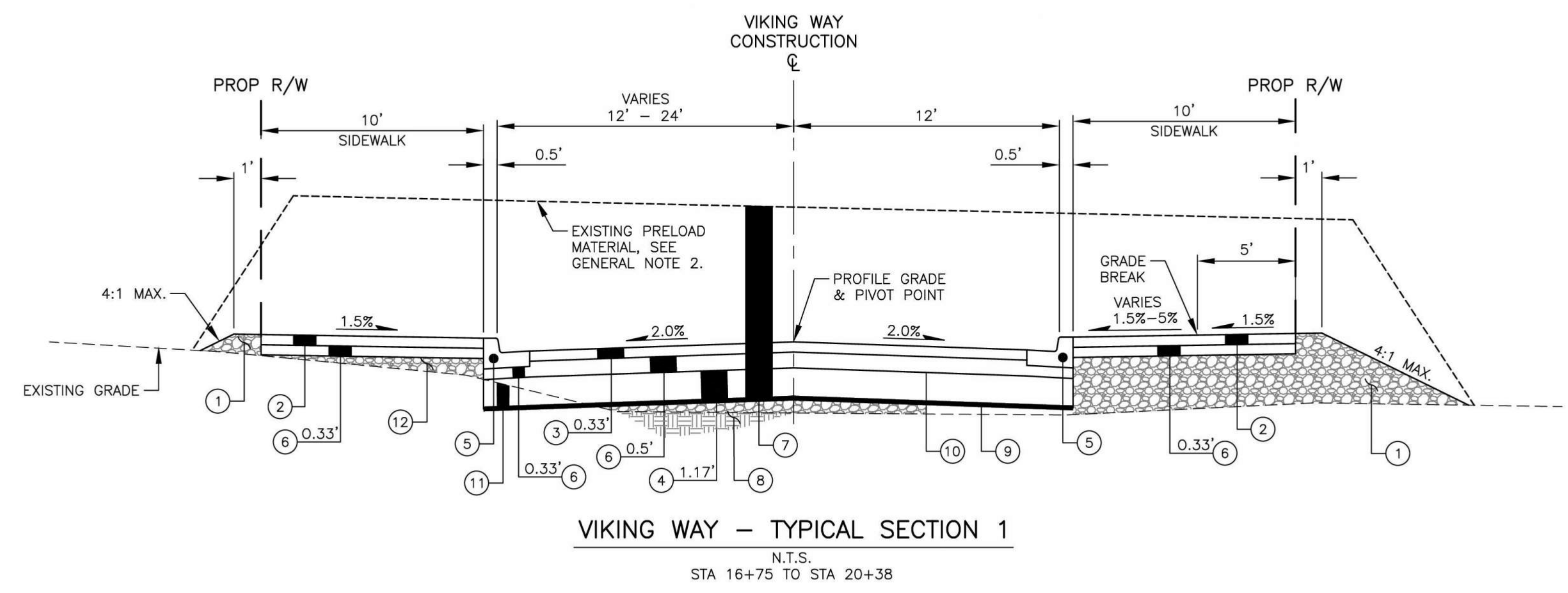
CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 SITE PREPARATION & TESC PLAN

Drawing No. <b>SP1</b>
Sheet No. 10
41 of Total

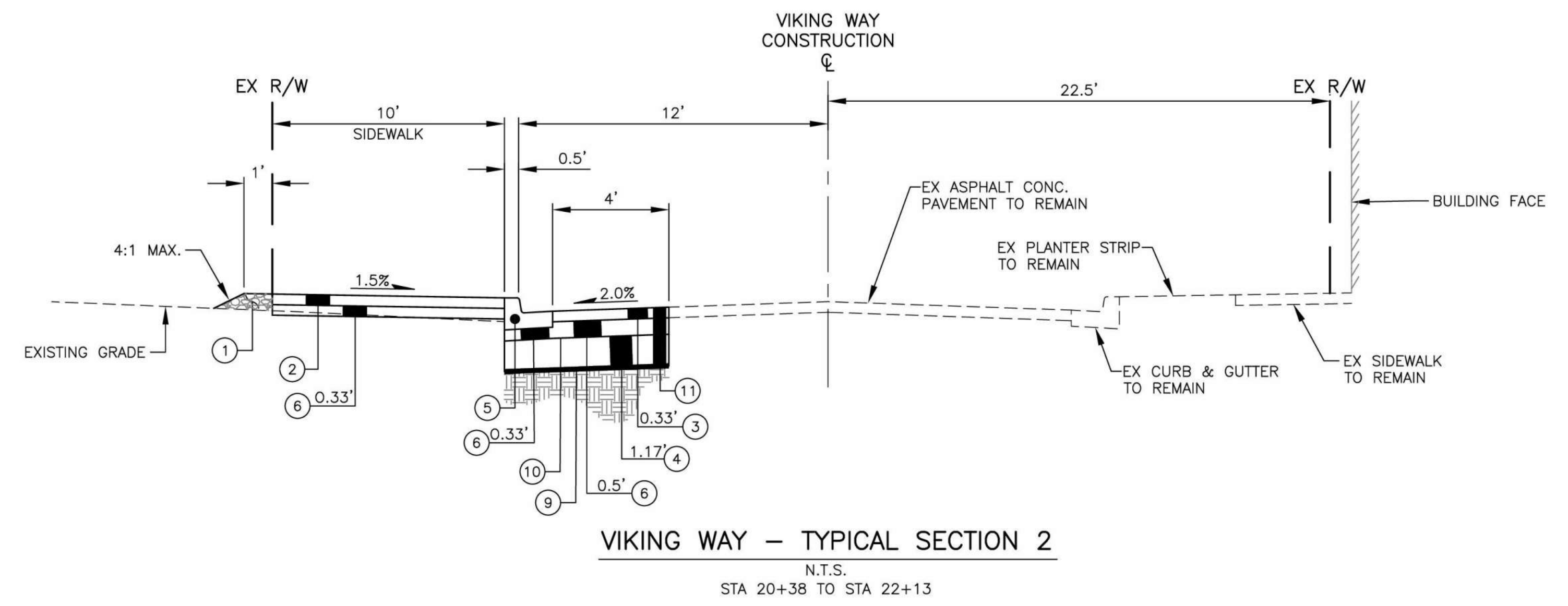




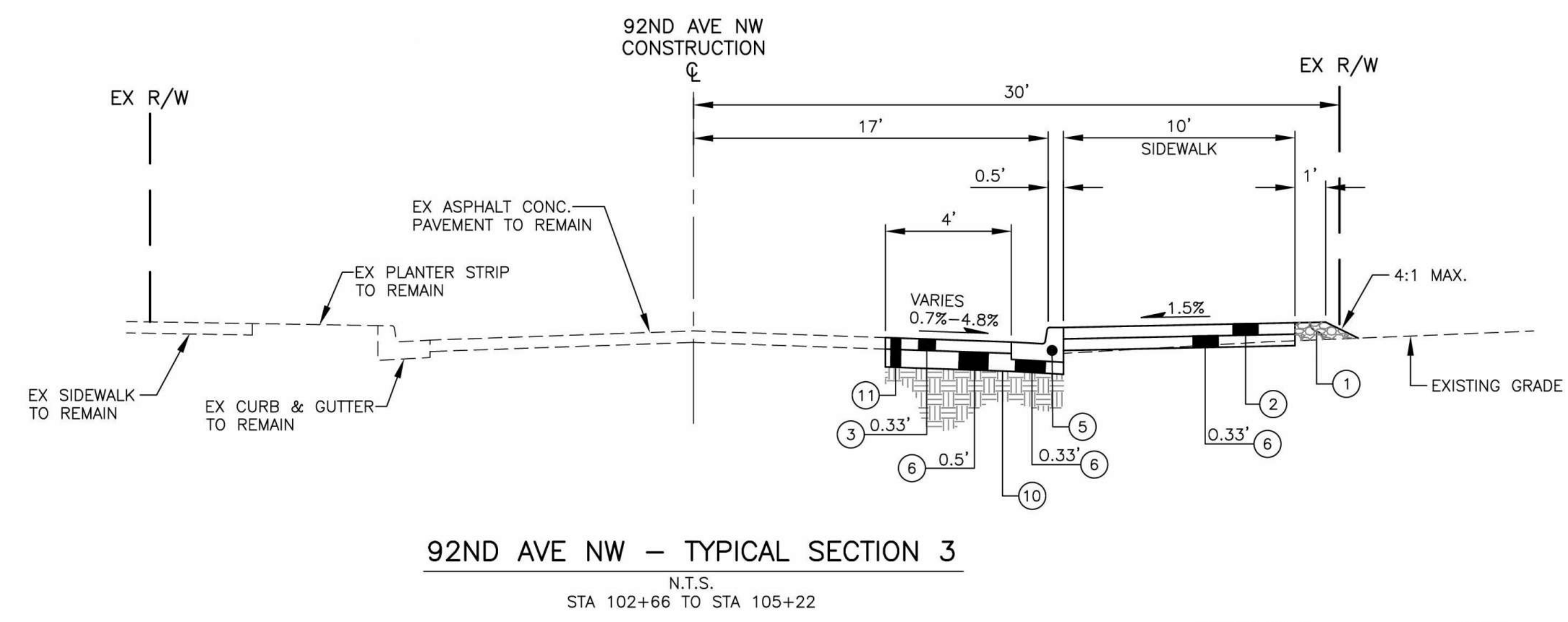




**VIKING WAY - TYPICAL SECTION 1**  
N.T.S.  
STA 16+75 TO STA 20+38



**VIKING WAY - TYPICAL SECTION 2**  
N.T.S.  
STA 20+38 TO STA 22+13



**92ND AVE NW - TYPICAL SECTION 3**  
N.T.S.  
STA 102+66 TO STA 105+22

**CONSTRUCTION NOTES:**

- ① EMBANKMENT COMPACTION. SEE SPECIAL PROVISION SECTION 2-03.
- ② CEMENT CONC. SIDEWALK, PER WSDOT STD. PLAN F-30.10.
- ③ HMA CL. 1/2" PG 58H-22.
- ④ PERMEABLE BALLAST PER STANDARD SPECIFICATION 9-03.9(2).
- ⑤ CEMENT CONC. TRAFFIC CURB AND GUTTER, PER WSDOT STD. PLAN F-10.12.
- ⑥ CRUSHED SURFACING BASE COURSE FROM STOCKPILE. SEE SPECIAL PROVISION SECTION 4-04.
- ⑦ ROADWAY EXCAVATION INCL. HAUL - PRELOAD MATERIAL. SEE SPECIAL PROVISION SECTION 2-03.
- ⑧ UNDISTURBED COMPACTED NATIVE SUBGRADE.
- ⑨ TRIAXIAL GEOGRID REINFORCEMENT FOR SUBGRADE OVER CONSTRUCTION GEOTEXTILE FOR SEPARATION.
- ⑩ CONSTRUCTION GEOTEXTILE FOR SEPARATION.
- ⑪ ROADWAY EXCAVATION INCL. HAUL. SEE SPECIAL PROVISION SECTION 2-03.

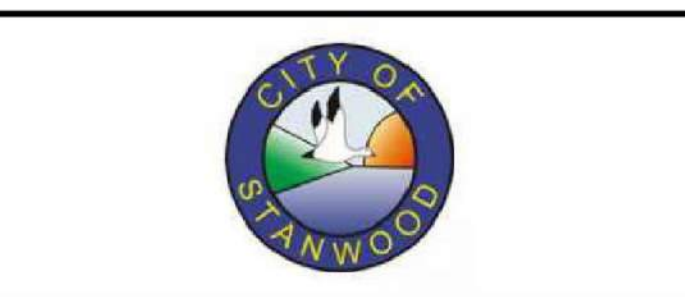
**GENERAL NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. PRELOAD MATERIAL PLACED IN STAGE 1 SHALL BE REMOVED AND STOCKPILED TO BE REUSED ON-SITE. SEE SPECIAL PROVISION 2-03.

Apr 09, 2024 - 11:30am X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 TS.dwg Layout Name: TS1 Kevin.Cronenwett

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Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

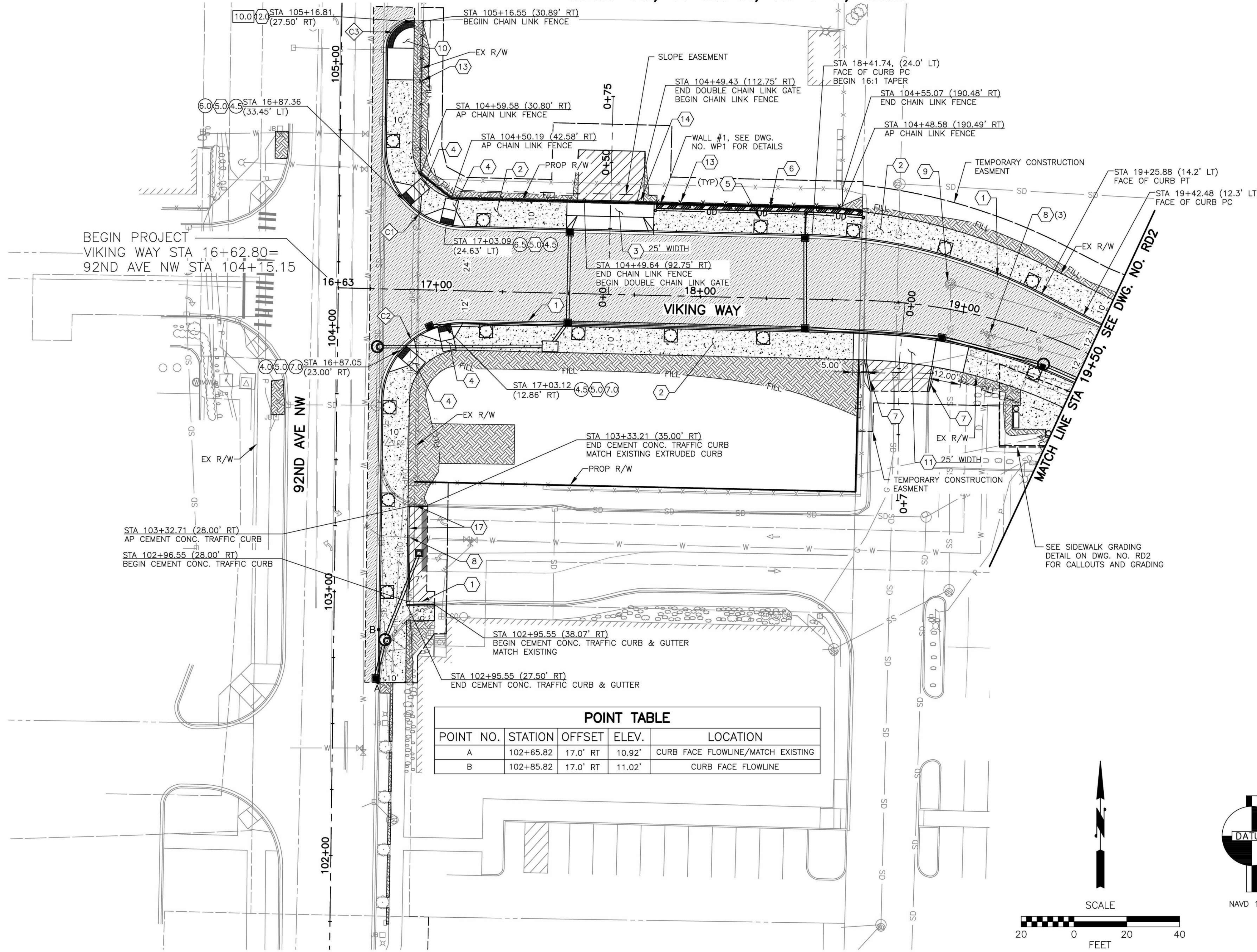
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
TYPICAL ROADWAY SECTIONS

Drawing No. <b>TS1</b>
Sheet No. 12 of 41



SEC. 19, T. 32 N, R. 4 E, W.M.

FEDERAL AID NO. STPUS-9308(001)



- CONSTRUCTION NOTES**
- CONSTRUCT CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD. PLAN F-10.12.
  - CONSTRUCT CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10.
  - CONSTRUCT CEMENT CONC. DRIVEWAY ENTRANCE TYPE DROP CURB PER COS STD. DETAIL T-18.
  - CONSTRUCT CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A PER WSDOT STD. PLAN F-40.15.
  - INSTALL TREE GRATE AND FRAME PER DETAIL ON DWG. NO. LS1.
  - INSTALL PEDESTRIAN HANDRAIL PER DETAIL ON DWG. NO. MD1.
  - CONSTRUCT TYPE 6 EXTRUDED CURB PER WSDOT STD. PLAN F-10.42.
  - ADJUST WATER VALVE BOX TO GRADE.
  - ADJUST MANHOLE.
  - CONSTRUCT CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION PER WSDOT STD. PLAN F-40.16.
  - CONSTRUCT CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1 PER WSDOT STD PLAN F-80.10.
  - ADJUST MONUMENT CASE AND COVER.
  - INSTALL CHAIN LINK FENCE TYPE 3 PER WSDOT STD PLAN L-20.10.
  - INSTALL DOUBLE 20 FT. CHAIN LINK GATE PER WSDOT STD PLAN L-30.10.
  - REINSTALL SALVAGED BENCH.
  - REINSTALL SALVAGED TRASH RECEPTACLE.
  - CONSTRUCT CEMENT CONC. TRAFFIC CURB PER WSDOT STD. PLAN F-10.12.

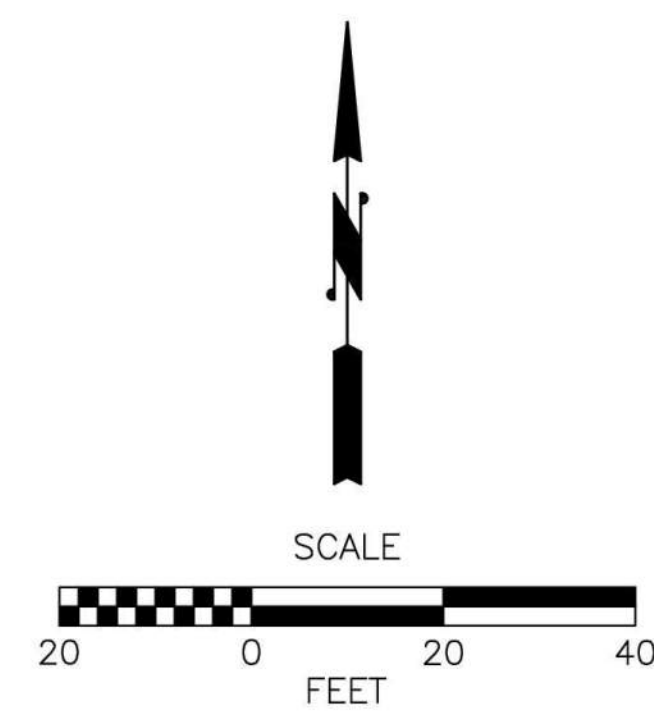
- GENERAL NOTES**
- SEE DWG. NO. DR1-DR2 FOR DRAINAGE STRUCTURE ADJUSTMENTS.
  - DRIVEWAY WIDTH DIMENSIONS ARE AT BACK OF SIDEWALK.

- LEGEND**
- 4" HMA CL.1/2" PG 58H-22 OVER 6" CSBC, OVER 14" PERMEABLE BALLAST
  - CEMENT CONC. SIDEWALK
  - SEEDING AND FERTILIZING BY HAND OVER 6" TOPSOIL TYPE A, SEE DWG. NO. LD1.
  - 2" HMA CL. 1/2" PG 58H-22, OVER 4" CSBC.
  - 4" CSBC
  - PAVING LIMITS
  - GAS LINE TO BE RELOCATED BY OTHERS
  - CURB RETURN DATA, SEE DWG. NO. MD1
  - STREET TREE, SEE DWG. NO. LS1

- TERMINOLOGY KEY**
- RAMP LENGTH (FEET)
  - FLARE LENGTH (FEET)
  - LANDING LENGTH (FEET)
  - STA/OFF ARE TO CENTER OF RAMP AT THE FACE OF CURB

**POINT TABLE**

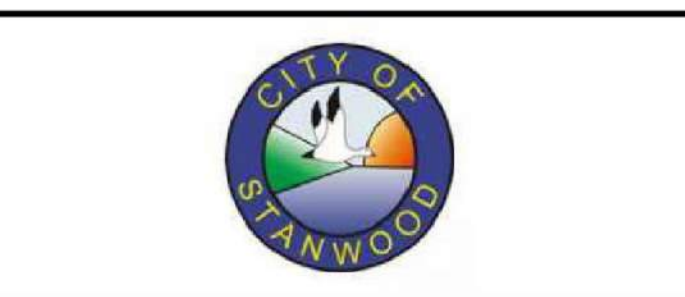
POINT NO.	STATION	OFFSET	ELEV.	LOCATION
A	102+65.82	17.0' RT	10.92'	CURB FACE FLOWLINE/MATCH EXISTING
B	102+85.82	17.0' RT	11.02'	CURB FACE FLOWLINE



Apr 09, 2024 - 11:30am Kevin Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 RD.dwg Layout Name: RD1

No.	Date	Revision	By	Appr.

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Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 ROADWAY PLAN

Drawing No. <b>RD1</b>
Sheet No. 13
41 of Total



CONSTRUCTION NOTES

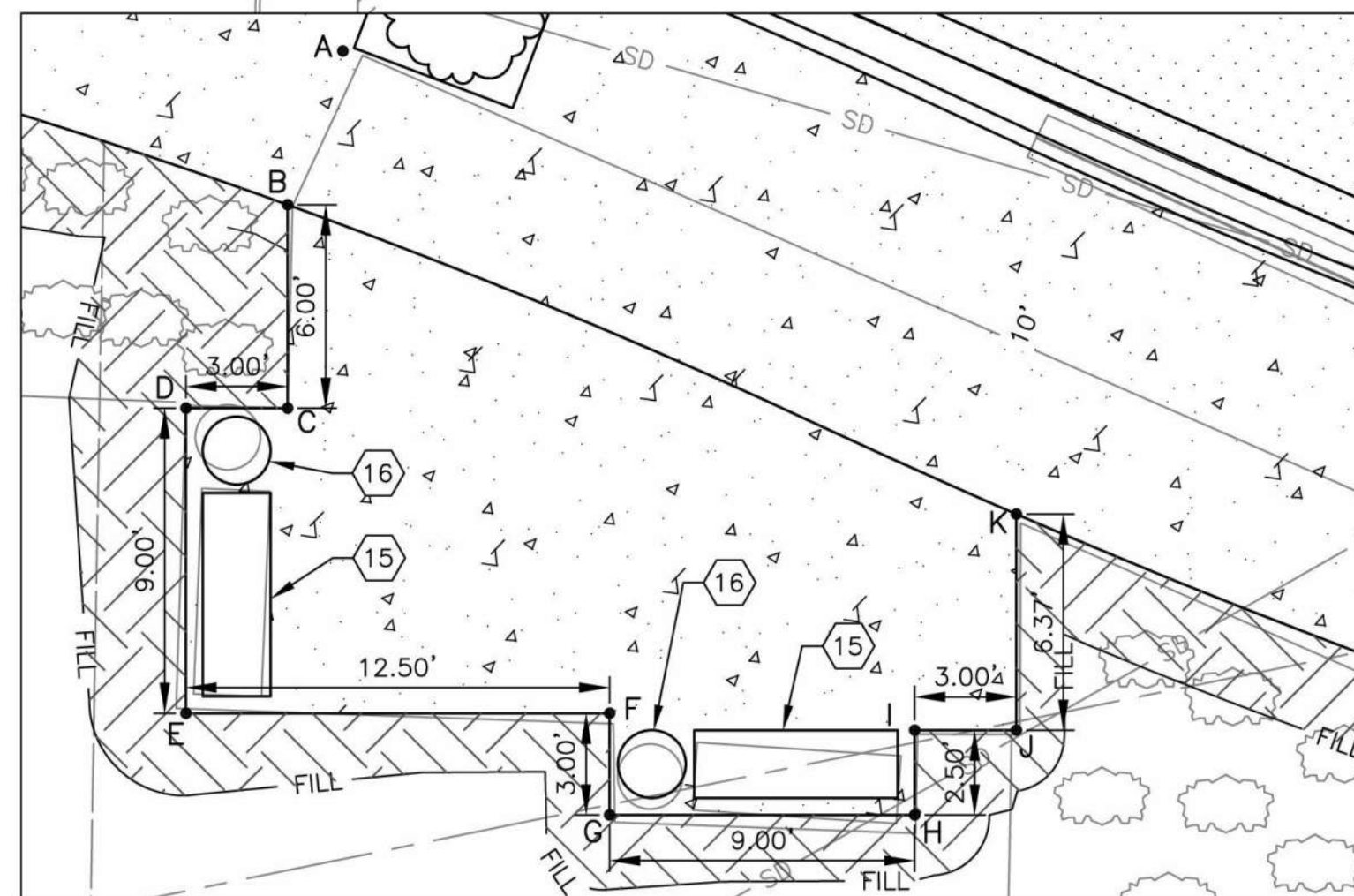
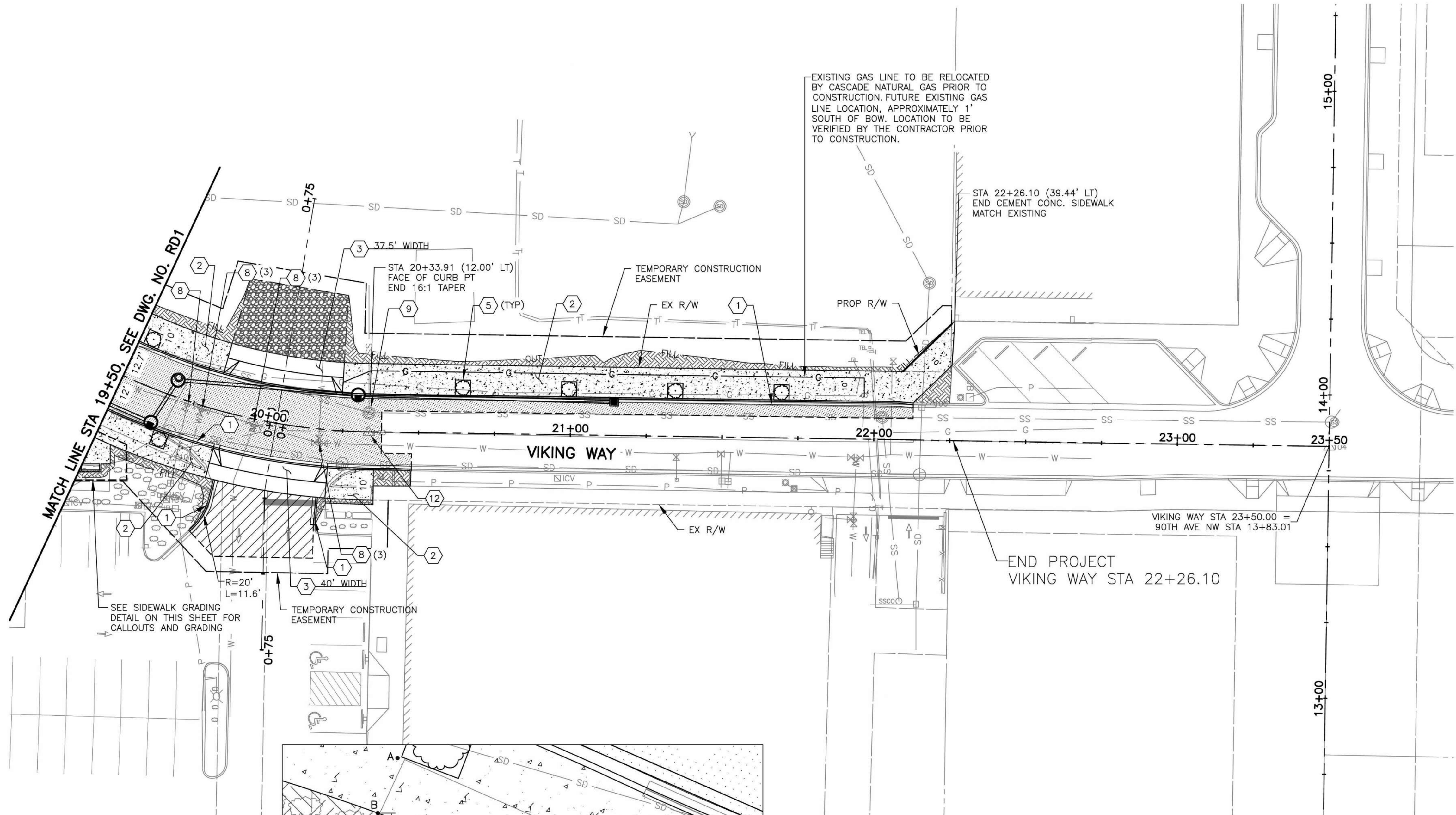
- 1 CONSTRUCT CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD. PLAN F-10.12.
- 2 CONSTRUCT CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10.
- 3 CONSTRUCT CEMENT CONC. DRIVEWAY ENTRANCE TYPE DROP CURB PER COS STD. DETAIL T-18.
- 4 CONSTRUCT CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A PER WSDOT STD. PLAN F-40.15.
- 5 INSTALL TREE GRATE AND FRAME PER DETAIL ON DWG. NO. LS1.
- 6 INSTALL PEDESTRIAN HANDRAIL PER DETAIL ON DWG. NO. MD1.
- 7 CONSTRUCT TYPE 6 EXTRUDED CURB PER WSDOT STD. PLAN F-10.42.
- 8 ADJUST WATER VALVE BOX TO GRADE.
- 9 ADJUST MANHOLE.
- 10 CONSTRUCT CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION PER WSDOT STD. PLAN F-40.16.
- 11 CONSTRUCT CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1 PER WSDOT STD PLAN F-80.10.
- 12 ADJUST MONUMENT CASE AND COVER.
- 13 INSTALL CHAIN LINK FENCE TYPE 3 PER WSDOT STD PLAN L-20.10.
- 14 INSTALL DOUBLE 20 FT. CHAIN LINK GATE PER WSDOT STD PLAN L-30.10.
- 15 REINSTALL SALVAGED BENCH.
- 16 REINSTALL SALVAGED TRASH RECEPTACLE.
- 17 CONSTRUCT CEMENT CONC. TRAFFIC CURB PER WSDOT STD. PLAN F-10.12.

GENERAL NOTES

1. SEE DWG. NO. DR1-DR2 FOR DRAINAGE STRUCTURE ADJUSTMENTS.
2. DRIVEWAY WIDTH DIMENSIONS ARE AT BACK OF SIDEWALK.

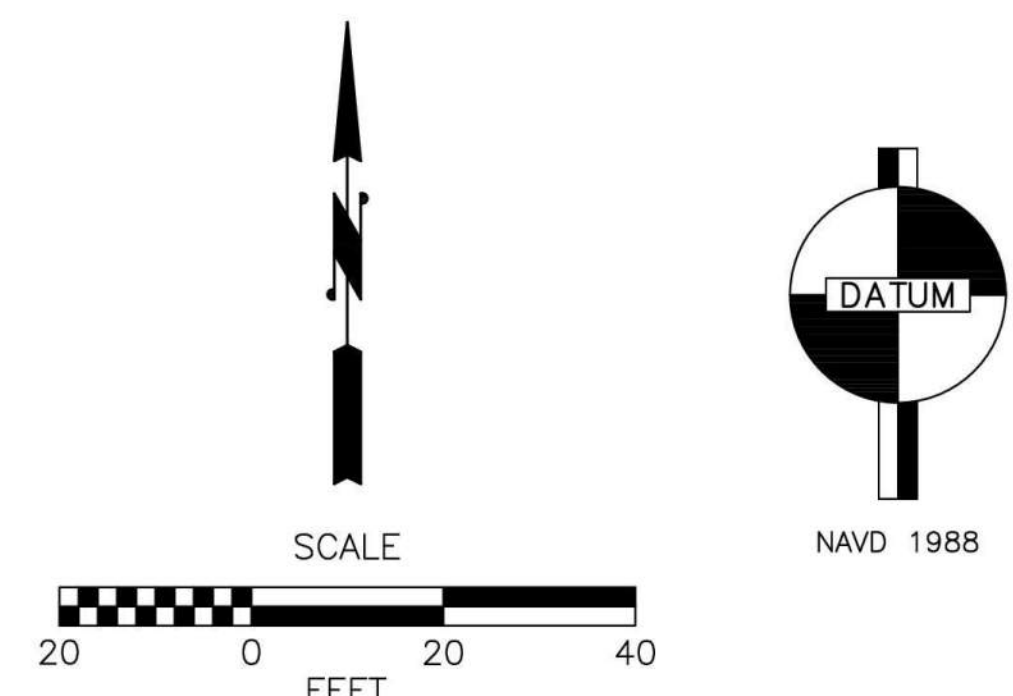
LEGEND

- 4" HMA CL.1/2" PG 58H-22 OVER 6" CSBC, OVER 14" PERMEABLE BALLAST
- CEMENT CONC. SIDEWALK
- SEEDING AND FERTILIZING BY HAND OVER 6" TOPSOIL TYPE A, SEE DWG. NO. LD1.
- 2" HMA CL. 1/2" PG 58H-22, OVER 4" CSBC.
- 4" CSBC
- PAVING LIMITS
- GAS LINE TO BE RELOCATED BY OTHERS
- CURB RETURN DATA, SEE DWG. NO. MD1
- STREET TREE, SEE DWG. NO. LS1



SIDEWALK GRADING DETAIL  
1"=5'

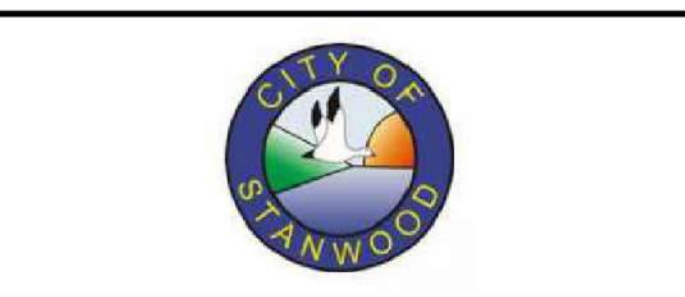
POINT TABLE			
POINT NO.	STATION	OFFSET	ELEV.
A	19+30.39	17.5' RT	14.20'
A	19+30.39	22.5' RT	14.28'
C	19+32.72	28.1' RT	14.37'
D	19+29.49	29.2' RT	14.34'
E	19+33.18	37.6' LT	14.45'
F	19+47.03	32.8' RT	14.57'
G	19+48.52	35.5' RT	14.55'
H	19+55.78	31.8' RT	14.69'
I	19+54.92	29.5' RT	14.71'
J	19+57.33	28.4' RT	14.73'
K	19+55.11	22.5' RT	14.78'



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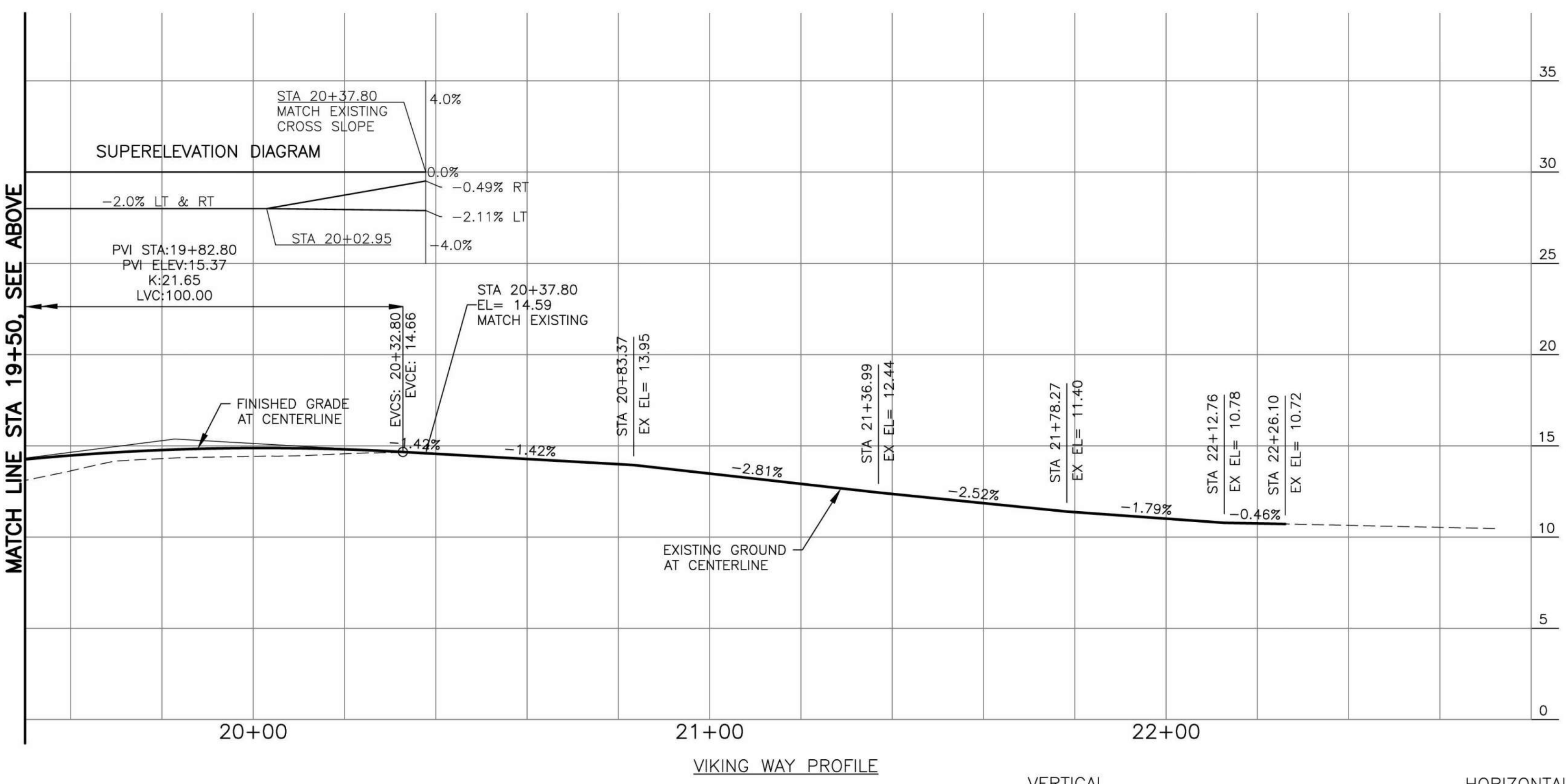
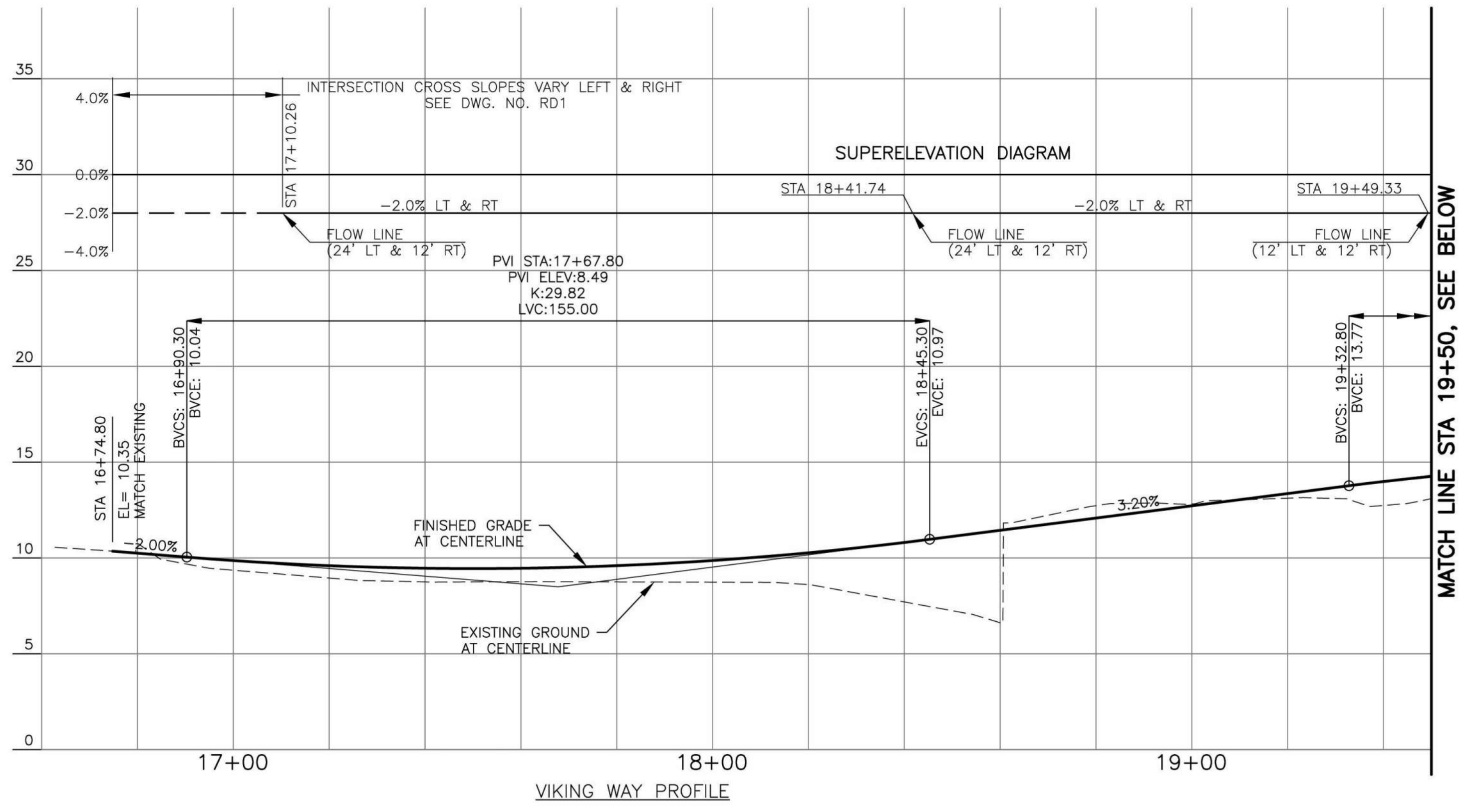


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
ROADWAY PLAN

Drawing No. <b>RD2</b>
Sheet No. 14
41 of Total





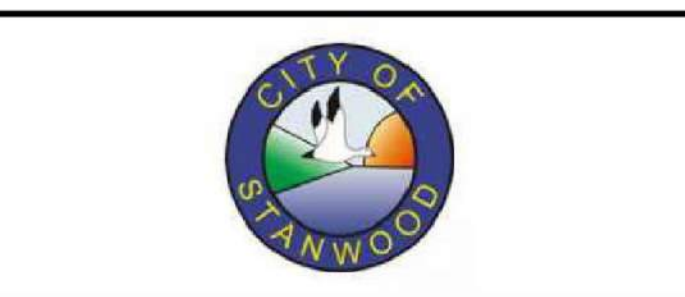
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Apr 09, 2024 - 11:31am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 RP.dwg Layout Name: RP1

No.	Date	Revision	By	Appr.

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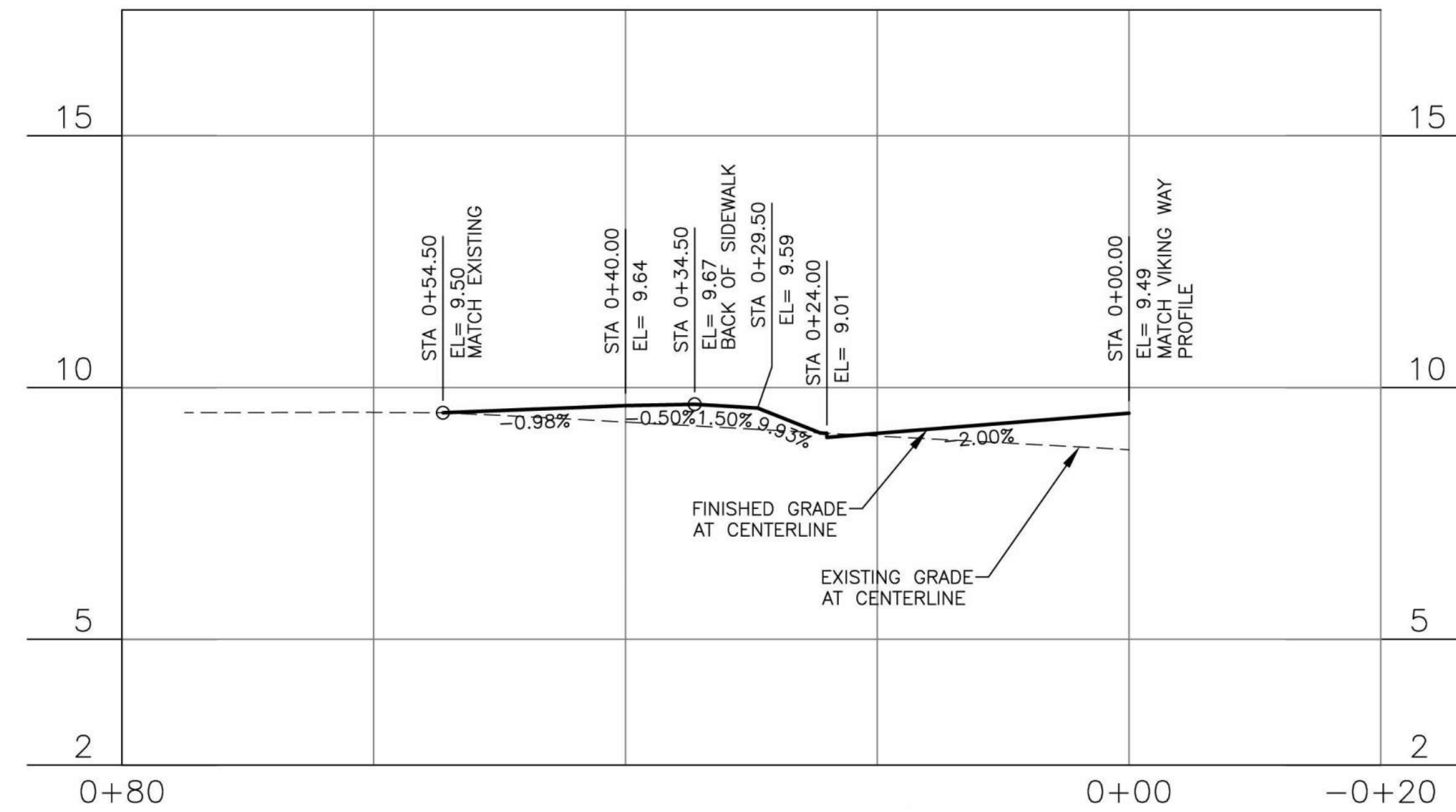


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Approved By D. HANSEN	04/09/2024

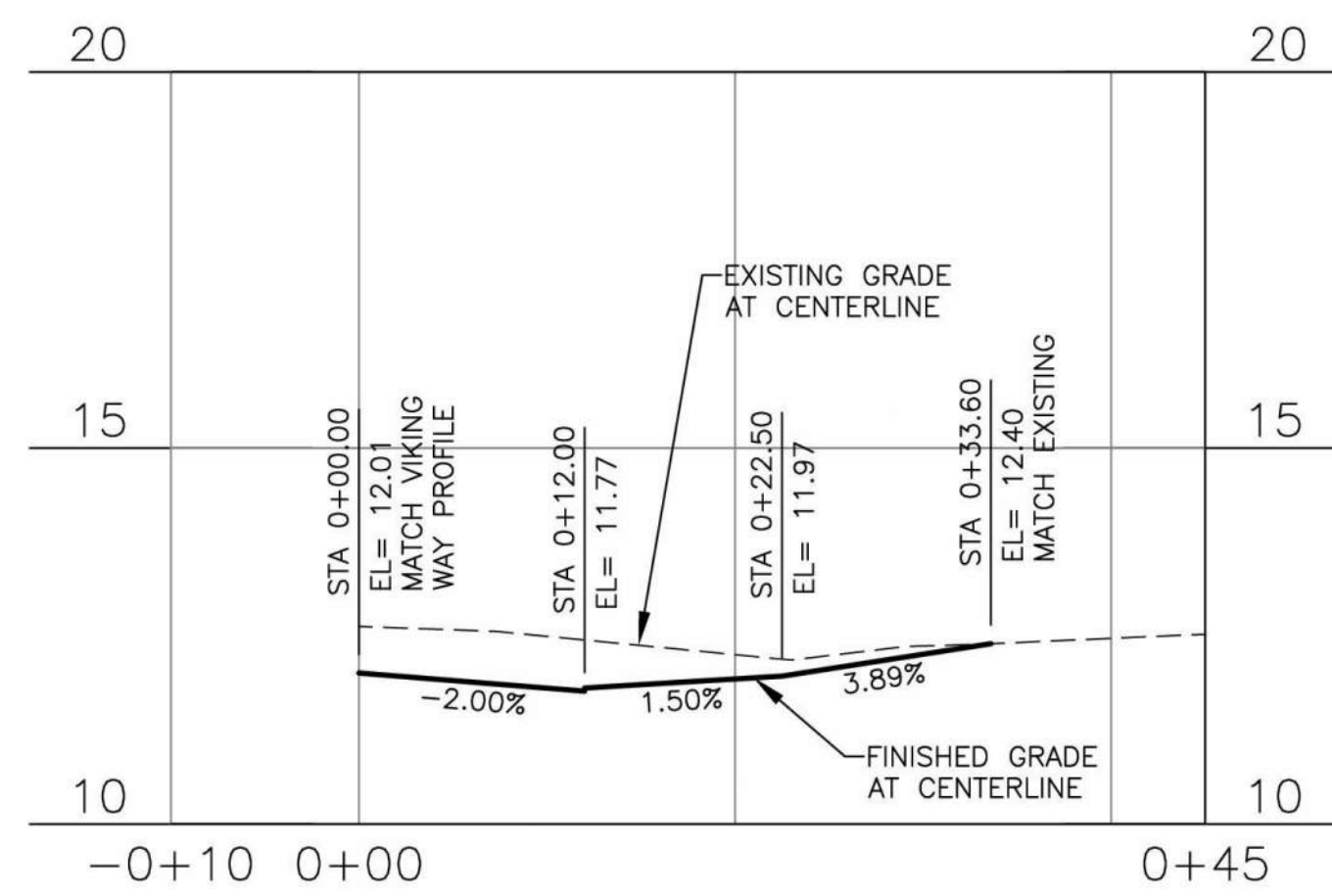
CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 ROADWAY PROFILE

Drawing No. <b>RP1</b>
Sheet No. 15
41 of Total

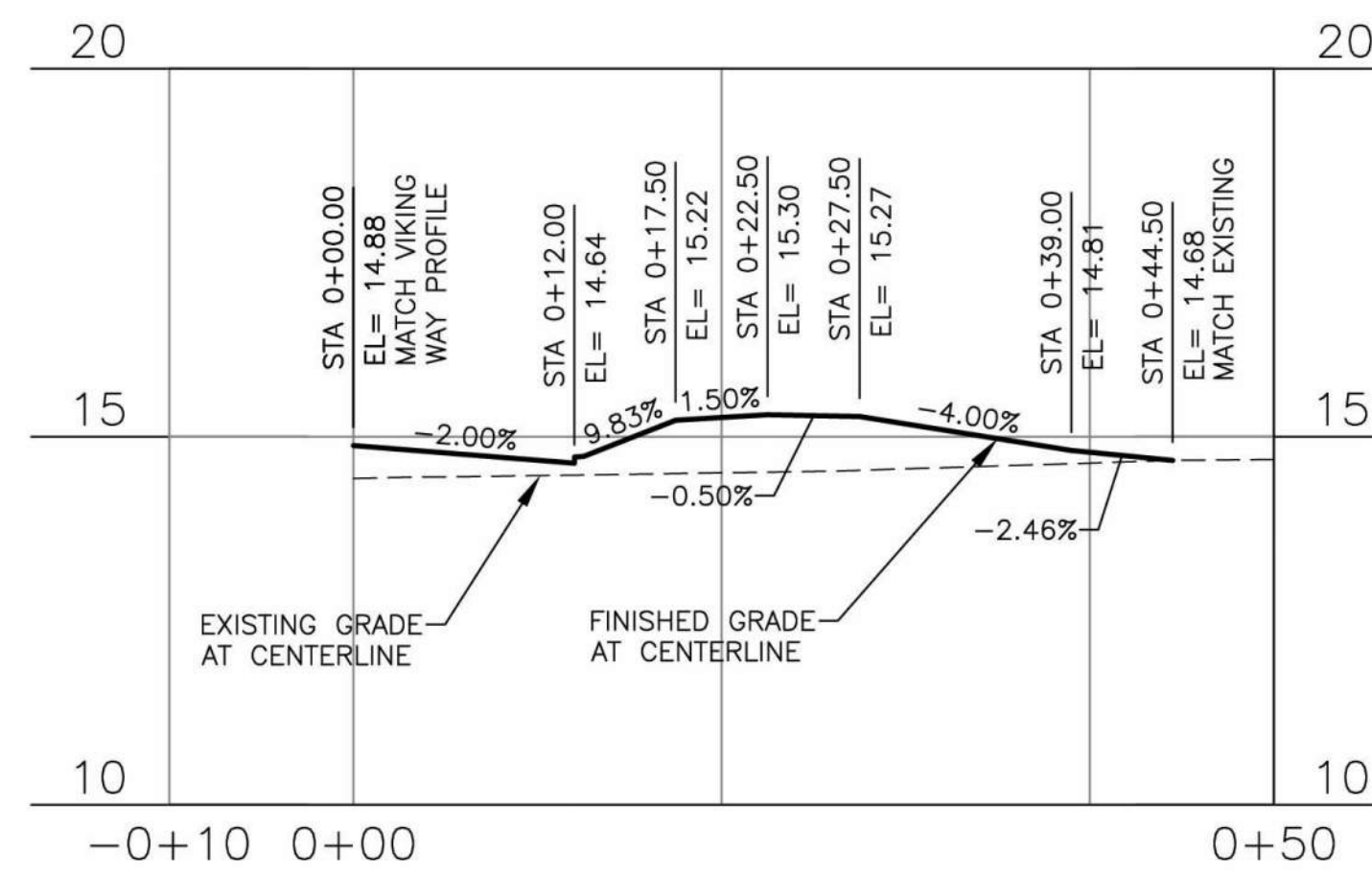




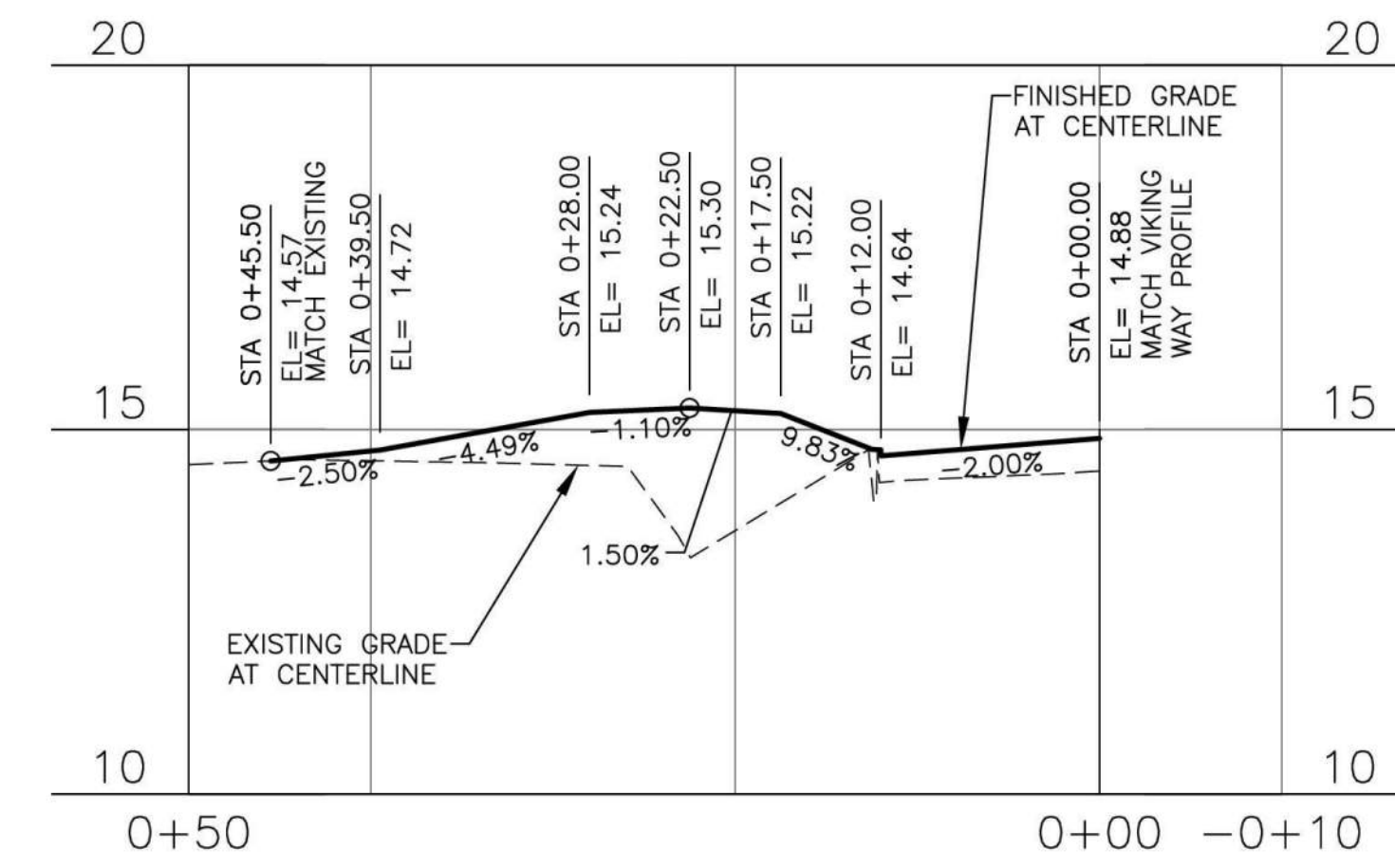
PUD DRIVEWAY 17+65.17 LT PROFILE  
SEE DWG. NO. RD2



DWY 18+77.62 RT PROFILE  
SEE DWG. NO. RD1



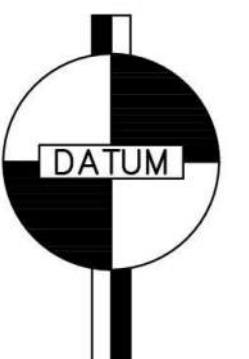
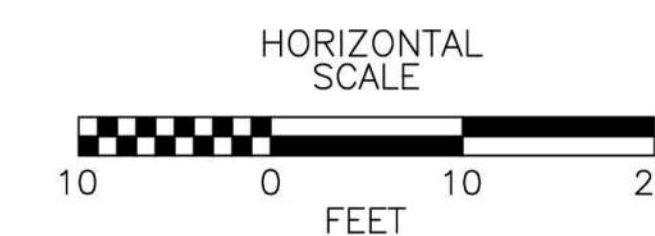
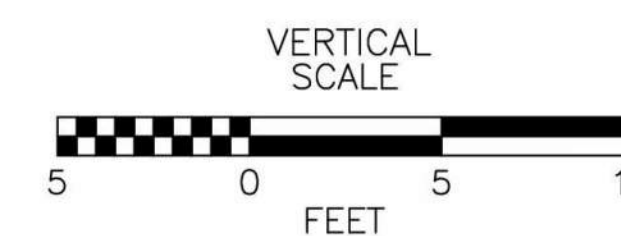
DWY 20+02.95 RT PROFILE  
SEE DWG. NO. RD2



DWY 20+02.95 LT PROFILE  
SEE DWG. NO. RD2

DRIVEWAY CONSTRUCTION CENTERLINE ALIGNMENT TABLE

DRIVEWAY CL ALIGNMENT	VIKING WAY STA	BEGIN DRIVEWAY CL STA	AP DRIVEWAY CL STA	END DRIVEWAY CL STA	SEGMENT 1 BEARING	SEGMENT 2 BEARING
PUD DWY 17+65.17 LT	17+65.17	0+00.00	N/A	0+75.00	N1°22'36.78"E	N/A
DWY 18+77.62 RT	18+77.62	0+00.00	0+22.50	0+75.00	S5°42'12.69"W	S0°39'47.62"W
DWY 20+02.95 RT	20+02.95	0+00.00	0+22.50	0+75.00	S9°43'10.55"W	S1°05'40.12"W
DWY 20+02.95 LT	20+02.95	0+00.00	N/A	0+75.00	N9°43'11.28"E	N/A



NAVD 1988

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Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRANEN	04/09/2024
Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
DRIVEWAY PROFILES

Drawing No.  
**DW1**  
Sheet No.  
16  
41 of Total



NE CORNER VIKING WAY & 92ND AVE NW

CURB RETURN ELEVATIONS		
POINT	STATION/OFFSET	FLOWLINE ELEVATION
PC STA	104+68.64 (17.00' RT)	9.86'
1/4		9.80'
1/2		9.64'
3/4		9.43'
PT STA	17+09.22 (24.00' LT)	9.25'

Δ= 89'21"16"  
R= 30.00'  
T= 29.68'  
L= 46.80'

SEE DWG. NO. RD1

SE CORNER VIKING WAY & 92ND AVE NW

CURB RETURN ELEVATIONS		
POINT	STATION/OFFSET	FLOWLINE ELEVATION
PC STA	103+72.64 (17.00' RT)	10.49'
1/4		10.28'
1/2		10.04'
3/4		9.68'
PT STA	17+10.26 (12.00' RT)	9.47'

Δ= 90'37"22"  
R= 30.00'  
T= 30.33'  
L= 47.45'

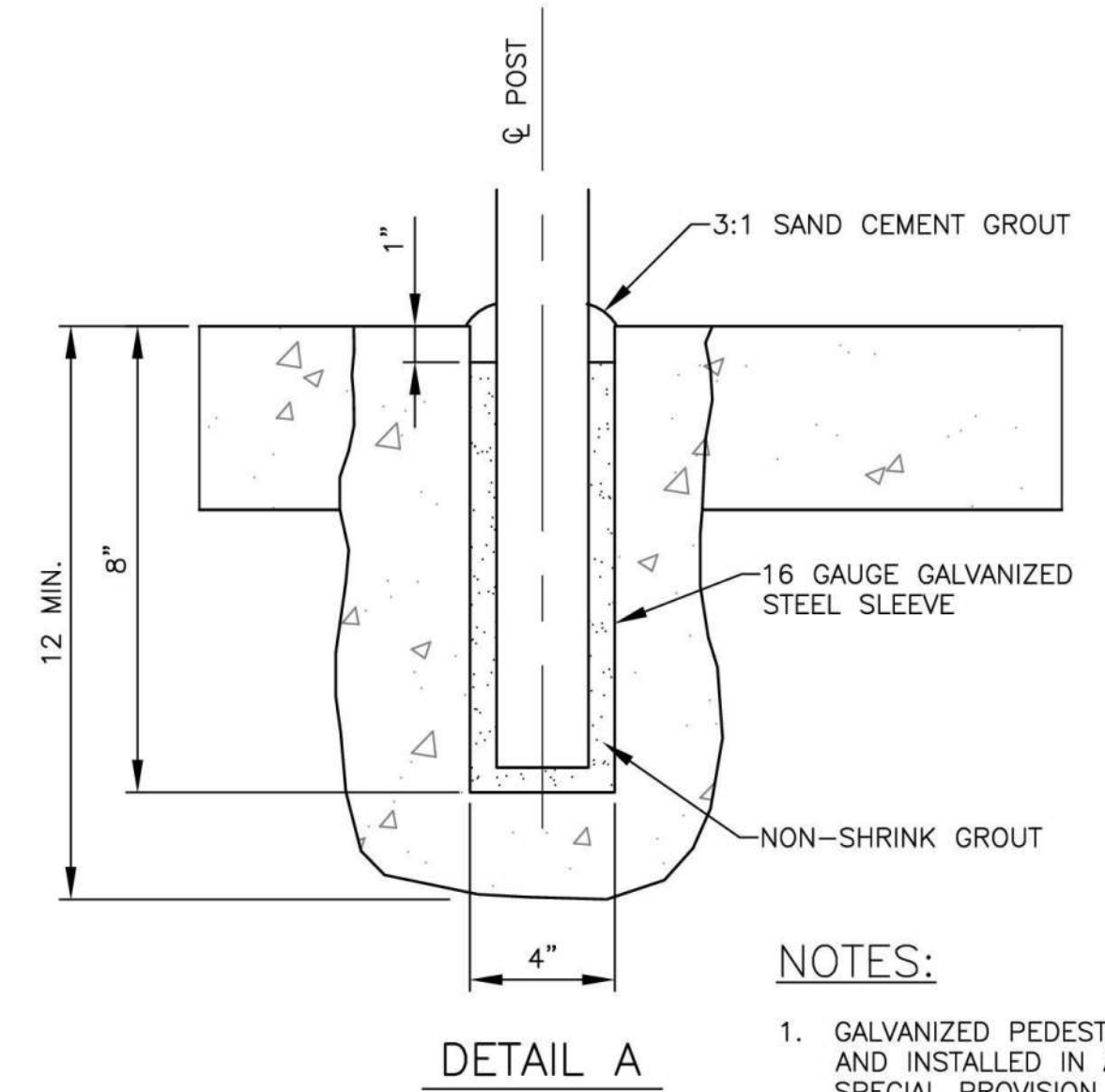
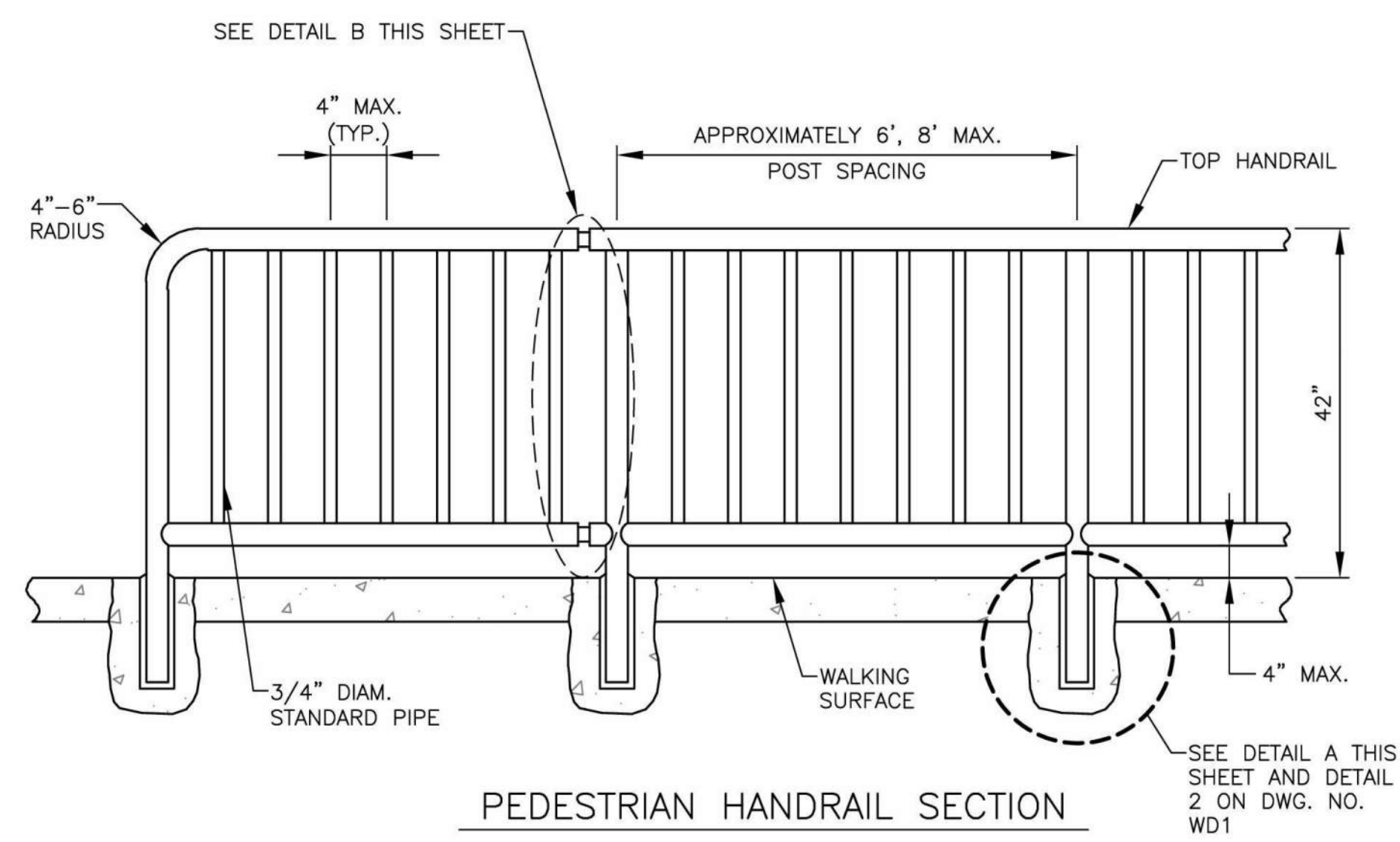
SEE DWG. NO. RD1

DRIVEWAY ON 92ND AVE NW

CURB RETURN ELEVATIONS		
POINT	STATION/OFFSET	FLOWLINE ELEVATION
PC STA	105+06.31 (17.00' RT)	9.41'
1/2		9.26'
PT STA	105+16.81 (27.50' RT)	9.11'

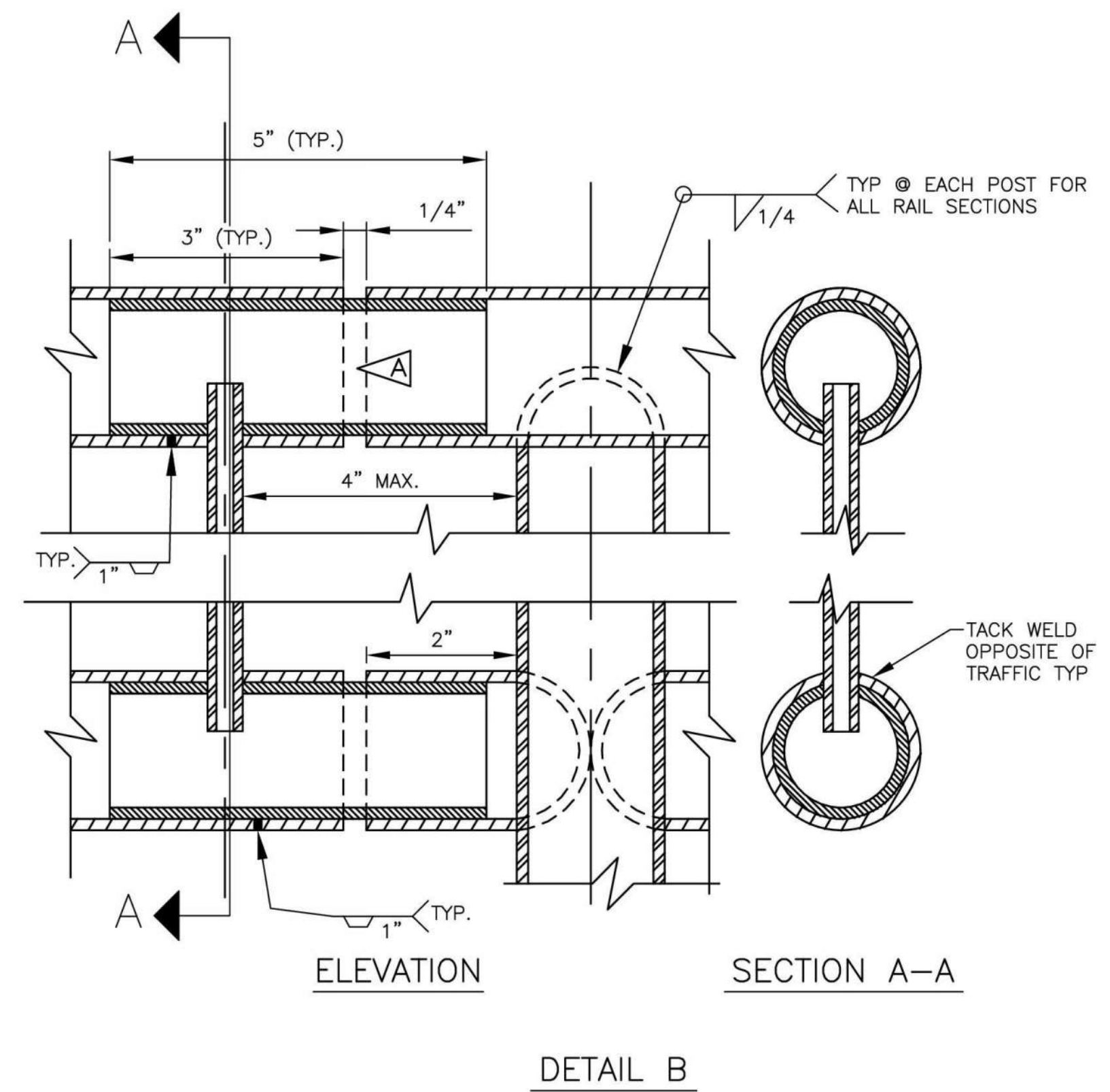
Δ= 90'00"00"  
R= 10.50'  
T= 10.50'  
L= 16.49'

SEE DWG. NO. RD1



NOTES:

1. GALVANIZED PEDESTRIAN HANDRAIL SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THESE DETAILS AND SPECIAL PROVISION SECTION 8-26.
2. STEEL GUARD MATERIALS SHALL BE WELDED OR SEAMLESS STEEL PIPE CONFORMING TO THE REQUIREMENTS OF ASTM A 53, STRUCTURAL STEEL CONFORMING TO ASTM A 36, OR TUBULAR SECTIONS OF HOT ROLLED MILD STEEL CONFORMING TO ASTM A 501. ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE AWS D1.1. AFTER FABRICATION EACH SECTION OF RAILING SHALL BE HOT-DIPPED GALVANIZED WITH A MINIMUM ZINC COATING OF 2 OUNCES PER SQUARE FOOT. ALL BURRS AND SHARP EDGES SHALL BE REMOVED PRIOR TO GALVANIZING.
3. FIELD WELDS SHALL BE GALVANIZED WITH A COATING OF ZINC TO OFFER PROTECTION AND PREVENT RUSTING. PAINTING OF WELDS WILL NOT BE PERMITTED.
4. HORIZONTAL RAILS AND VERTICAL SUPPORT POSTS SHALL BE 1 1/2 INCH DIAMETER AND BALUSTERS SHALL BE 3/4 INCH DIAMETER STANDARD WEIGHT GALVANIZED STEEL PIPE. RAILS, POSTS AND BALUSTERS SHALL BE MACHINE CUT TO PROVIDE A UNIFORM LENGTH PRIOR TO ASSEMBLY.
5. HANDRAIL SHALL BE ERECTED AND ADJUSTED, IF NECESSARY, TO ASSURE A CONTINUOUS LINE AND GRADE.
6. PROVIDE SLIP JOINTS AT STAIRWAY EXPANSION JOINTS AND AT EVERY 24 FEET ON CENTER MAXIMUM.



PEDESTRIAN HANDRAIL DETAIL 1 MD1  
N.T.S.

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Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

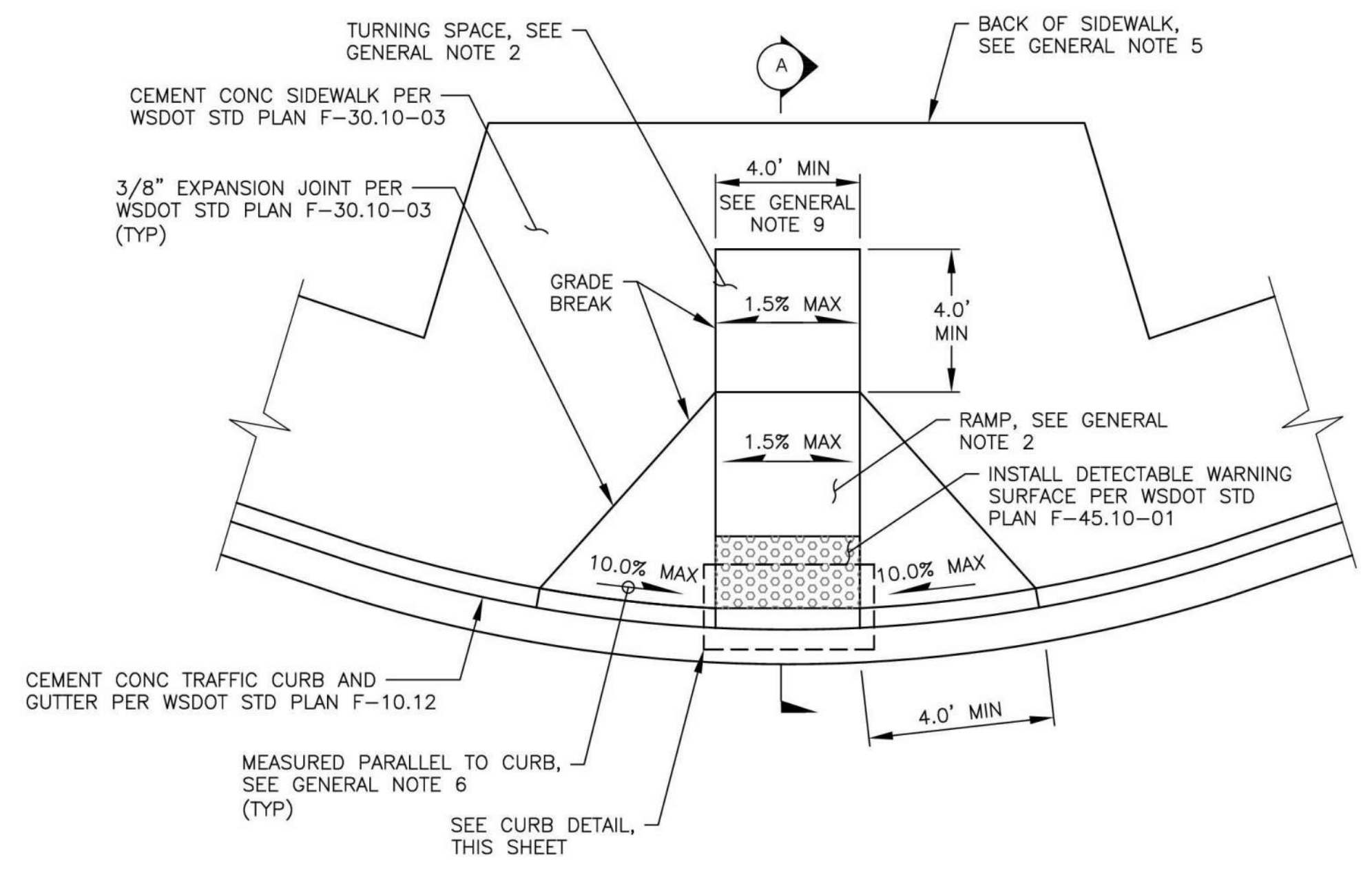
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
MISCELLANEOUS DETAILS

Drawing No. <b>MD1</b>
Sheet No. 17
41 of Total

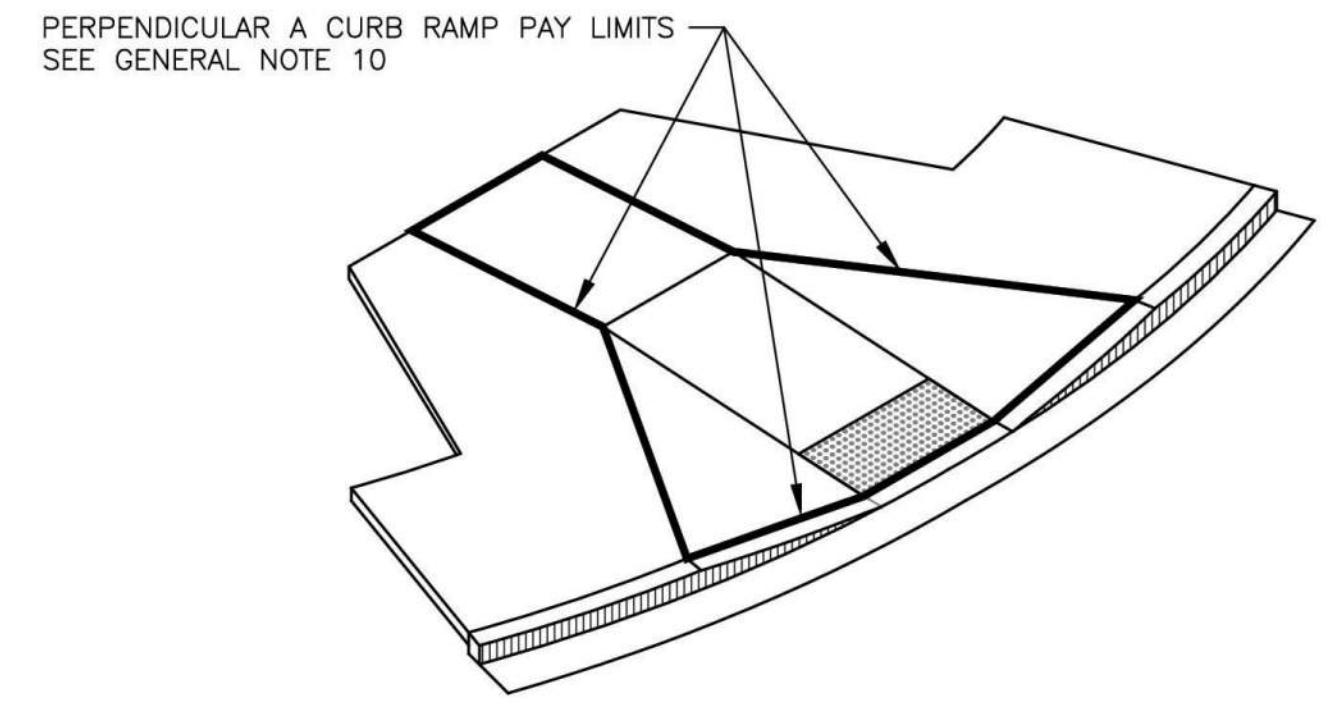


**GENERAL NOTES:**

- MINIMUM RAMP LENGTH FOR TYPE PERPENDICULAR RAMPS SHALL BE 6.0 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 7.5%. RAMP SHALL BE LENGTHENED TO ACHIEVE 7.5% OR LESS SLOPE TO A MAXIMUM LENGTH OF 8 FEET. THE LENGTH OF THE RAMP MUST ALLOW FOR A MINIMUM 4 FOOT TURNING SPACE BEHIND RAMP. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
- THE INTENDED CROSS SLOPE FOR ALL RAMPS AND ALL TURNING SPACES IS 1.5%. DUE TO EXISTING GUTTER AND ROADWAY SLOPES, ACHIEVING 1.5% MAY NOT BE POSSIBLE. CONTRACTOR SHALL CONSTRUCT WITH CROSS SLOPE AS CLOSE TO 1.5% (OR LESS) AS POSSIBLE WITHIN EXISTING CONDITIONS. CROSS SLOPE MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
- AVOID PLACING JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- REPLACE SIDEWALK PANEL ADJACENT TO CURB RAMP FOR A MINIMUM LENGTH OF 5 FEET, OR TO NEAREST JOINT BEYOND 5 FEET. THE REPLACEMENT LENGTH SHALL BE SUFFICIENT TO PROVIDE A SMOOTH RUNNING SLOPE AND CROSS SLOPE TRANSITION BETWEEN NEW AND EXISTING SIDEWALK. THE REPLACEMENT LENGTH AND MATCH IN POINT MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
- BACK OF WALK LIMITS VARY FOR EACH CURB RAMP LOCATION, SEE ROADWAY PLAN SHEETS FOR PLAN VIEW FOR EACH CURB RAMP.
- MINIMUM FLARE LENGTH SHALL BE 4 FEET, WITH A MAXIMUM SLOPE OF 10.0%. FLARE SHALL BE LENGTHENED TO ACHIEVE A SLOPE OF 10.0% OR LESS. FINAL LENGTHS AND SLOPES MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
- MINIMUM RAMP LENGTH FOR TYPE PARALLEL AND SINGLE DIRECTIONAL RAMPS SHALL BE 4 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 7.5%. RAMP MAY BE LENGTHENED TO ACHIEVE 7.5% OR LESS SLOPE TO A MAXIMUM LENGTH OF 15 FEET. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
- SEE ROADWAY PLAN SHEETS FOR CURB RAMP LENGTHS. LENGTHS SHALL BE ADJUSTED TO ACHIEVE REQUIRED SLOPES TO ACCOMMODATE EXISTING SITE CONDITIONS. ALL SLOPES AND LENGTHS MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE. TO MEET ADA GUIDELINES A MAXIMUM CROSS SLOPE OF 2.0% IS ALLOWED ON SIDEWALKS AND RAMPS.
- THE LENGTH AND WIDTH DIMENSIONS SHOWN ON THESE CURB RAMP DETAIL SHEETS SHALL BE MEASURED TO AND FROM THE FINISHED EDGES OF CONCRETE AND EXCLUDING JOINTS.
- THE BID ITEM "CEMENT CONC. CURB RAMP TYPE \_\_\_\_\_" DOES NOT INCLUDE THE ADJACENT CURB & GUTTER, DEPRESSED CURB & GUTTER, PEDESTRIAN CURB, OR SIDEWALKS.
- CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ADA REQUIREMENTS STRICTLY FOR ALL PEDESTRIAN FACILITIES AND TO MAKE SURE THAT MAXIMUM ALLOWABLE SLOPES ARE NOT EXCEEDED IN ANY LOCATION. CONTACT DESIGNER DURING CONSTRUCTION IF THERE ARE ANY AREAS THAT ADA COMPLIANCE IS NOT POSSIBLE FOR UNFORESEEN REASONS.



**PERPENDICULAR A CURB RAMP DETAIL**  
N.T.S.

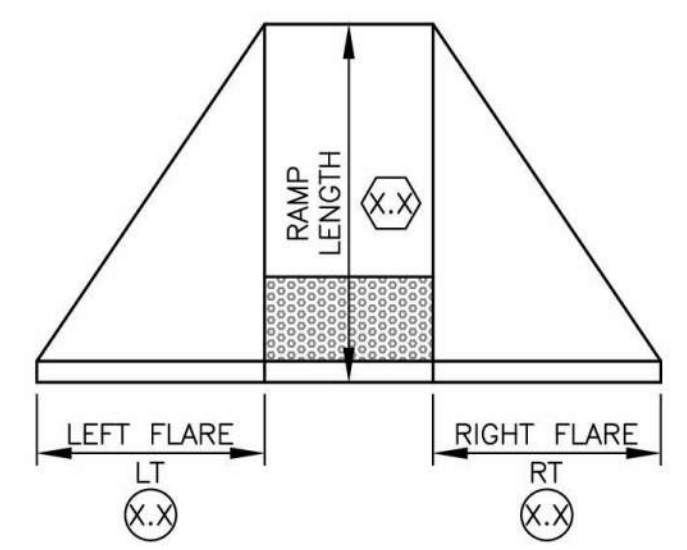


**PERPENDICULAR A CURB RAMP PAY LIMITS**  
N.T.S.

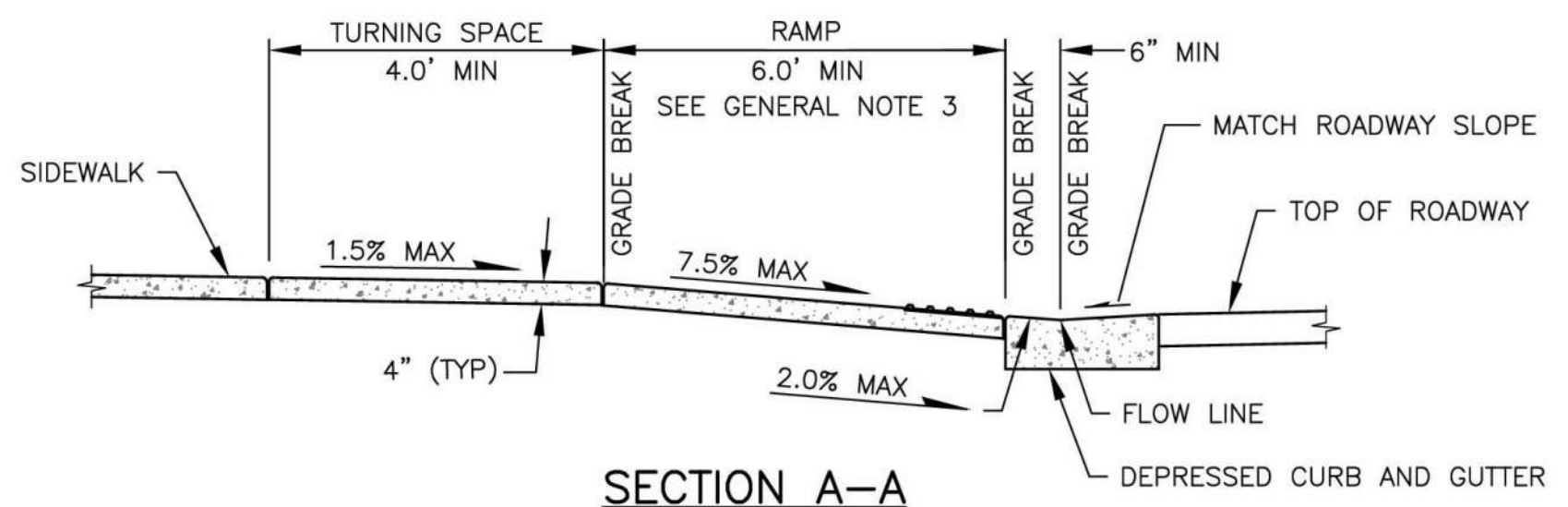
**TERMINOLOGY KEY**

- RAMP LENGTH (FEET)
- FLARE LENGTH (FEET)
- TURNING SPACE LENGTH (FEET)

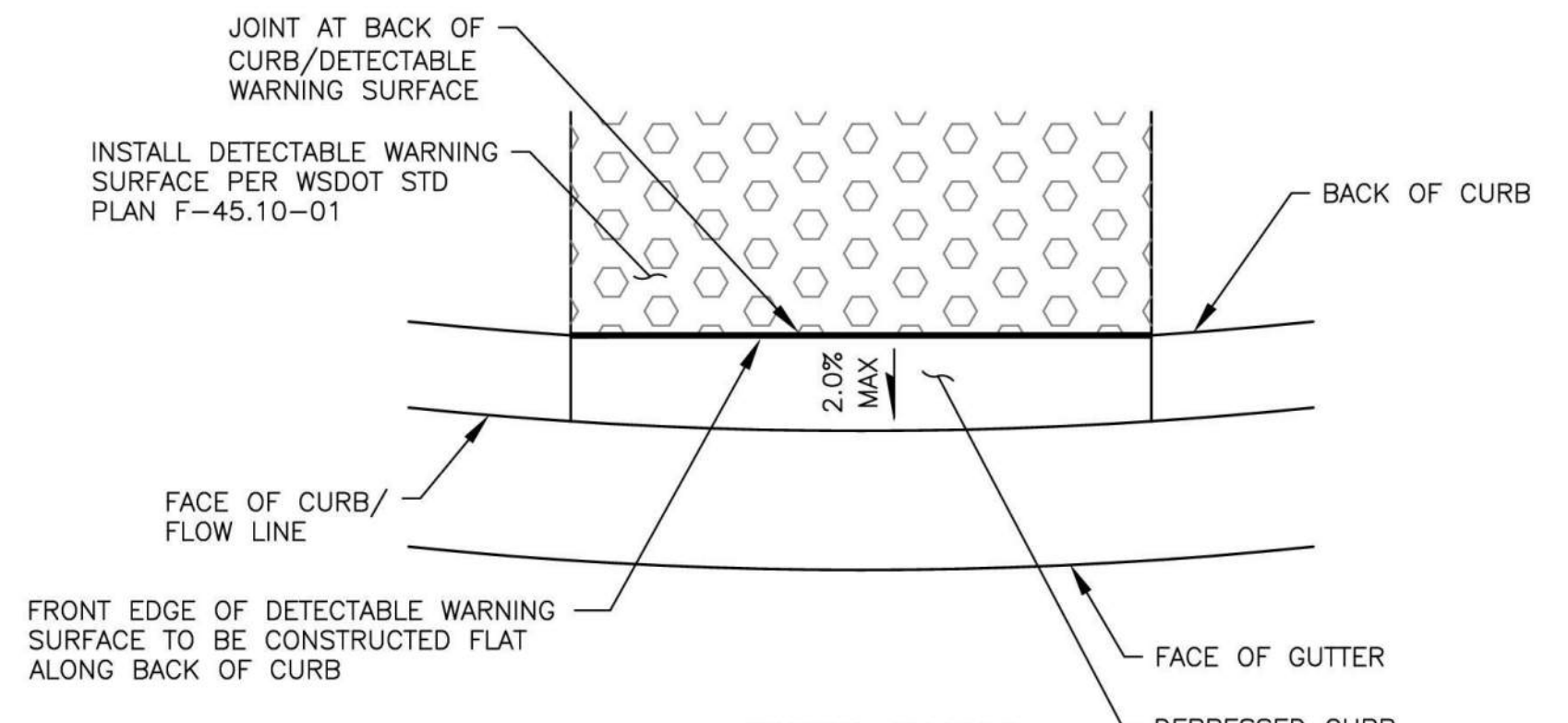
STA/OFF ARE TO CENTER OF RAMP AT THE FACE OF CURB



**CURB RAMP DIMENSIONS**  
N.T.S.



**SECTION A-A**  
N.T.S.

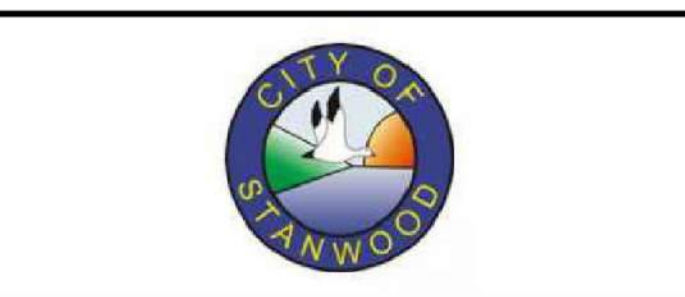


**CURB DETAIL**  
N.T.S.

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Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

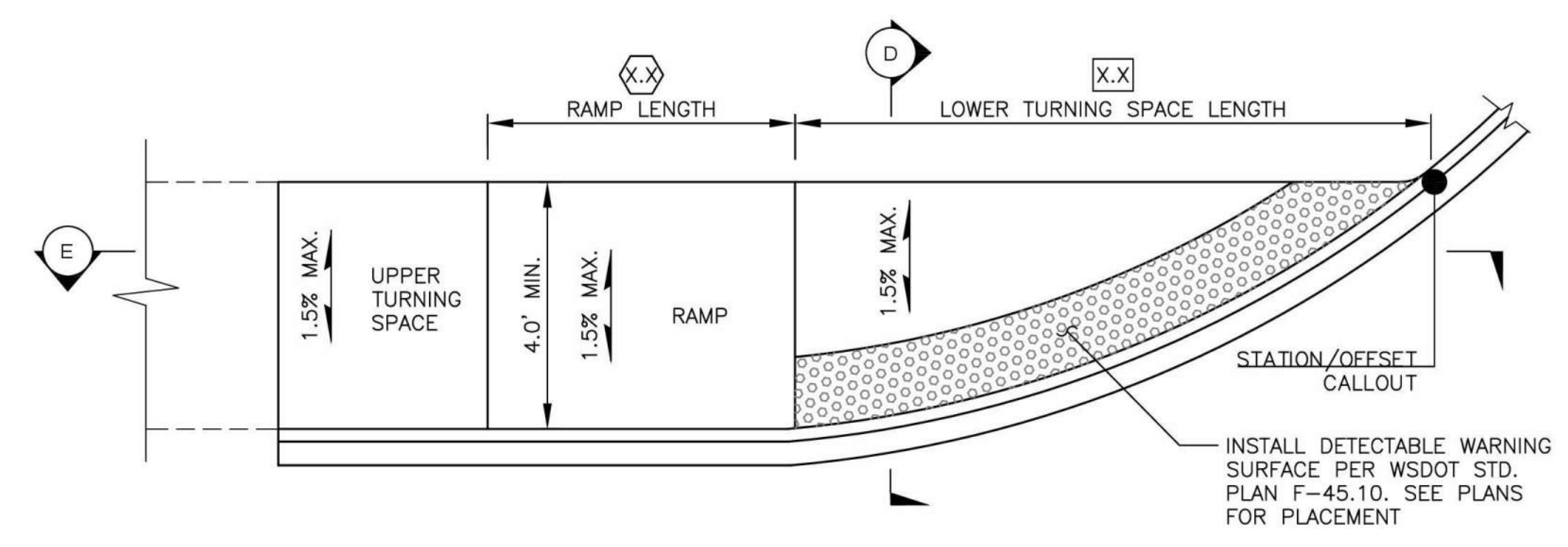
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
CURB RAMP DETAILS

Drawing No. <b>CRD1</b>
Sheet No. 18
41 of Total

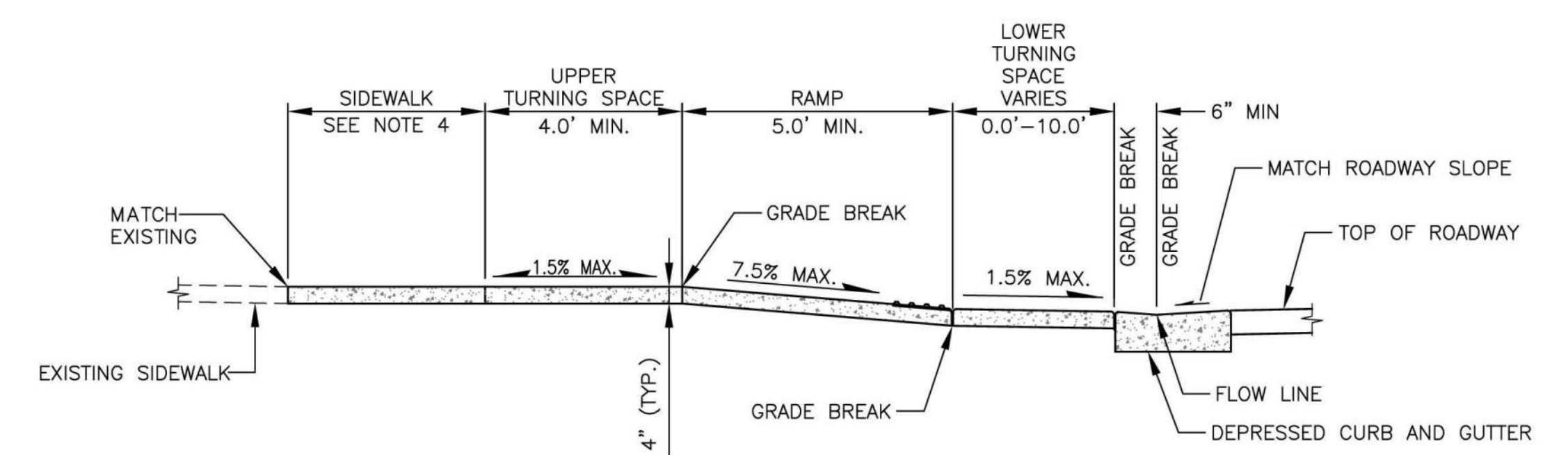
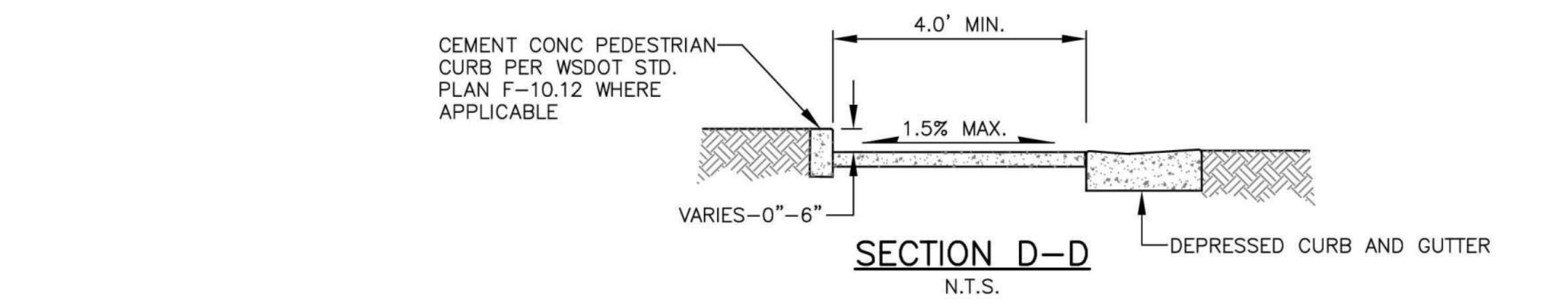


**GENERAL NOTES:**

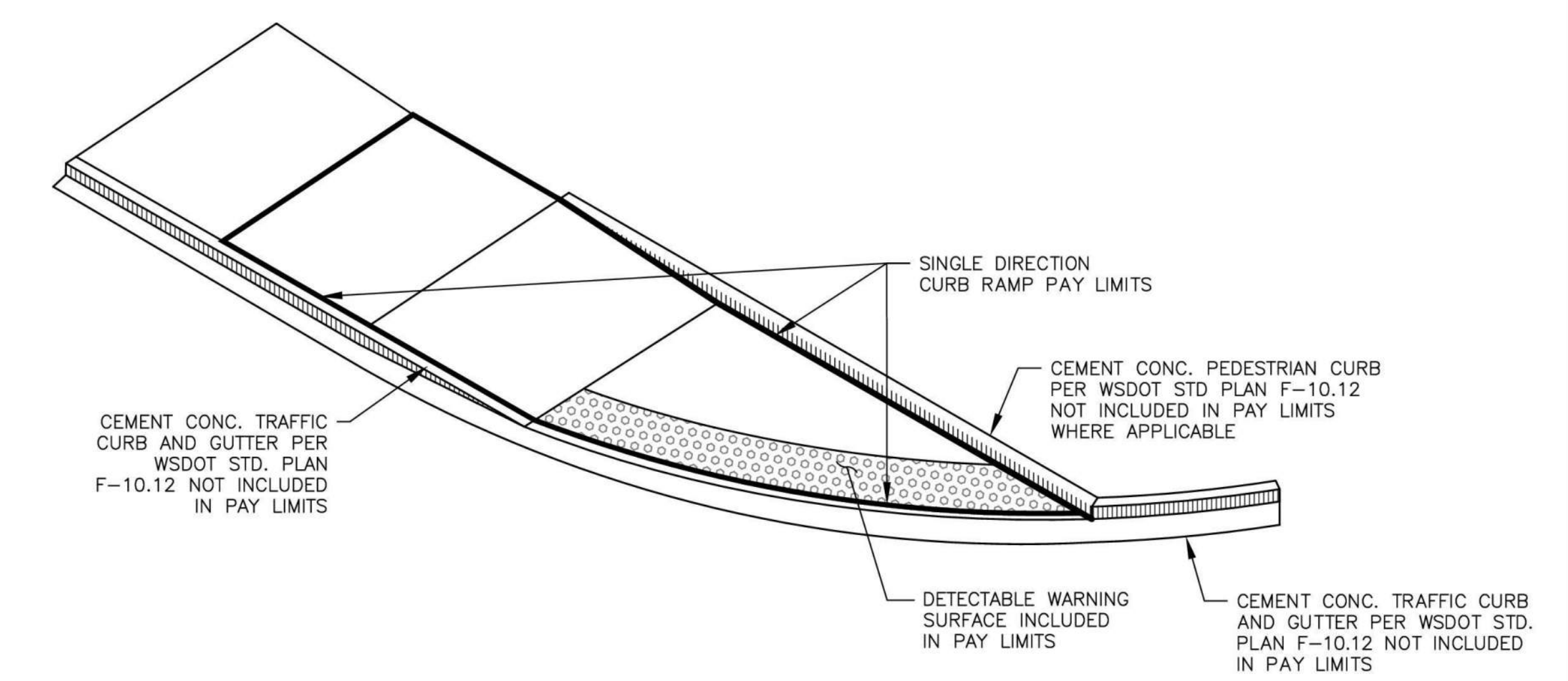
1. MINIMUM RAMP LENGTH FOR TYPE PERPENDICULAR RAMPS SHALL BE 6.0 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 7.5%. RAMP SHALL BE LENGTHENED TO ACHIEVE 7.5% OR LESS SLOPE TO A MAXIMUM LENGTH OF 8 FEET. THE LENGTH OF THE RAMP MUST ALLOW FOR A MINIMUM 4 FOOT TURNING SPACE BEHIND RAMP. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
2. THE INTENDED CROSS SLOPE FOR ALL RAMPS AND ALL TURNING SPACES IS 1.5%. DUE TO EXISTING GUTTER AND ROADWAY SLOPES, ACHIEVING 1.5% MAY NOT BE POSSIBLE. CONTRACTOR SHALL CONSTRUCT WITH CROSS SLOPE AS CLOSE TO 1.5% (OR LESS) AS POSSIBLE WITHIN EXISTING CONDITIONS. CROSS SLOPE MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
3. AVOID PLACING JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
4. REPLACE SIDEWALK PANEL ADJACENT TO CURB RAMP TO NEAREST JOINT BEYOND 5 FEET. THE REPLACEMENT LENGTH SHALL BE SUFFICIENT TO PROVIDE A SMOOTH RUNNING SLOPE AND CROSS SLOPE TRANSITION BETWEEN NEW AND EXISTING SIDEWALK. THE REPLACEMENT LENGTH AND MATCH IN POINT MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
5. BACK OF WALK LIMITS VARY FOR EACH CURB RAMP LOCATION, SEE ROADWAY PLAN SHEETS FOR PLAN VIEW FOR EACH CURB RAMP.
6. MINIMUM RAMP LENGTH FOR TYPE PARALLEL AND SINGLE DIRECTIONAL RAMPS SHALL BE 4 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 7.5%. RAMP MAY BE LENGTHENED TO ACHIEVE 7.5% OR LESS SLOPE TO A MAXIMUM LENGTH OF 15 FEET. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
7. SEE ROADWAY PLAN SHEETS FOR CURB RAMP LENGTHS. LENGTHS SHALL BE ADJUSTED TO ACHIEVE REQUIRED SLOPES TO ACCOMMODATE EXISTING SITE CONDITIONS. ALL SLOPES AND LENGTHS MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE. TO MEET ADA GUIDELINES A MAXIMUM CROSS SLOPE OF 2.0% IS ALLOWED ON SIDEWALKS AND RAMPS.
8. THE LENGTH AND WIDTH DIMENSIONS SHOWN ON THESE CURB RAMP DETAIL SHEETS SHALL BE MEASURED TO AND FROM THE FINISHED EDGES OF CONCRETE AND EXCLUDING JOINTS.
9. THE BID ITEM "CEMENT CONC. CURB RAMP TYPE \_\_\_\_\_" DOES NOT INCLUDE THE ADJACENT CURB & GUTTER, DEPRESSED CURB & GUTTER, PEDESTRIAN CURB, OR SIDEWALKS.
10. CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ADA REQUIREMENTS STRICTLY FOR ALL PEDESTRIAN FACILITIES AND TO ENSURE THAT MAXIMUM ALLOWABLE SLOPES ARE NOT EXCEEDED IN ANY LOCATION WITHOUT PRIOR APPROVAL BY THE ENGINEER. CONTACT DESIGNER DURING CONSTRUCTION IF THERE ARE ANY AREAS THAT ADA COMPLIANCE IS NOT POSSIBLE FOR UNFORESEEN REASONS.
11. TURNING SPACE AND RAMP LENGTH MEASUREMENTS SHALL BE MEASURED ALONG THE BACK OF SIDEWALK.



**CURB RAMP TYPE SINGLE DIRECTION DETAIL**  
N.T.S.



**SECTION E-E**  
N.T.S.



**CURB RAMP TYPE SINGLE DIRECTION PAY LIMITS**  
N.T.S.

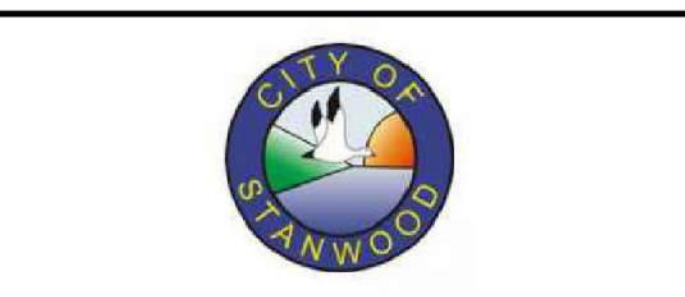
**TERMINOLOGY KEY**

- (X.X) RAMP LENGTH (FEET)
  - (X.X) FLARE LENGTH (FEET)
  - (X.X) TURNING SPACE LENGTH (FEET)
- STA/OFF ARE TO CENTER OF RAMP AT THE FACE OF CURB
- LT RT

Apr 09, 2024 - 11:32am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 CRD.dwg Layout Name: CRD2

No.	Date	Revision	By	Appr.

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2707 COLBY AVENUE, SUITE 900  
EVERETT, WA 98201  
425.252.7700 | 800.615.9900



Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
CURB RAMP DETAILS

Drawing No. <b>CRD2</b>
Sheet No. 19
41 of Total



CONSTRUCTION NOTES

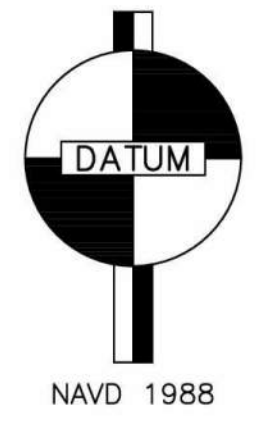
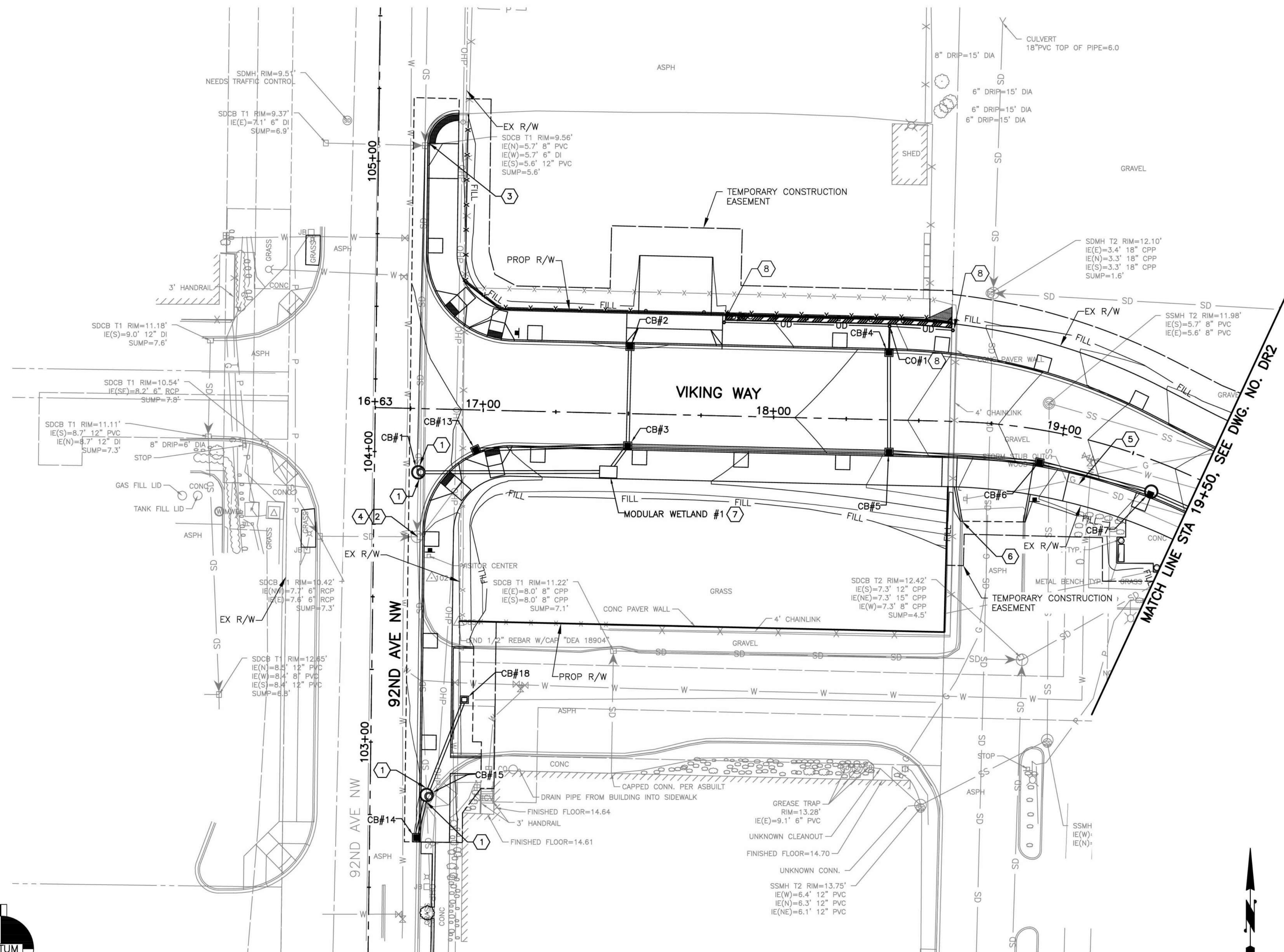
- 1 CONNECTION TO DRAINAGE STRUCTURE (EX PIPE TO NEW STRUCTURE). SEE SPECIAL PROVISION SECTION 7-05.
- 2 REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING COVER.
- 3 ADJUST CATCH BASIN.
- 4 ADJUST MANHOLE.
- 5 PLUG AND ABANDON EXISTING PIPE.
- 6 CONSTRUCT CEMENT CONC. DRAIN CURB CUT PER DETAIL ON DWG. NO. DD1.
- 7 INSTALL MODULAR WETLAND 4 FT. X 6 FT. PER DETAIL DWG. NO. DD1.
- 8 INSTALL UNDERDRAIN CLEANOUT 6 IN. DIAM. PER DETAIL ON DWG. NO. DD1.

LEGEND

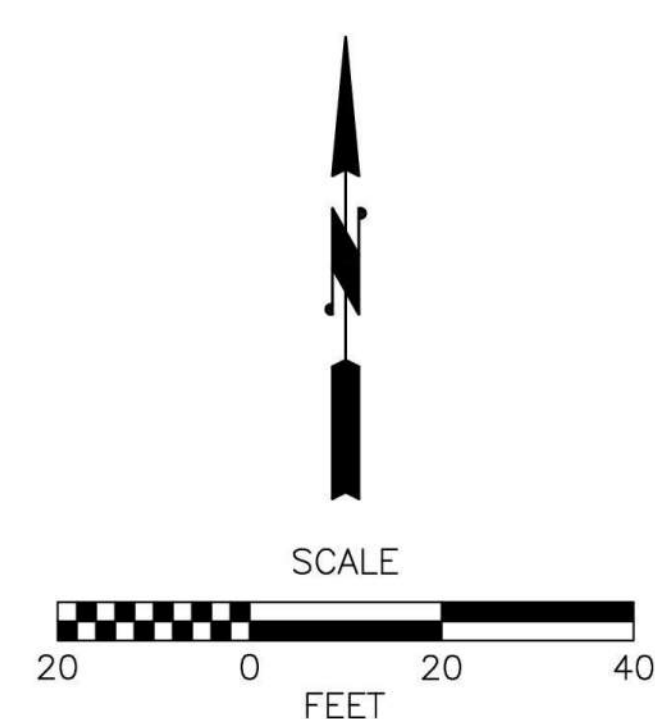
- TYPE 2 CB PER WSDOT STD PLAN B-10.20
- TYPE 2 CB PER WSDOT STD PLAN B-30.70
- TYPE 1 CB PER WSDOT STD PLAN B-5.20
- CONCRETE INLET PER WSDOT STD PLAN B-25.60
- STORM PIPE
- UNDERDRAIN CLEANOUT 6 IN. DIAM.
- MODULAR WETLAND

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF STANWOOD STANDARDS AND THE MOST CURRENT COPY OF THE "STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (WSDOT/APWA).
2. TEMPORARY EROSION/WATER POLLUTION MEASURES SHALL BE REQUIRED IN ACCORDANCE WITH THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
3. COMPLY WITH ALL OTHER PERMITS AND OTHER REQUIREMENTS BY THE CITY OF STANWOOD OR OTHER GOVERNING AUTHORITY OR AGENCY.
4. A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION.
5. ALL STORM MAINS AND RETENTION/DETENTION AREAS SHALL BE STAKED FOR GRADE AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
6. STORM DRAIN PIPE SHALL MEET THE FOLLOWING REQUIREMENTS:
  - A. PVC PIPE, INCLUDING JOINTS AND GASKETS, CONFORMING TO WSDOT SPECIFICATIONS SECTION 9-05.12.
  - B. HDPE PIPE CONFORMING TO WSDOT SPECIFICATIONS SECTION 9-05.23.
7. SPECIAL STRUCTURES, OIL/WATER SEPARATORS AND OUTLET CONTROLS SHALL BE INSTALLED PER PLANS AND MANUFACTURERS' RECOMMENDATIONS.
8. ALL TRENCHES LOCATED IN THE R.O.W. SHALL BE BACKFILLED WITH LIGHT WEIGHT BACKFILL, SEE SPECIAL PROVISIONS SECTION 2-09.
9. ALL STORM DRAIN PIPE AND SERVICES SHALL BE INSTALLED WITH DETECTABLE MARKING TAPE INSTALLED 18" ABOVE THE PIPE CROWN, OR 12" BELOW FINISHED GRADE (WHICHEVER IS DEEPER). DETECTABLE MARKING TAPE SHALL CONFORM TO WSDOT/APWA STANDARD SPECIFICATIONS, WITH MESSAGE CONVEYING "STORM DRAIN" AND BE COLORED CODED GREEN. IN ADDITION, ALL CURVILINEAR PIPES SHALL BE INSTALLED WITH 14 GAUGE COATED COPPER WIRE WRAPPED AROUND THE PIPE, BROUGHT UP BARED AND WRAPPED THREE TIMES AROUND THE MANHOLE RING OR CATCH BASIN FRAME. TAPE AND INSTALLATION SHALL BE PER WSDOT/APWA STANDARDS. THE CONTRACTOR SHALL FURNISH AND INSTALL THE TAPE AND WIRE.
10. PROVIDE TRAFFIC CONTROL PLAN(S) AS REQUIRED IN ACCORDANCE WITH MUTCD.
11. CALL UNDERGROUND UTILITIES AT 1-800-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.
12. ALL CATCH BASINS AND INLETS SHALL HAVE A VANED GRATE PER WSDOT STD PLAN B-30.30-03, UNLESS NOTED OTHERWISE IN THE PLANS.
13. THE CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSINGS PRIOR TO STARTING CONSTRUCTION OF THE PIPE RUN AND CONTACT THE ENGINEER IF THERE ARE DISCREPANCIES IN UTILITY LOCATIONS AND/OR ELEVATIONS BETWEEN PLANS AND POTHOLE.
14. ALL PIPE TO STRUCTURE CONNECTIONS SHALL BE DONE AS SHOWN ON THE DETAIL ON DWG. NO. DD1.
15. ALL STORM DRAIN STRUCTURES SHALL BE PLACED ON 6" OF STOCKPILED CSBC OVER 18" OF PERMEABLE BALLAST PER DETAIL DWG. NO. DD1.



NAVD 1988



Apr 09, 2024 11:52am C:\Users\Kevin.Cronin\OneDrive\AppData\Local\Temp\AcPublish\_89000\20200032\_DR.dwg Layout Name: DR1 Kevin.Cronin

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Drawn By N. EATON	Date 04/09/2024
Designed By M. MAGEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024
Project Number 20200032.0000	

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 DRAINAGE PLAN

Drawing No. <b>DR1</b>
Sheet No. 20
41 of Total

No.	Date	Revision	By	Appr.



CONSTRUCTION NOTES

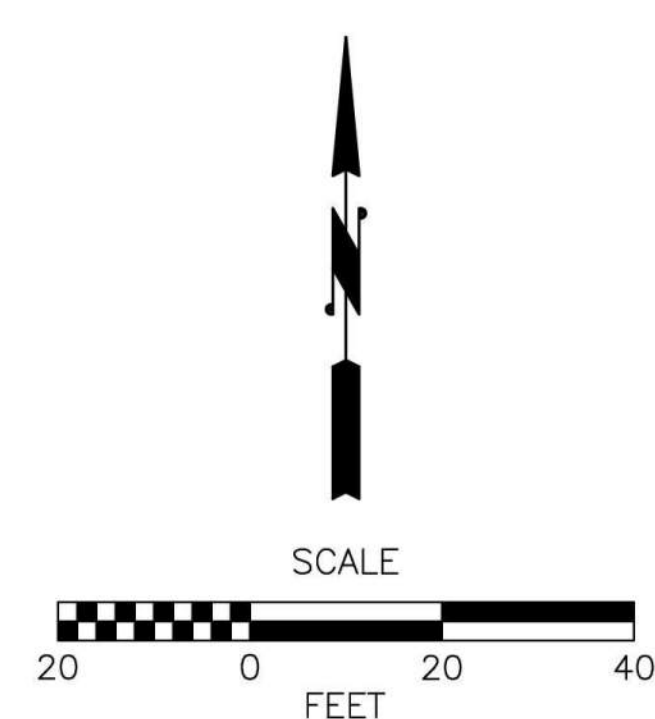
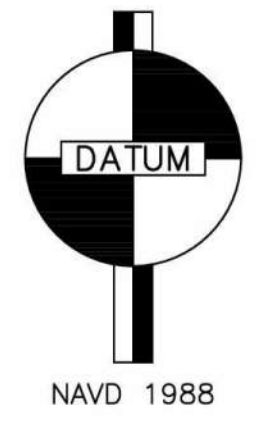
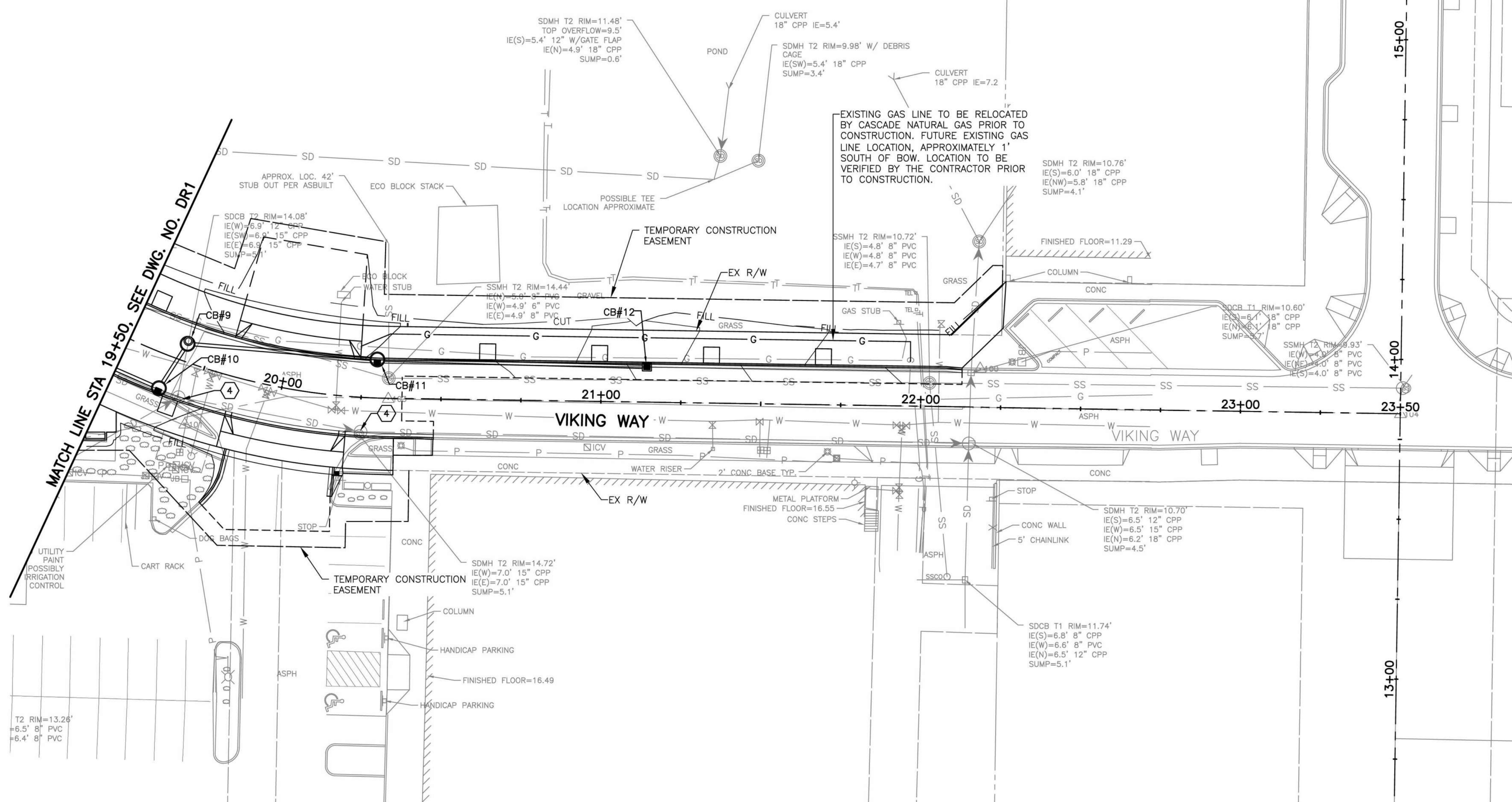
- 1 CONNECTION TO DRAINAGE STRUCTURE (EX PIPE TO NEW STRUCTURE). SEE SPECIAL PROVISION SECTION 7-05.
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LEGEND

- TYPE 2 CB PER WSDOT STD PLAN B-10.20
- TYPE 2 CB PER WSDOT STD PLAN B-30.70
- TYPE 1 CB PER WSDOT STD PLAN B-5.20
- CONCRETE INLET PER WSDOT STD PLAN B-25.60
- STORM PIPE
- UNDERDRAIN CLEANOUT 6 IN. DIAM.
- MODULAR WETLAND

GENERAL NOTES

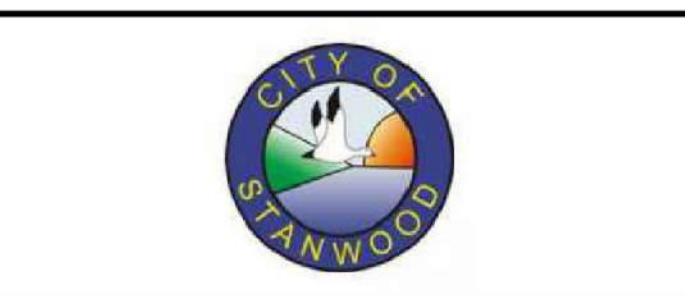
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Apr 09, 2024 - 11:52am C:\Users\Kevin.Cronenwett\AppData\Local\Temp\AcPublish\_89000\20200032\_DR.dwg Layout Name: DR2

No.	Date	Revision	By	Appr.

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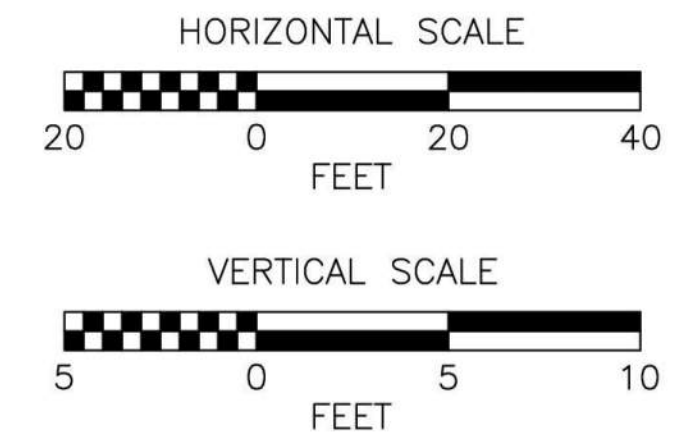
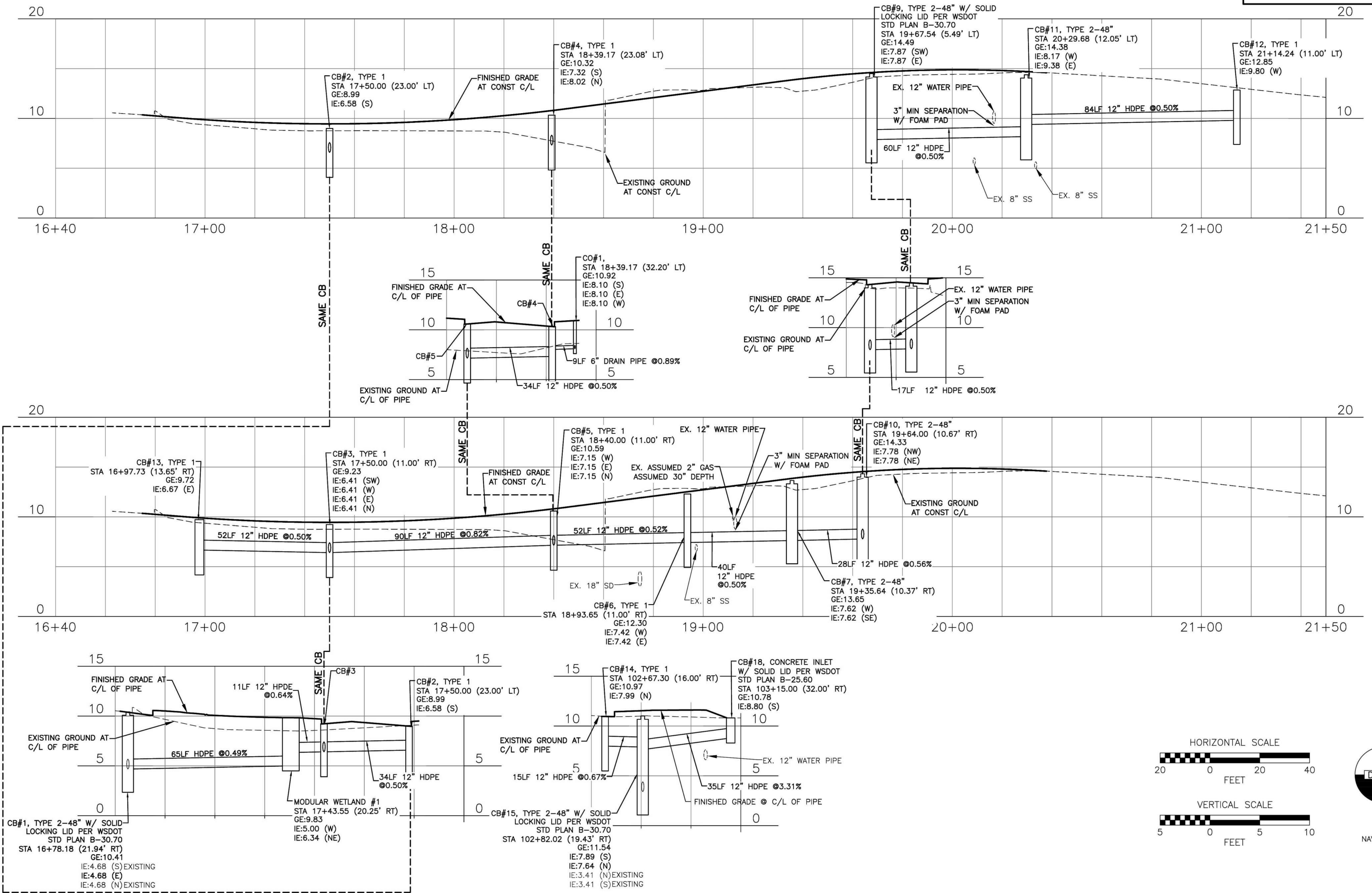


Drawn By N. EATON	Date 04/09/2024
Designed By M. MAGEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 DRAINAGE PLAN

Drawing No. <b>DR2</b>
Sheet No. 21
41 of Total

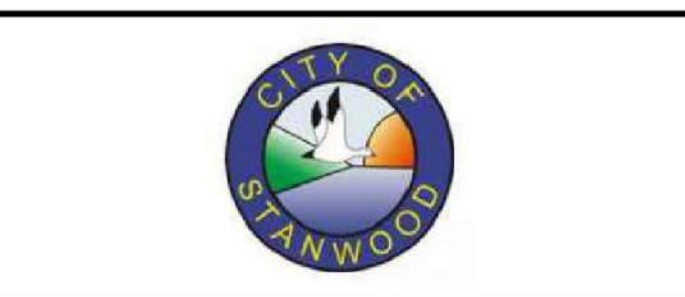




Apr 09, 2024 - 11:33am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 DP.dwg Layout Name: DP1

No.	Date	Revision	By	Appr.

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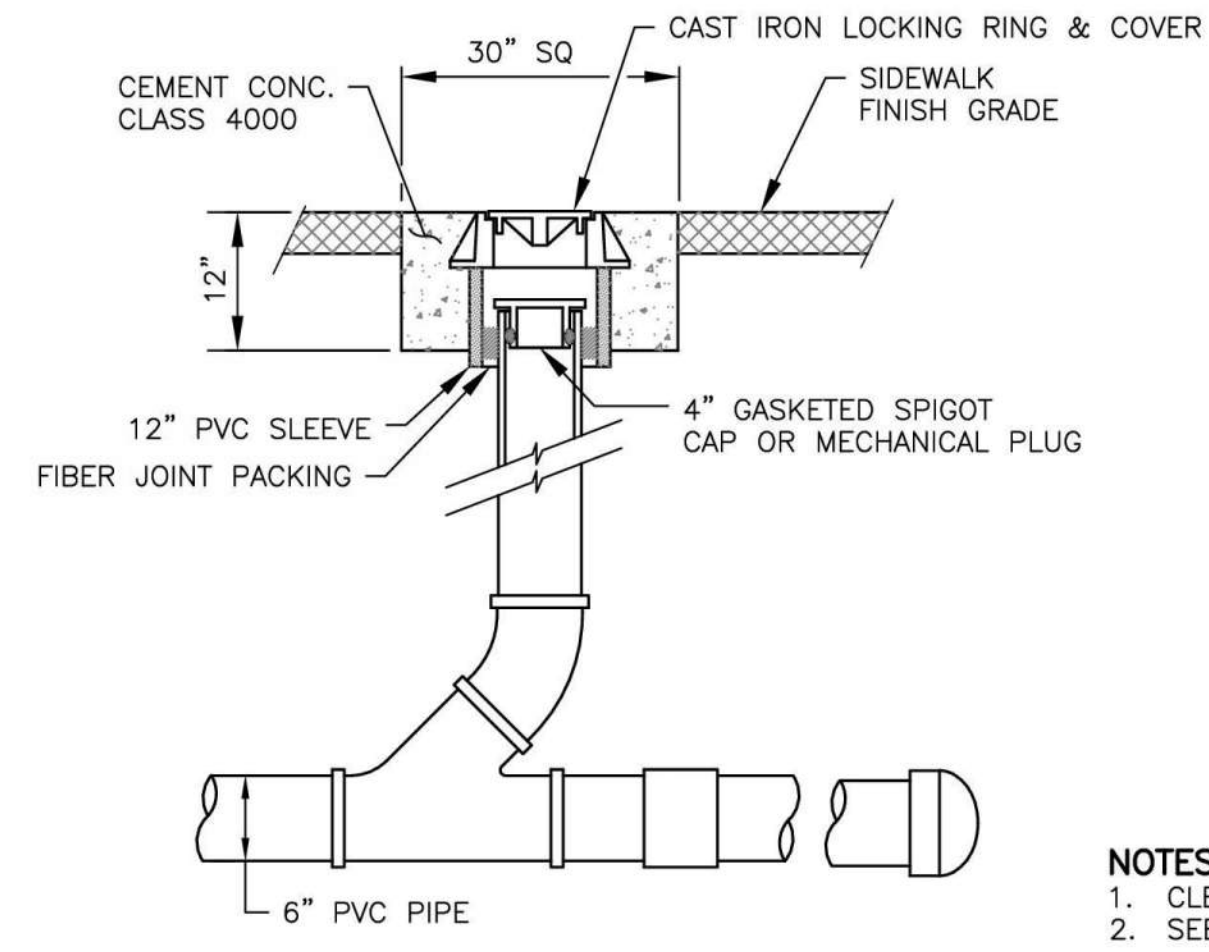


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAMEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 DRAINAGE PROFILES

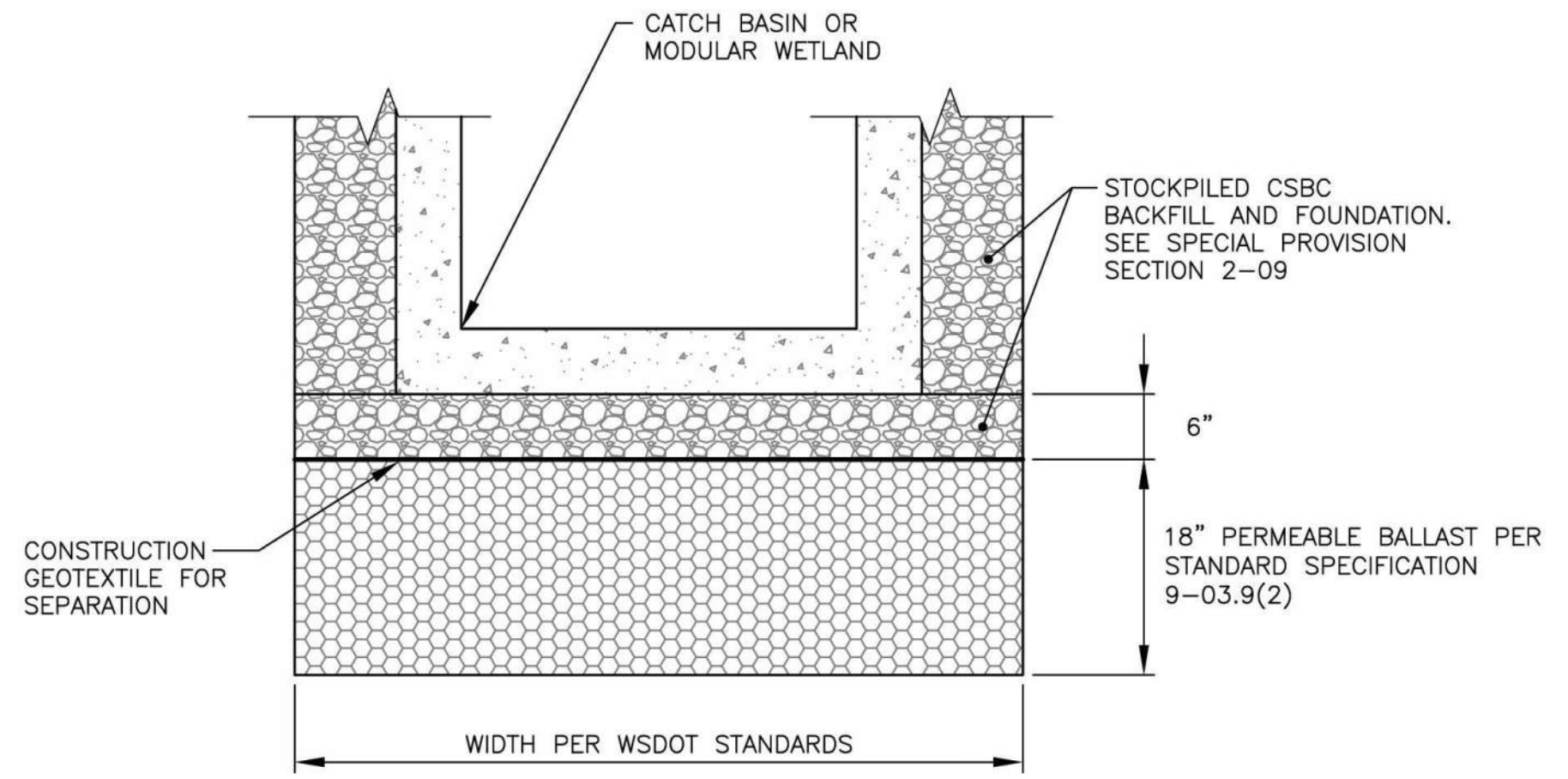
Drawing No. <b>DP1</b>
Sheet No. 22
41 of Total



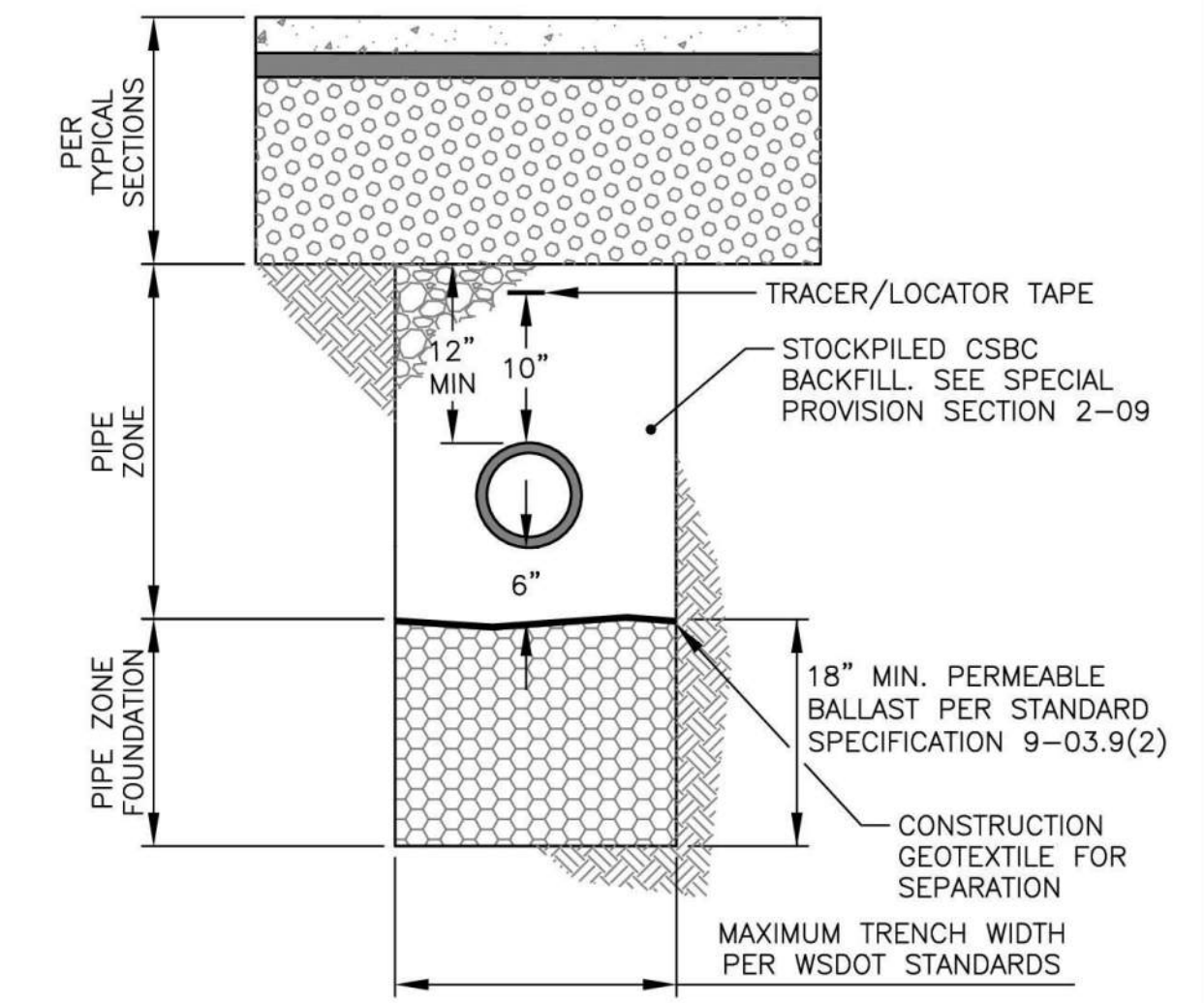


**ELEVATION VIEW**  
**UNDERDRAIN CLEANOUT 6 IN. DIAM. DETAIL**  
 N.T.S.

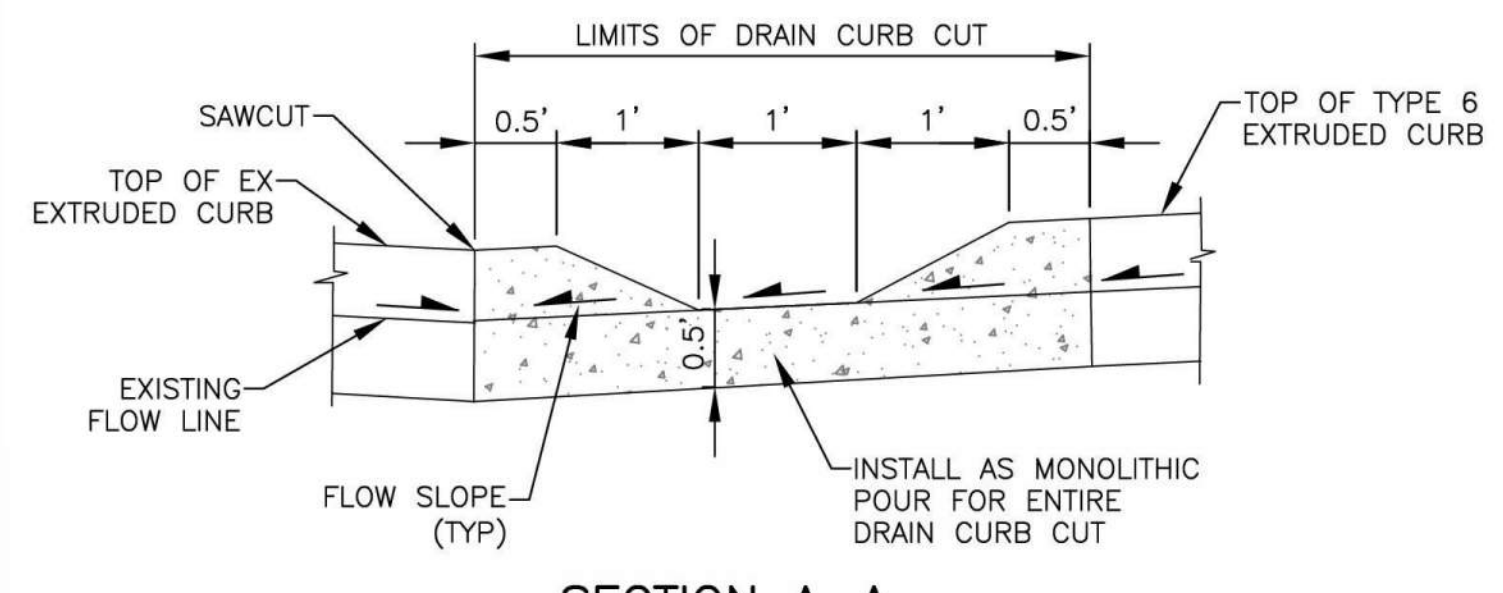
**NOTES:**  
 1. CLEAN-OUT PIPE AND FITTINGS SHALL BE PVC.  
 2. SEE SPECIAL PROVISION SECTION 7-01.



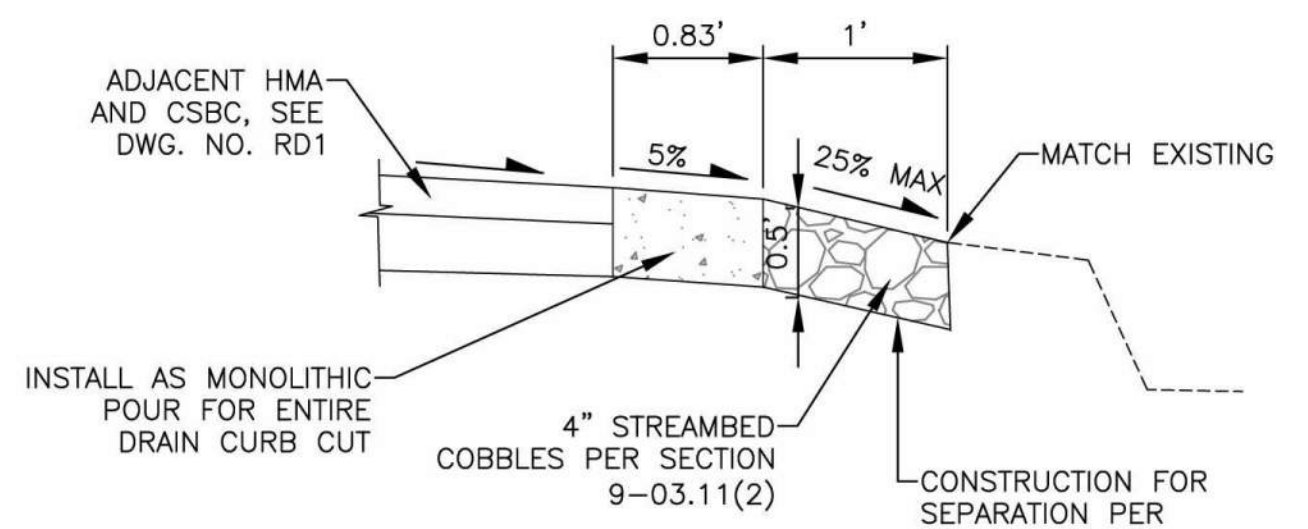
**DRAINAGE STRUCTURE FOUNDATION DETAIL**  
 N.T.S.



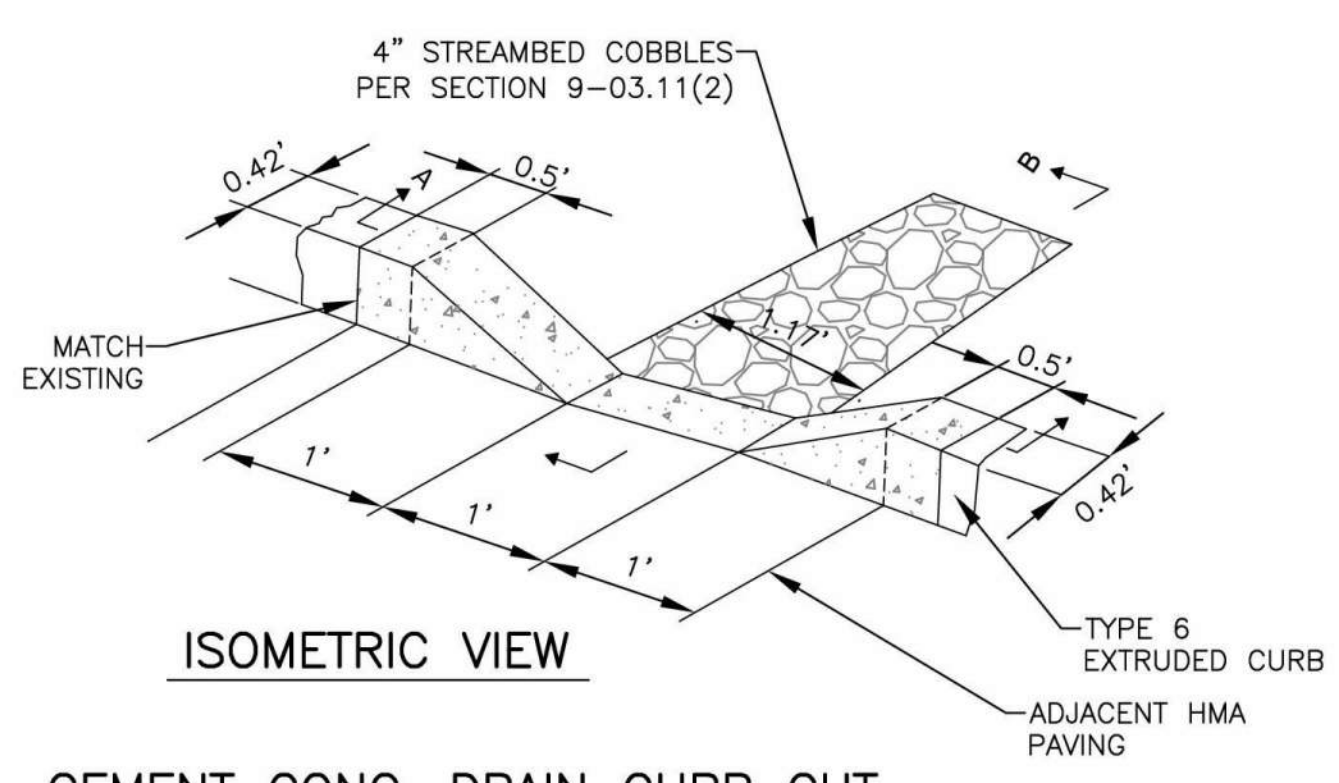
**UTILITY TRENCH DETAIL WITHIN FULL DEPTH REPLACEMENT**  
 N.T.S.



**SECTION A-A**



**SECTION B-B**



**CEMENT CONC. DRAIN CURB CUT**  
 N.T.S.

**NOTES:**  
 1. SEE SPECIAL PROVISION SECTION 8-04.

SITE SPECIFIC DATA			
PROJECT NUMBER	14933		
PROJECT NAME	VIKING WAY EXTENSION-PHASE 2		
PROJECT LOCATION	STANWOOD, WA		
TREATMENT REQUIRED		0.028	
VOLUME BASED (CF)		FLOW BASED (CFS)	
PEAK BYPASS REQUIRED (CFS) - IF APPLICABLE		0.421	
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE	6.34	DI	12"
OUTLET PIPE	5.00	N/K	12"
PRETREATMENT		BIOFILTRATION	
RIM ELEVATION	10.52	10.52	10.52
SURFACE LOAD	PEDESTRIAN	PEDESTRIAN	PEDESTRIAN
FRAME & COVER	#30"	#30"	N/A
WETLAND MEDIA VOLUME (CY)		0.75	
ORIFICE SIZE (DIA. INCHES)		4 EA #0.63"	
<b>NOTES:</b>			

**INSTALLATION NOTES**

- CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
- UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
- ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL GAPS AROUND PIPES SHALL BE SEALED WATER TIGHT WITH A NON-SHRINK GROUT PER MANUFACTURERS STANDARD CONNECTION DETAIL AND SHALL MEET OR EXCEED REGIONAL PIPE CONNECTION STANDARDS.
- CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES.
- CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE. DRIP OR SPRAY IRRIGATION REQUIRED ON ALL UNITS WITH VEGETATION. CONTRACTOR RESPONSIBLE FOR CONTACTING MODULAR WETLANDS FOR ACTIVATION OF UNIT. MANUFACTURES WARRANTY IS VOID WITH OUT PROPER ACTIVATION BY A MODULAR WETLANDS REPRESENTATIVE.

**GENERAL NOTES**

- MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS AND ACCESSORIES PLEASE CONTACT MANUFACTURER.

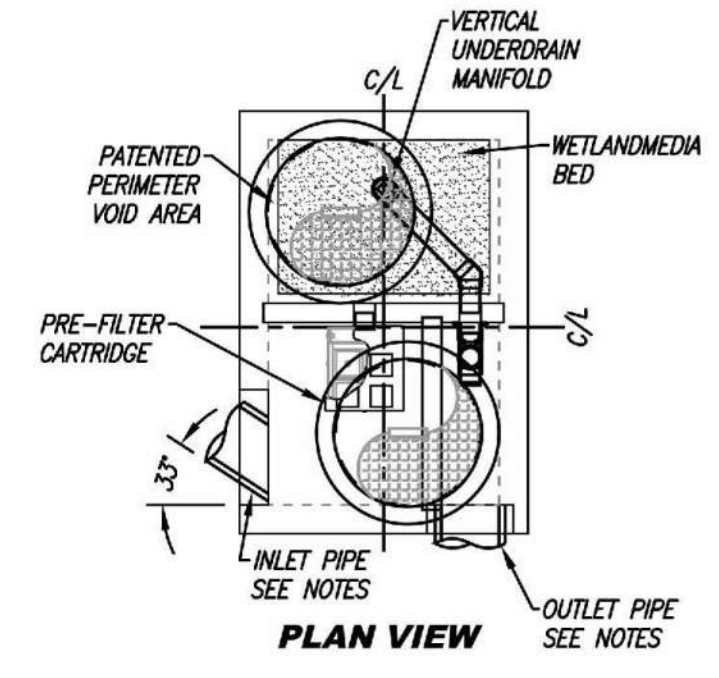
**INTERNAL BYPASS DISCLOSURE:**  
 THE DESIGN AND CAPACITY OF THE PEAK CONVEYANCE METHOD TO BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD. HGL(S) AT PEAK FLOW SHALL BE ASSESSED TO ENSURE NO UPSTREAM FLOODING. PEAK HGL AND BYPASS CAPACITY SHOWN ON DRAWING ARE USED FOR GUIDANCE ONLY.

THE PRODUCT DESCRIBED MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS: 7,425,262; 7,470,362; 7,574,378; 8,030,516. RELATED FOREIGN PATENTS OR OTHER PATENTS PENDING.

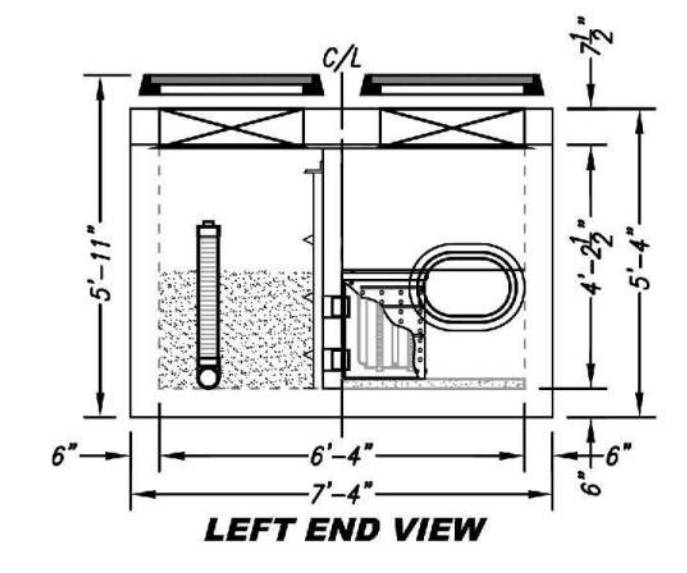
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MODULAR WETLANDS SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MODULAR WETLANDS SYSTEMS IS PROHIBITED.



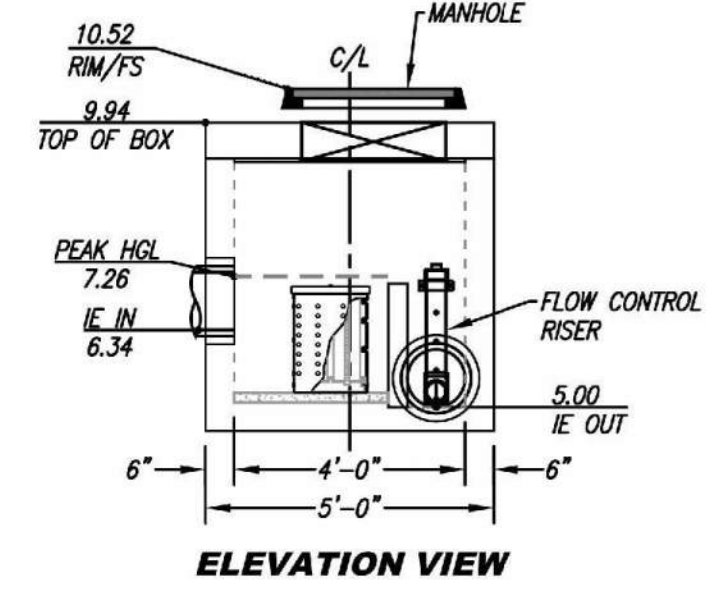
**MWS-L-4-6.33-4'-3"-V-UG**  
**STORMWATER BIOFILTRATION SYSTEM**  
**STANDARD DETAIL**



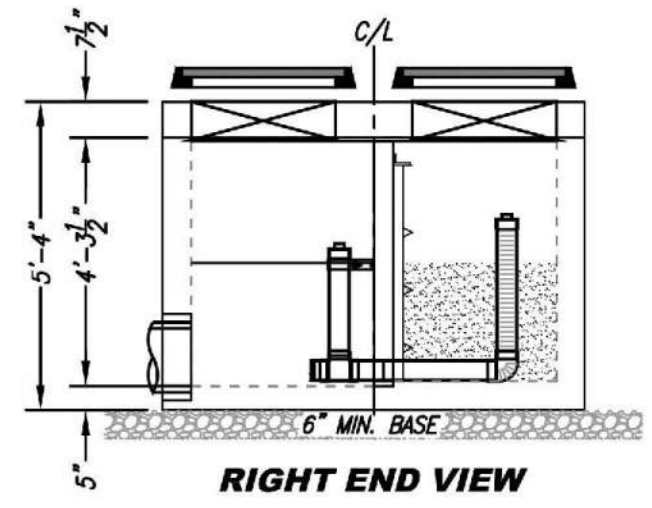
**PLAN VIEW**



**LEFT END VIEW**

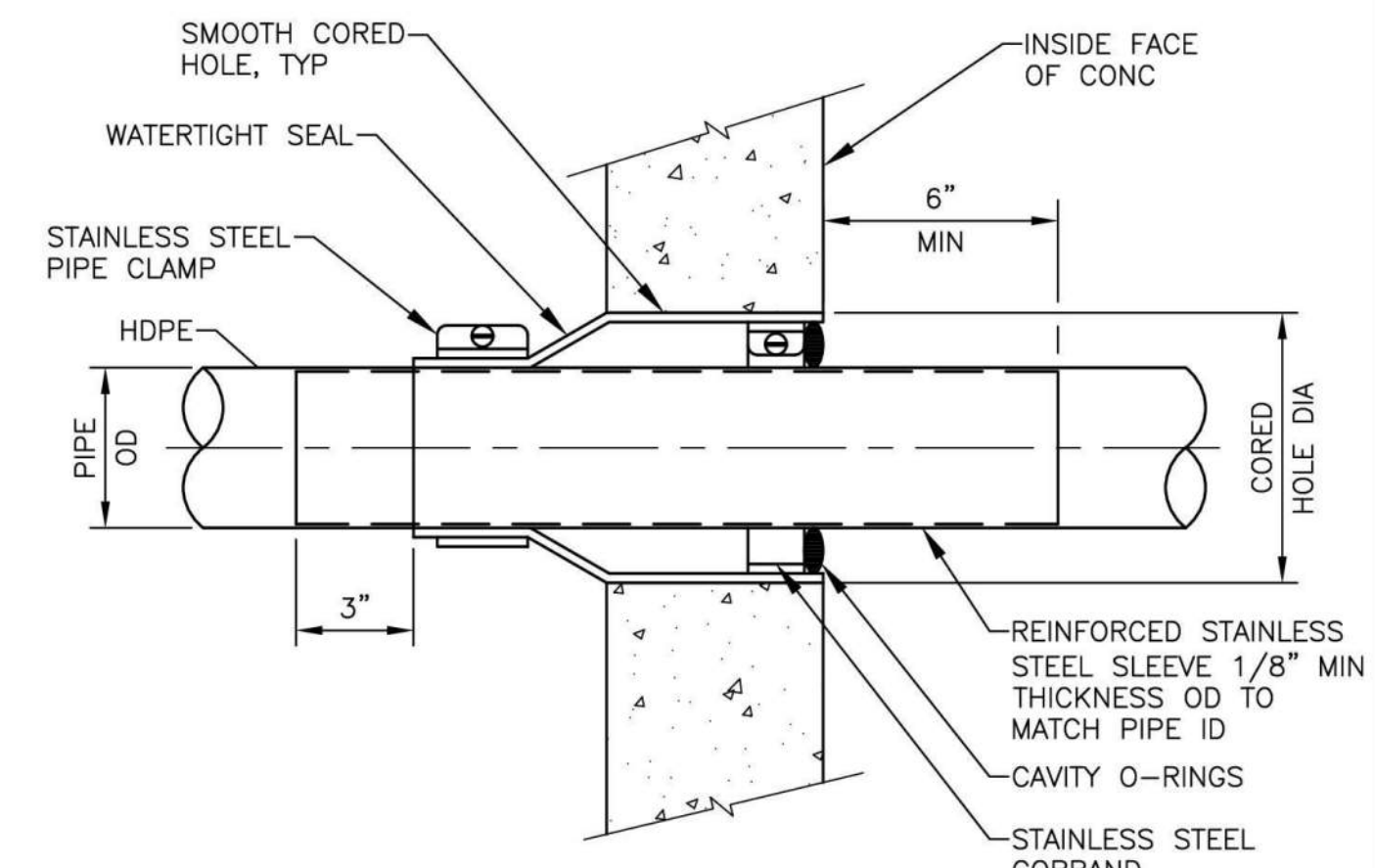


**ELEVATION VIEW**



**RIGHT END VIEW**

**MODULAR WETLAND 4 FT. X 6 FT. DETAIL**  
 N.T.S.



**FLEXIBLE PIPE TO STRUCTURE CONNECTION DETAIL**  
 N.T.S.

Apr 09, 2024 - 11:34am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032\_DD.dwg Layout Name: DD1

No.	Date	Revision	By	Appr.

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Drawn By	Date
N. EATON	04/09/2024
Designed By	
J. LEE	04/09/2024
Checked By	
R. GRANEN	04/09/2024
Approved By	
D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 DRAINAGE DETAILS

Drawing No.	DD1
Sheet No.	23
41 of Total	

Project Number  
 20200032.0000



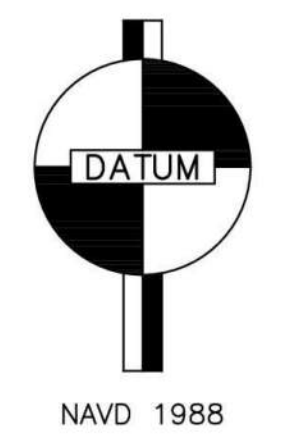
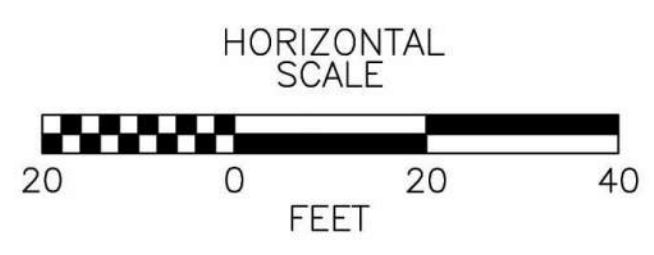
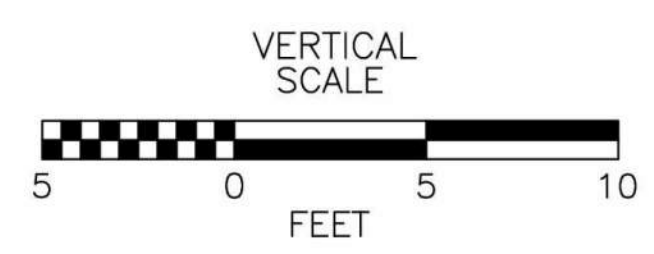
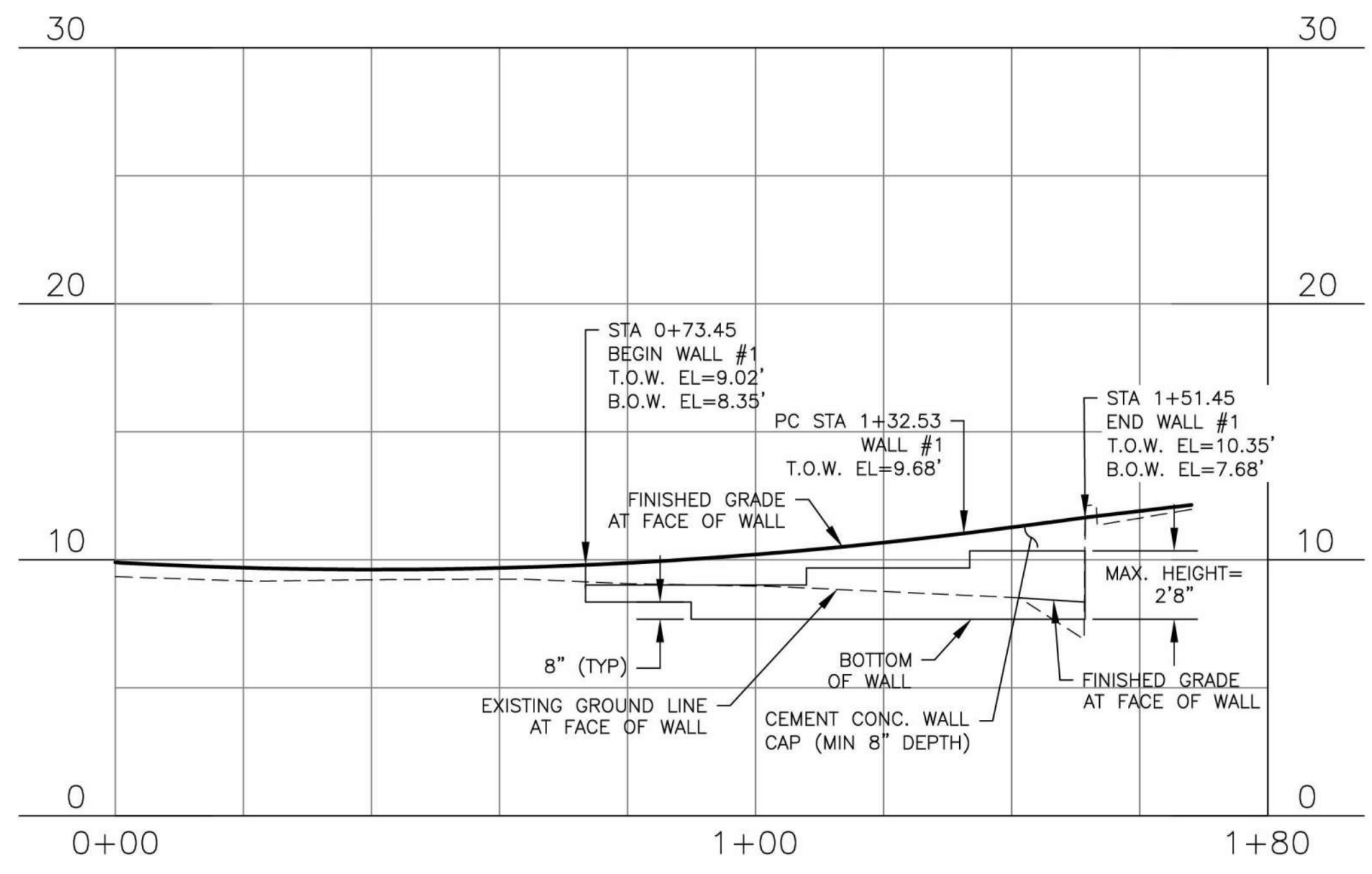
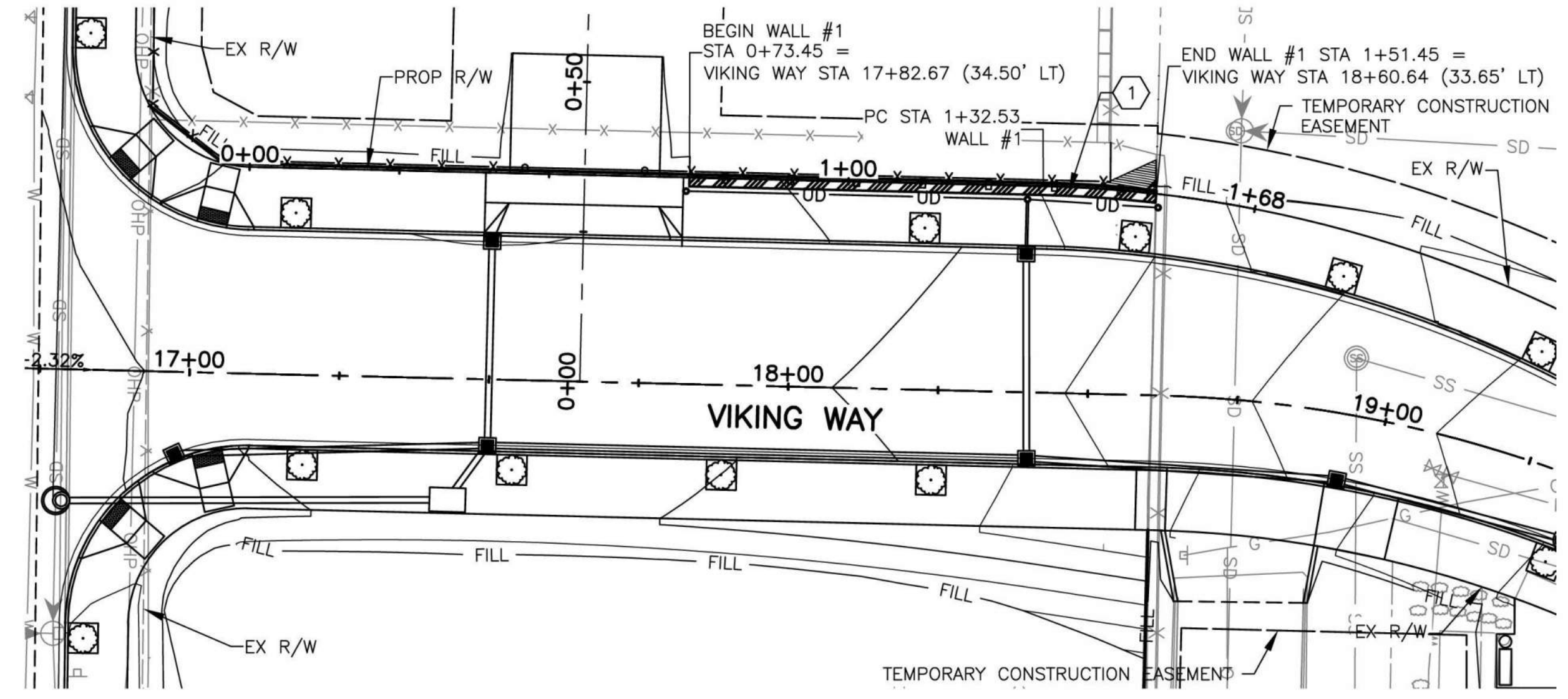
**CONSTRUCTION NOTES:**

- ① CONSTRUCT MODULAR BLOCK WALL PER DETAILS ON DWG. NO. WD1

**GENERAL NOTES**

- 1. ALL CONSTRUCTION SHALL CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
- 2. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL.
- 3. THE CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER, AND ADJACENT TO WALLS.

CURVE DATA				
PI STATION	DELTA	RADIUS	TANGENT	LENGTH
1+50.35	9°40'41"	210.50'	17.82'	35.56'



NAVD 1988

Apr 09, 2024 - 11:35am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 WP.dwg Layout Name: WP1

No.	Date	Revision	By	Appr.

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Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 WALL PLAN AND PROFILE

Drawing No. <b>WP1</b>
Sheet No. 24
41 of Total

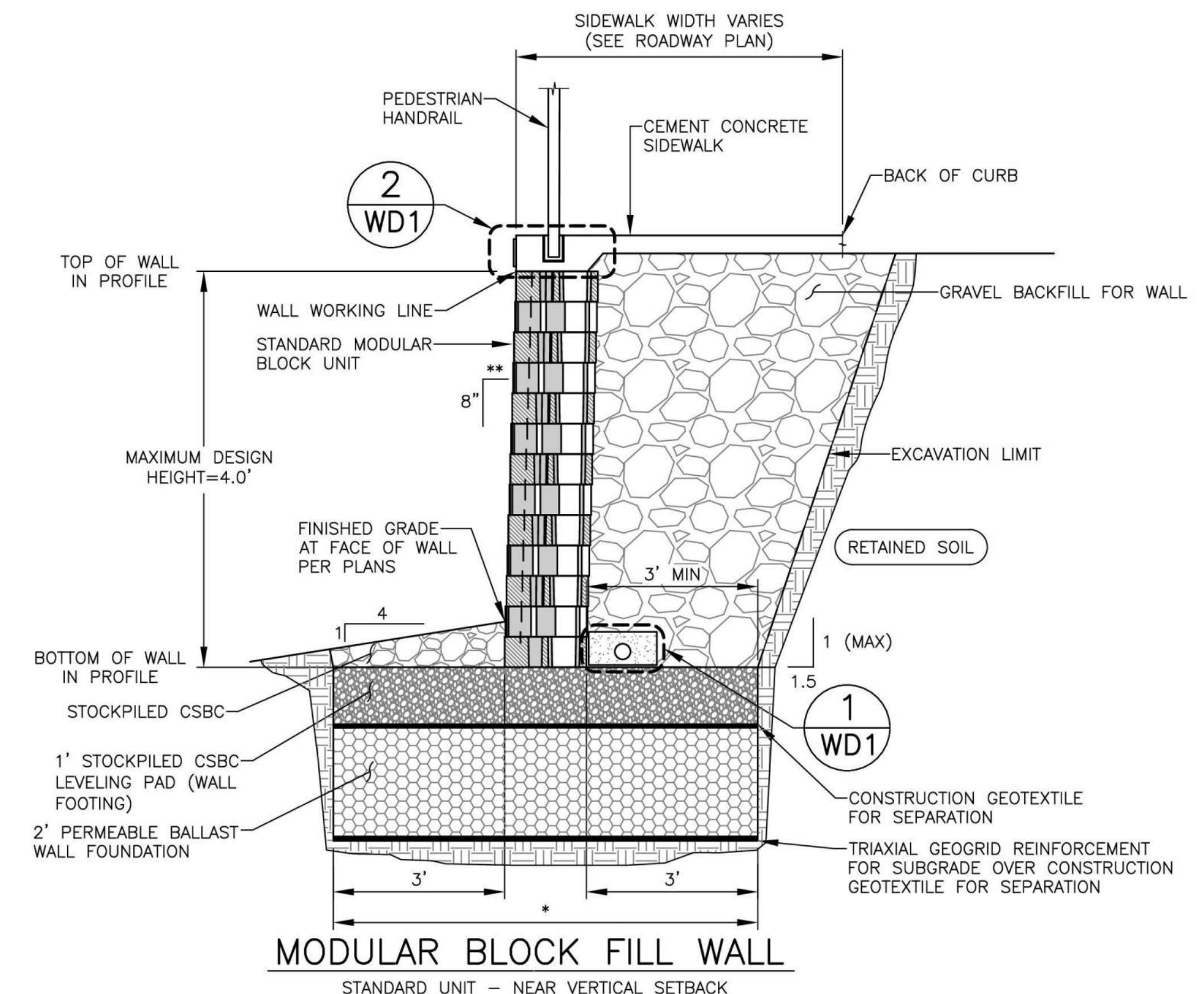


**GENERAL NOTES**

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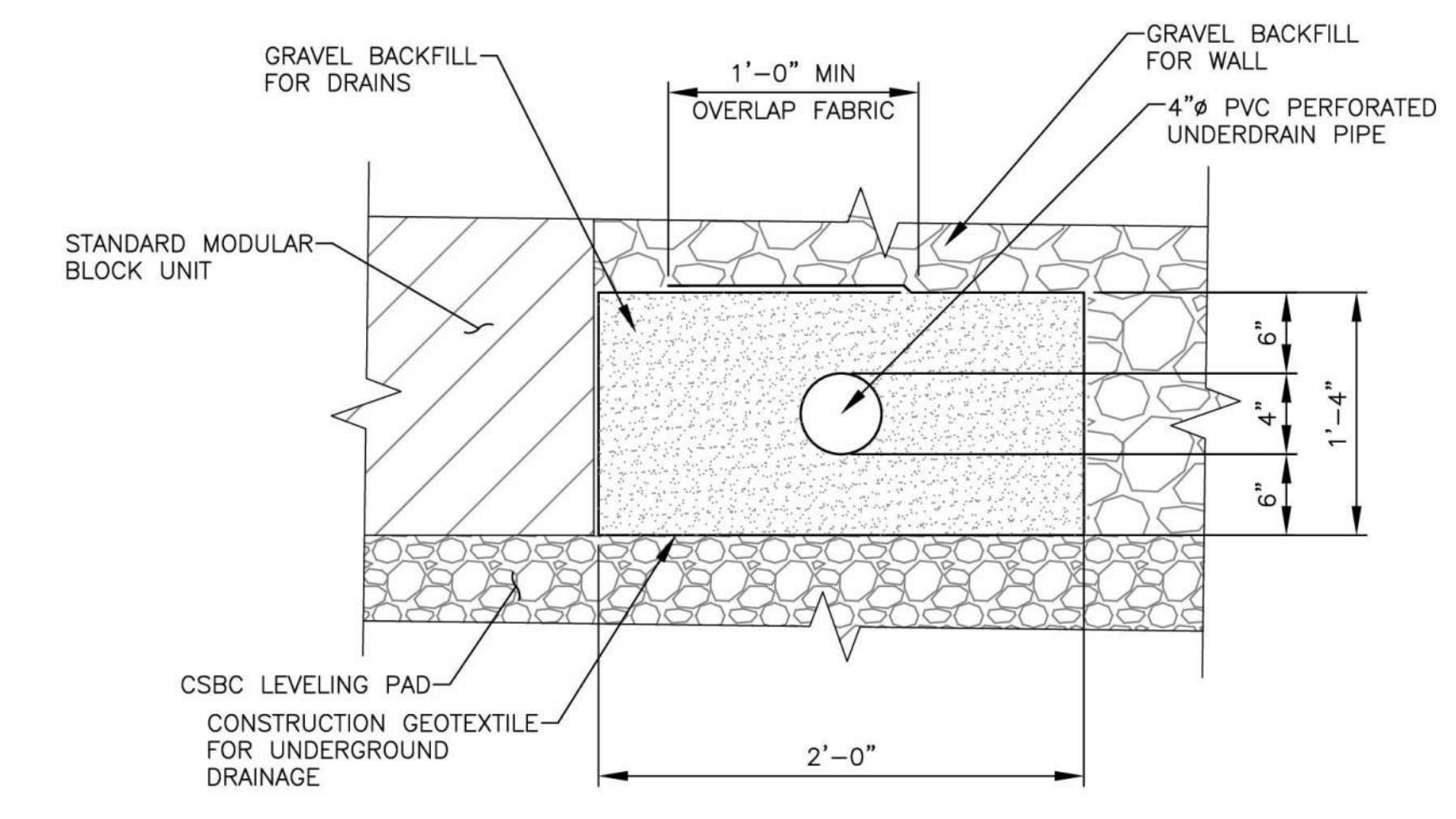
**MODULAR BLOCK WALL NOTES:**

1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES.
2. ALL DIMENSIONS ARE HORIZONTAL AND VERTICAL, UNLESS OTHERWISE SHOWN.
3. UNDERDRAIN PIPE SHALL CONSIST OF A 4-INCH DIAMETER (MINIMUM), PERFORATED PVC SDR 35 PIPE.
4. CONCRETE FOR BLOCKS WALLS SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE CL 3000 MINIMUM.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF ALL EXCAVATED SLOPES ASSOCIATED WITH THE CONSTRUCTION OF THE BLOCK WALLS. DESIGN AND CONSTRUCTION OF ANY REQUIRED TEMPORARY SUPPORT OR SHORING SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
6. BLOCK WALLS SHALL CONSIST OF PRECAST CONCRETE BLOCKS MANUFACTURED SPECIFICALLY FOR GRAVITY WALL SYSTEMS.
7. LEVELING PAD SHALL CONSIST OF 1 FOOT MINIMUM OF CRUSHED SURFACING BASE COURSE (CSBC) COMPACTED TO 95% MODIFIED PROCTOR DRY DENSITY.
8. THE BOTTOM ELEVATION OF THE FIRST COUSE OF BLOCKS SHALL NOT BE PLACED HIGHER THEN THE MINIMUM BOTTOM OF WALL ELEVATION SHOWN IN THE PLANS.
9. THE TOP ELEVATION OF THE TOP COURSE OF BLOCKS SHALL NOT BE PLACED LOWER THAN THE MINIMUM TOP OF WALL ELEVATION SHOWN IN THE PLANS.
10. CONTRACTOR SHALL DETERMINE THE FINAL WALL LAYOUT INCLUDING ALL BLOCK STEP LOCATIONS, END & CORNER DETAILS, AND CAP OR TOP BLOCK LAYOUT AND CONNECTIONS. BLOCK WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS.
11. WALL LEVELING PAD AND FOUNDATION SHALL EXTEND 3 FEET IN EVERY DIRECTION FROM EACH EDGE OF THE WALL BASE.

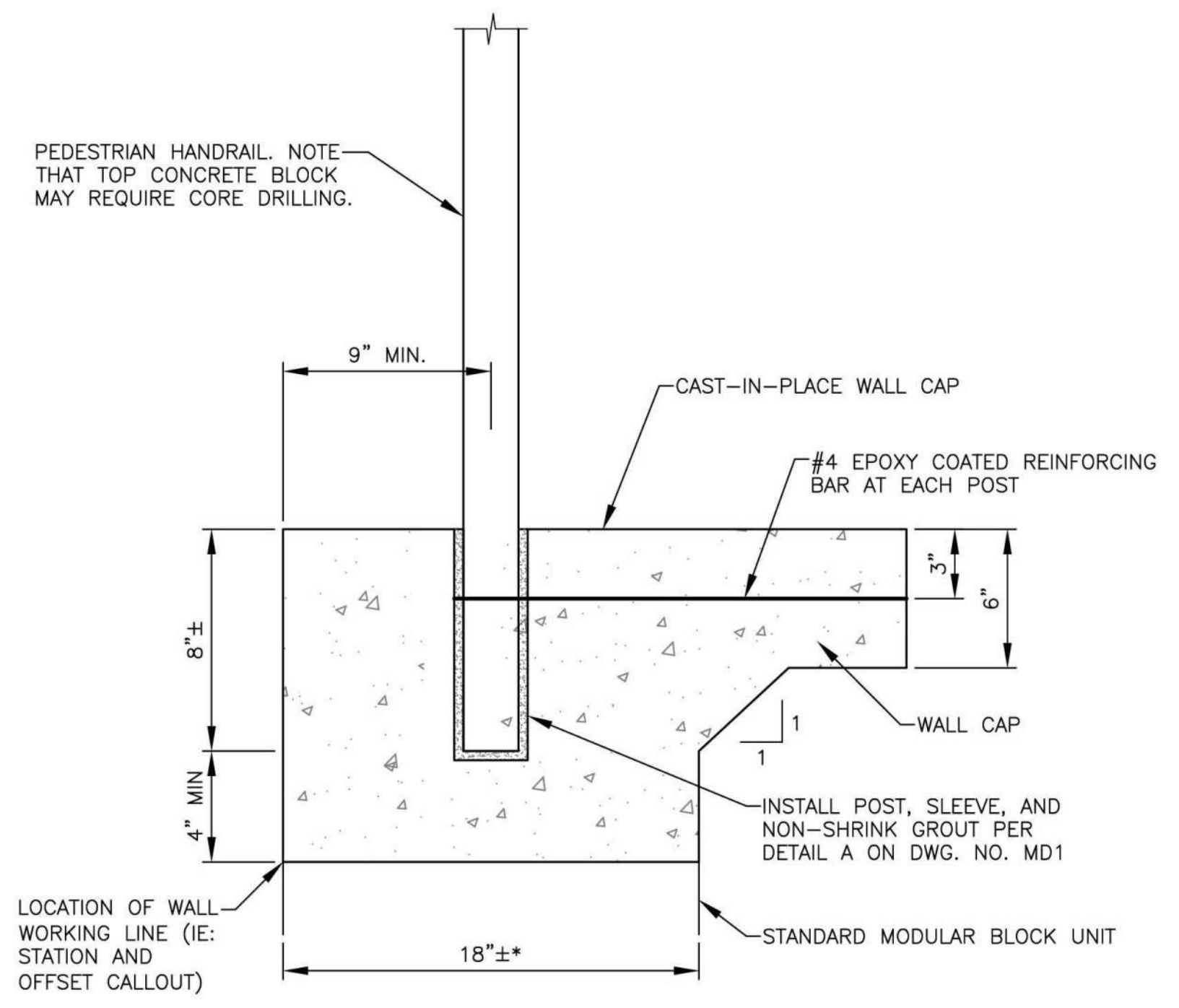


**MODULAR BLOCK FILL WALL**  
STANDARD UNIT - NEAR VERTICAL SETBACK  
N.T.S.

\* DIMENSIONS VARY DEPENDING ON WALL MANUFACTURER  
\*\* VARIES - 1/8" to 1"



**UNDERDRAIN PIPE DETAIL**  
N.T.S.



**CAST-IN-PLACE POST DETAIL**  
N.T.S.

\*DIMENSIONS MAY VARY DEPENDING ON BLOCK MANUFACTURER

Apr 09, 2024 - 11:35am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 WD.dwg Layout Name: WD1

No.	Date	Revision	By	Appr.

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**CITY OF STANWOOD**

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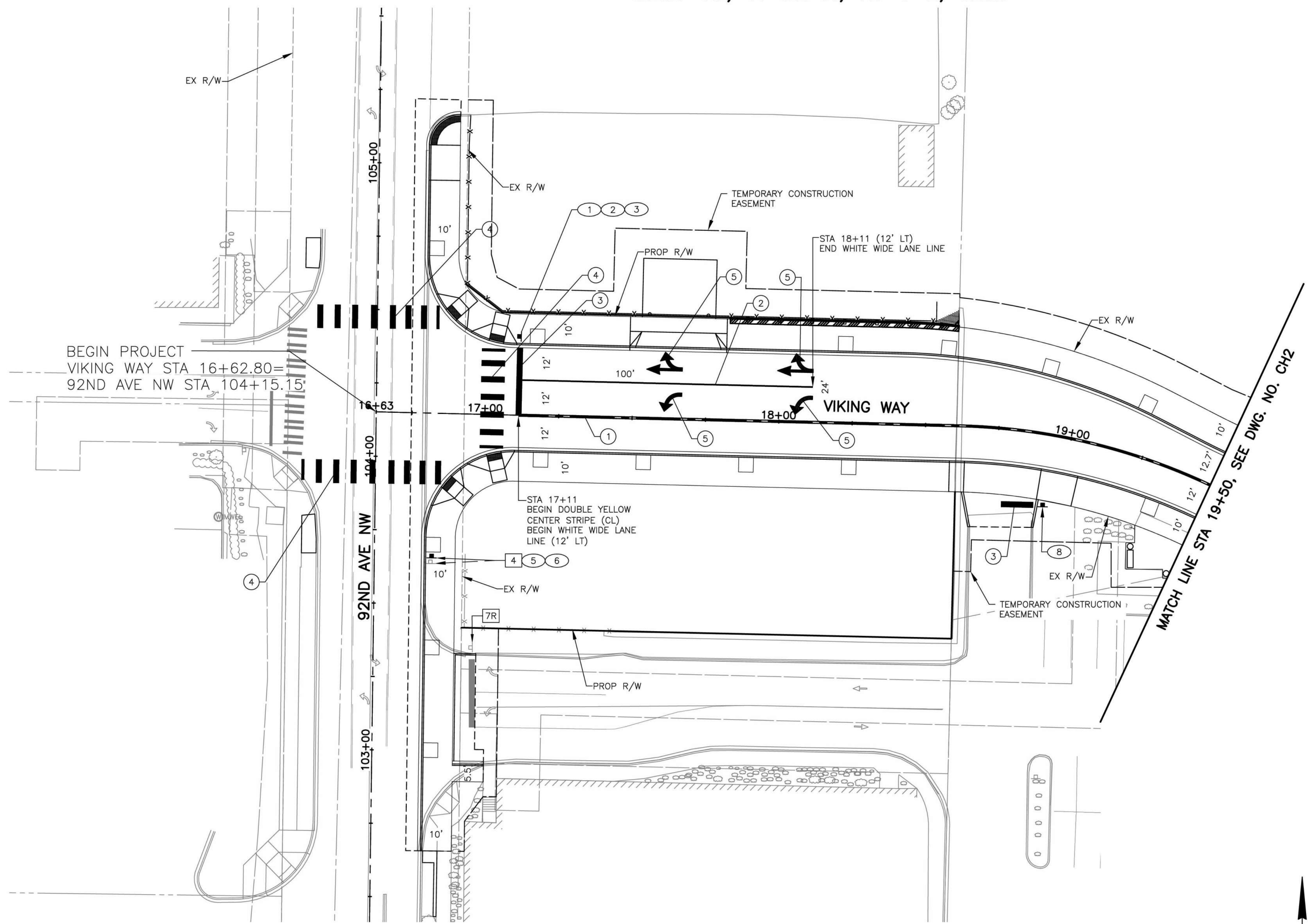
**RUSSELL DANIEL CRAVEN**  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54877  
04/10/2024

Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
WALL DETAILS

Drawing No. <b>WD1</b>
Sheet No. 25
41 of Total





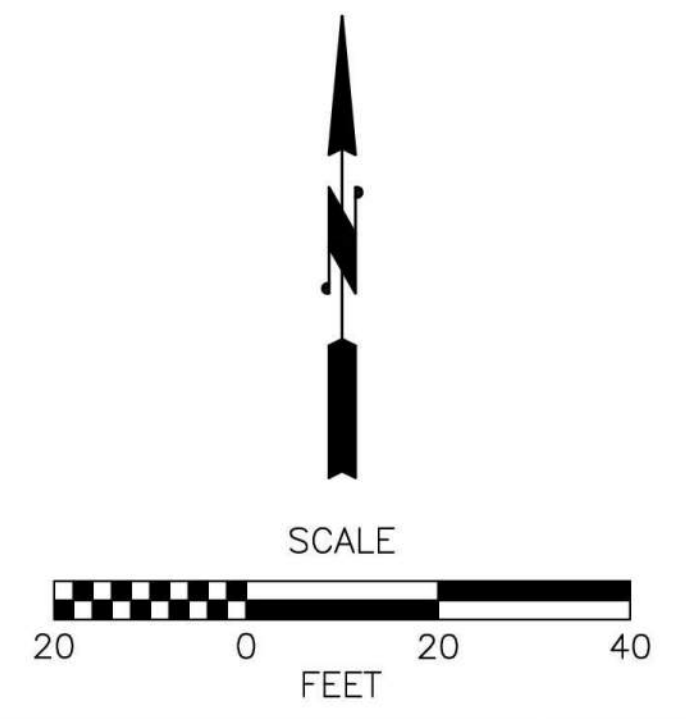
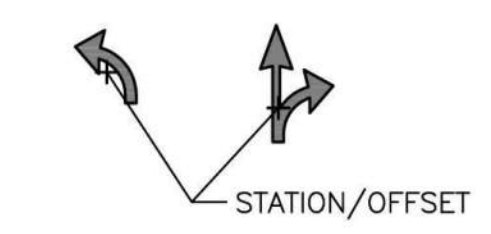
- CHANNELIZATION NOTES:**
- ① DOUBLE YELLOW CENTER STRIPE, PER CITY OF STANWOOD STD. PLAN T-9.
  - ② PLASTIC WHITE WIDE SOLID LANE LINE, PER WSDOT STD. PLAN M-20.10.
  - ③ THERMOPLASTIC STOP LINE, PER WSDOT STD. PLAN M-24.60.
  - ④ THERMOPLASTIC CROSSWALK LINE, PER WSDOT STD. PLAN M-15.10.
  - ⑤ PLASTIC TRAFFIC ARROW, PER CITY OF STANWOOD STD. PLAN T-10.

- GENERAL NOTES:**
1. SEE DWG. NO. CH2 FOR SIGN SCHEDULE.

- SIGN LEGEND**
- (X) - NEW SIGN
  - XXR - REMOVE EXISTING SIGN
  - (XX) (NEW LOCATION) EXISTING SIGN ASSEMBLY TO BE RELOCATED
  - (XX) (EXISTING LOCATION)
  - - NEW SIGN
  - ▢ - EXISTING SIGN

**CHANNELIZATION SYMBOL SCHEDULE**

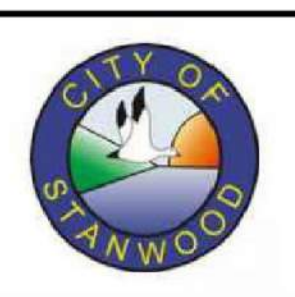
SYMBOL	STATION	OFFSET	
	17+63	6.0'	LT
	18+08	6.0'	LT
	17+63	17.0'	LT
	18+08	6.0'	LT



Apr 09, 2024 - 11:36am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 CH.dwg Layout Name: CH1

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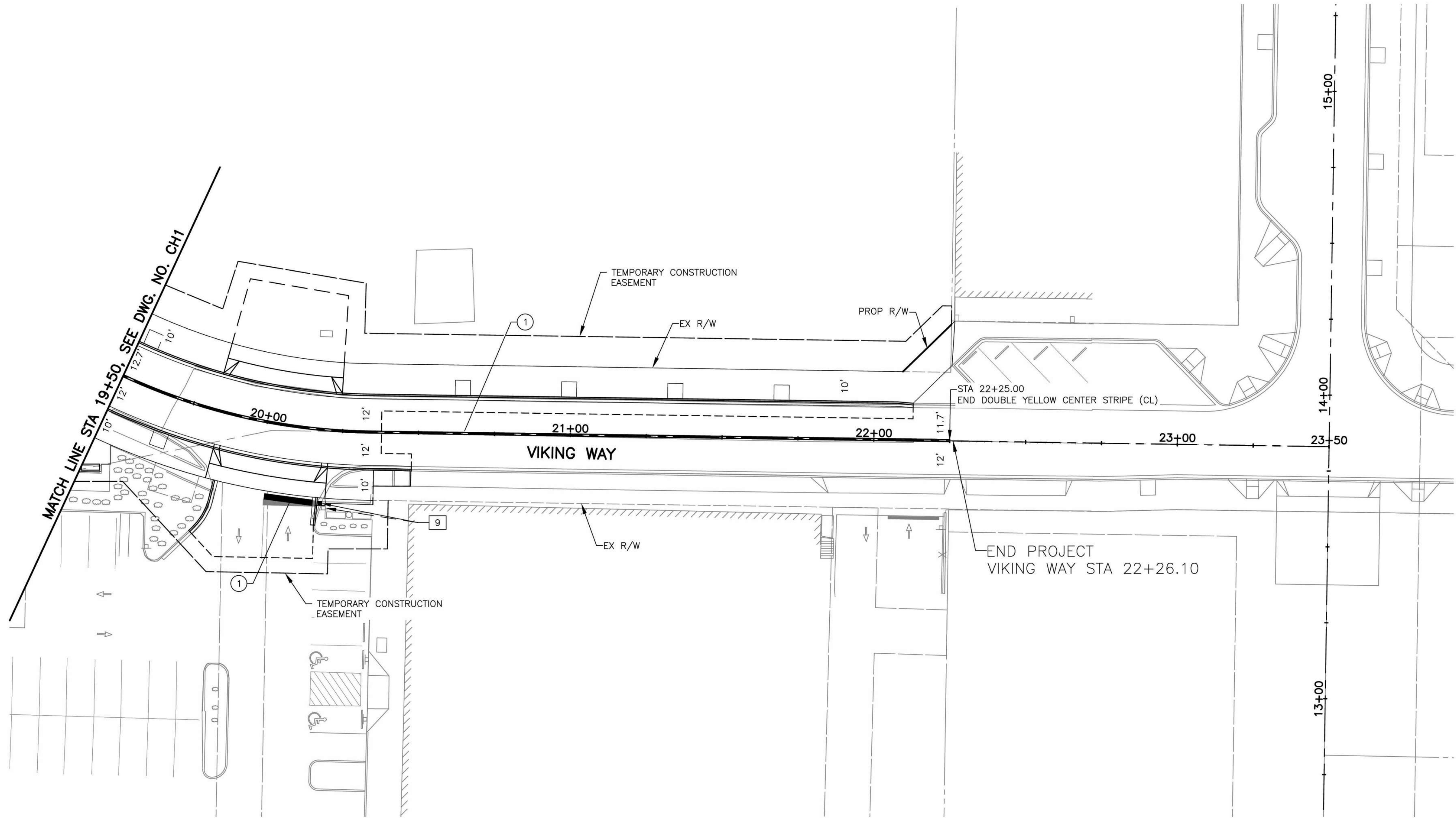


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Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
CHANNELIZATION & SIGNING PLAN

Drawing No. <b>CH1</b>
Sheet No. 26
41 of Total





- CHANNELIZATION NOTES:**
- ① DOUBLE YELLOW CENTER STRIPE, PER CITY OF STANWOOD STD. PLAN T-9.
  - ② PLASTIC WHITE WIDE SOLID LANE LINE, PER WSDOT STD. PLAN M-20.10.
  - ③ THERMOPLASTIC STOP LINE, PER WSDOT STD. PLAN M-24.60.
  - ④ THERMOPLASTIC CROSSWALK LINE, PER WSDOT STD. PLAN M-15.10.
  - ⑤ PLASTIC TRAFFIC ARROW, PER CITY OF STANWOOD STD. PLAN T-10.

- GENERAL NOTES:**
- 1. SEE DWG. NO. CH2 FOR SIGN SCHEDULE.

- SIGN LEGEND**
- (X) - NEW SIGN
  - XXR - REMOVE EXISTING SIGN
  - XX (NEW LOCATION) - EXISTING SIGN ASSEMBLY TO BE RELOCATED
  - XX (EXISTING LOCATION)
  - - NEW SIGN
  - ▢ - EXISTING SIGN

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE		POST TYPE	DESCRIPTION	REMARKS
				W (IN.)	H (IN.)			
1	17+11	27' LT	R1-1	30	30	METAL	STOP SIGN	INSTALL NEW SIGN ON ILLUMINATION POLE
2	17+11	27' LT	D3-1		8		VIKING WAY	MOUNT NEW SIGN ABOVE SIGN NO. 1
3	17+11	27' LT	D3-1		8		92ND AVE NW	MOUNT NEW SIGN ABOVE SIGN NO. 2
4	103+66	20' RT	EXISTING			METAL	VISITOR CENTER	INSTALL NEW SIGN AND POST
5	103+66	20' RT	D3-1		8		VIKING WAY	MOUNT NEW SIGN ABOVE SIGN NO. 4
6	103+66	20' RT	D3-1		8		92ND AVE NW	MOUNT NEW SIGN ABOVE SIGN NO. 5
7R	103+35	33' RT	EXISTING			METAL	STOP SIGN	REMOVE EXISTING SIGN AND POST
8	18+94	24' RT	R1-1	30	30	METAL	STOP SIGN	INSTALL NEW SIGN AND POST
9	20+20	24' RT	EXISTING			METAL	STOP SIGN	RELOCATE EXISTING SIGN ON NEW POST

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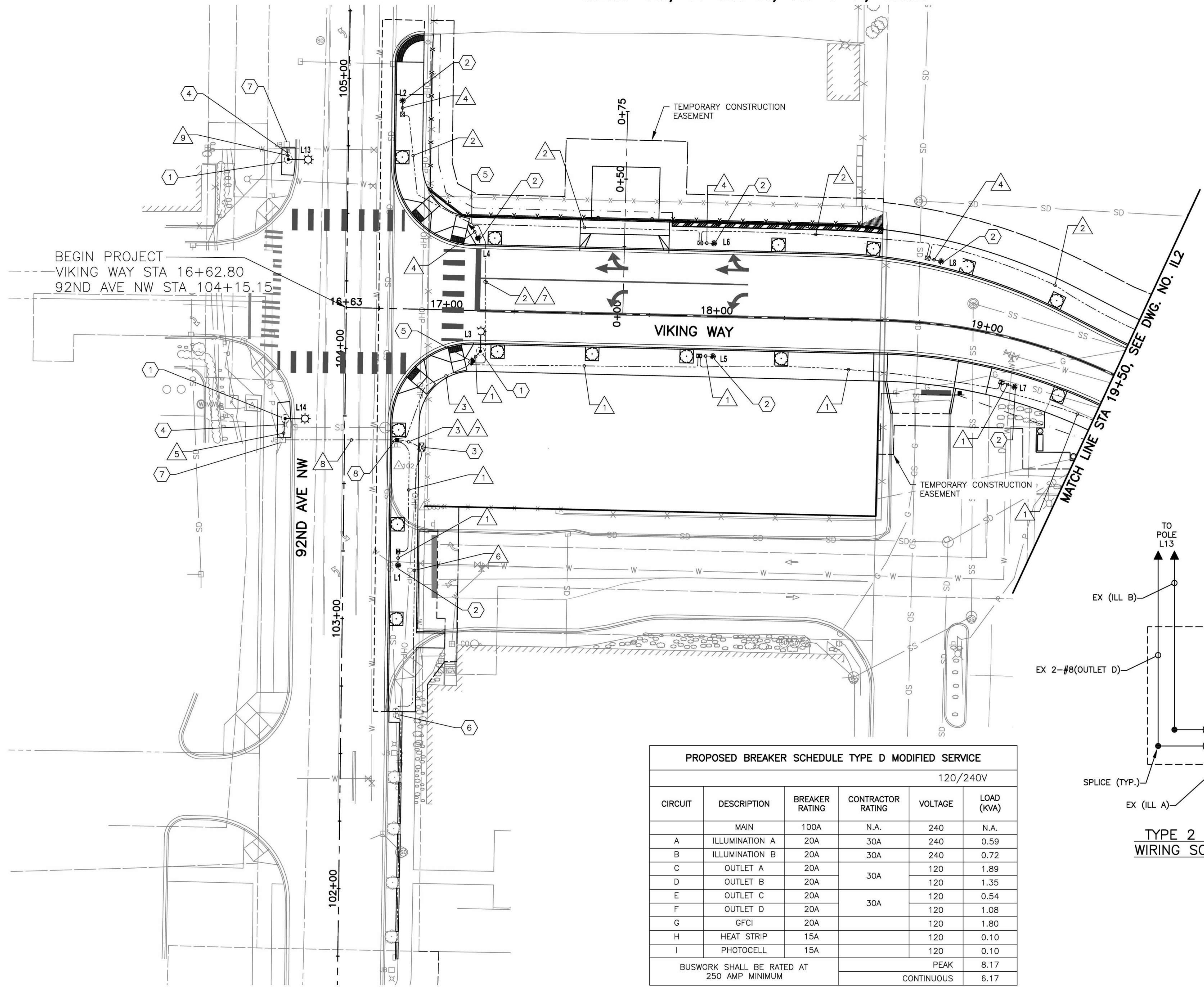


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 CHANNELIZATION & SIGNING PLAN

Drawing No. <b>CH2</b>
Sheet No. 27
41 of Total



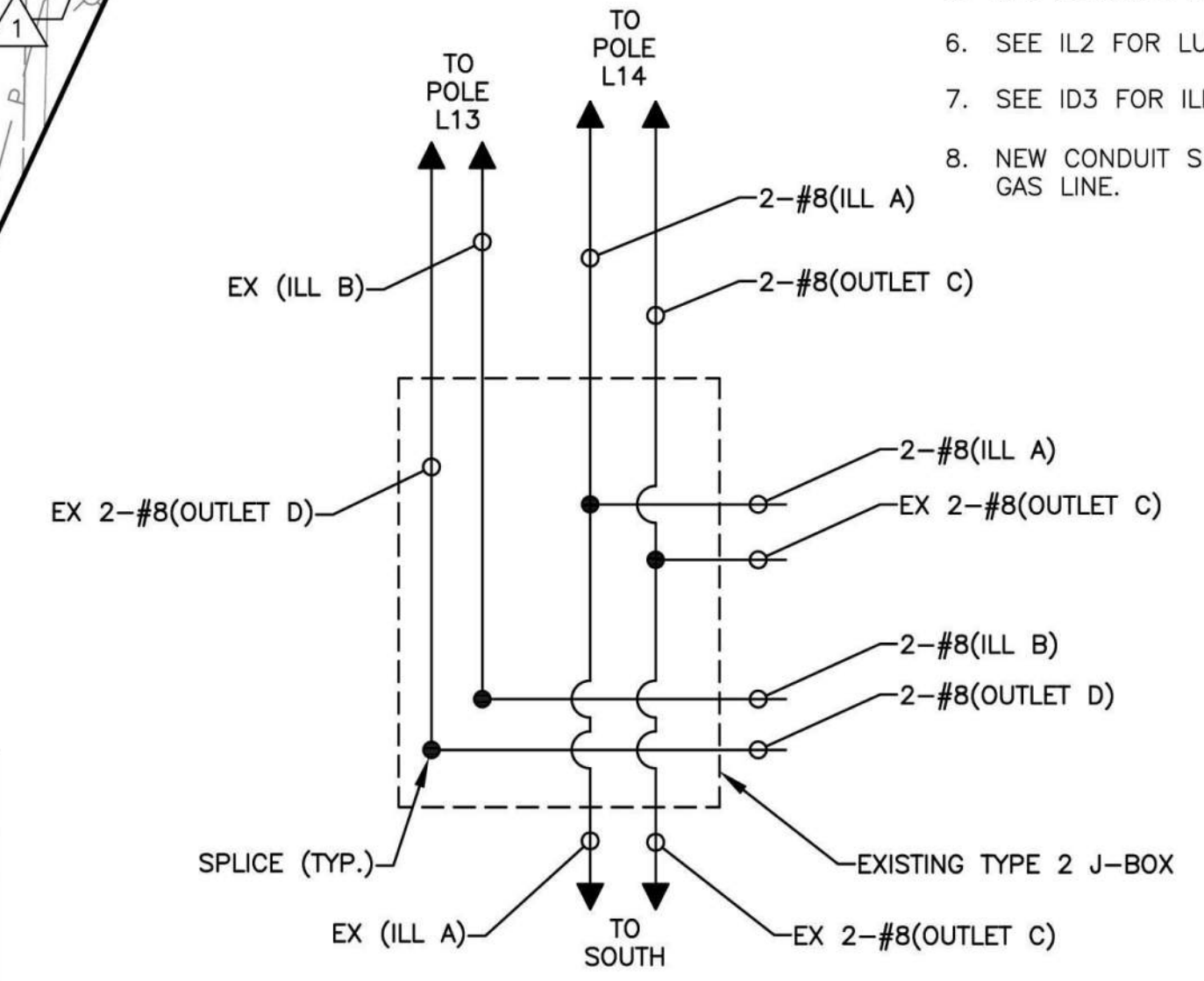


**ILLUMINATION NOTES:**

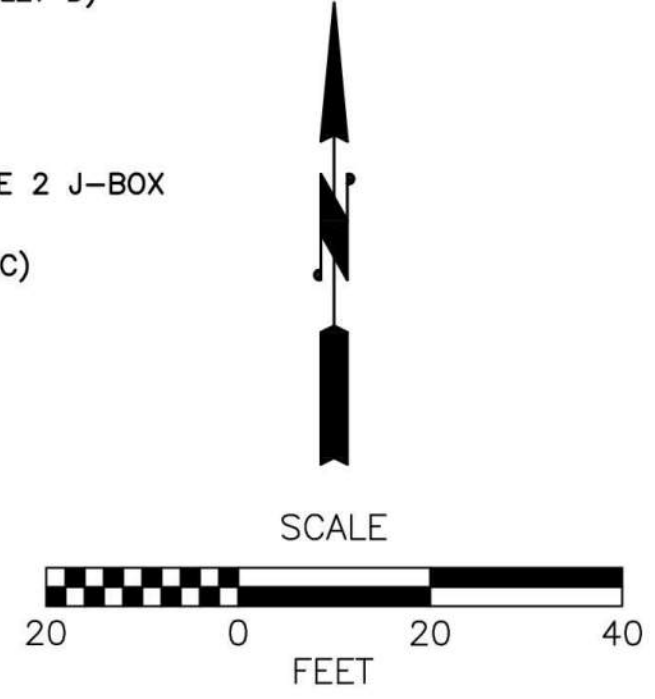
- 1 CONSTRUCT FOUNDATION PER DETAILS ON SHEET ID3. ADJUST BOLT PATTERN TO MATCH POLE MANUFACTURER PROVIDED TEMPLATE/PATTERN. FURNISH AND INSTALL ROADWAY LIGHT STANDARD PER SPECIAL PROVISIONS, ONE (1) MAST ARM, ONE (1) LED FIXTURE, INCLUDING MOUNTINGS, ONE (1) OUTLET, AND ONE (1) BANNER HANGER.
- 2 CONSTRUCT FOUNDATION PER DETAILS ON SHEET ID3. ADJUST BOLT PATTERN TO MATCH POLE MANUFACTURER PROVIDED TEMPLATE/PATTERN. FURNISH AND INSTALL PEDESTRIAN LIGHT STANDARD PER SPECIAL PROVISIONS, ONE (1) LED FIXTURE, INCLUDING MOUNTINGS, ONE (1) OUTLET, AND ONE (1) BANNER HANGER.
- 3 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-10.10, MATCH PROPOSED SIDEWALK ELEVATION. FURNISH AND INSTALL SERVICE CABINET TYPE D MODIFIED PER WSDOT STD. PLAN J-10.21 AND PER DETAIL ON DWG. ID2. SEAL CABINET TO FOUNDATION WITH 1/2" BEAD OF SILICONE.
- 4 REMOVE EXISTING LIGHT POLE AND FIXTURE. REMOVE EXISTING CONDUCTORS FROM LIGHT FIXTURE TO SPLICE IN JUNCTION BOX.
- 5 INSTALL JUNCTION BOX TYPE 2 PER WSDOT STD. PLAN J-40.10 AND CITY OF STANWOOD DRAWING NO T-11.
- 6 CONTRACTOR TO INSTALL 1-2" IN EXISTING CABINET PER PUD STANDARDS. COORDINATE WITH PUD FOR INSTALLATION.
- 7 EXTEND PROPOSED CONDUIT INTO JUNCTION BOX. INSTALL NEW CONDUCTORS FROM PROPOSED LIGHT FIXTURE TO JUNCTION BOX PER WIRE SCHEDULE. FOR POLE 14, SPLICE TO EXISTING WIRES PER DETAIL, DWG. NO. IL1.
- 8 SPLICE EX CONDUCTORS TO NEW CONDUCTORS FOR CIRCUIT E (OUTLET C).

**NOTES:**

1. EXACT CABINET LAYOUT SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO BEGINNING OF WORK.
2. ILLUMINATION CONDUITS TO BE ROUTED AROUND TREE PITS OR OTHER OBJECTS IN PLANTER STRIP.
3. SCH 80 CONDUIT WILL BE USED UNDER DRIVEWAYS AND PARKING SPACES.
4. ALL CONDUIT IS SCHEDULE 40 UNLESS OTHERWISE NOTED.
5. ALL JUNCTION BOXES ARE TYPE 1 UNLESS OTHERWISE NOTED.
6. SEE IL2 FOR LUMINAIRE AND ILLUMINATION WIRING SCHEDULES.
7. SEE ID3 FOR ILLUMINATION POLE FOUNDATION DETAILS.
8. NEW CONDUIT SHALL BE INSTALLED A MINIMUM OF 1' FROM RELOCATED GAS LINE.



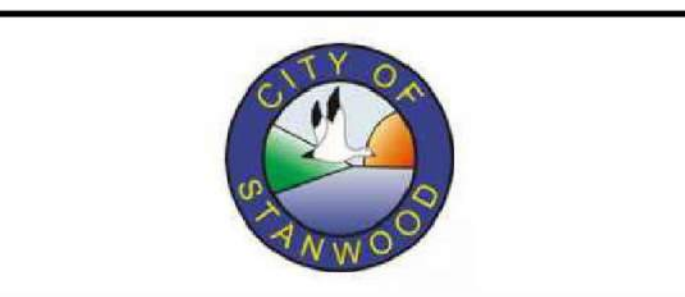
PROPOSED BREAKER SCHEDULE TYPE D MODIFIED SERVICE					
120/240V					
CIRCUIT	DESCRIPTION	BREAKER RATING	CONTRACTOR RATING	VOLTAGE	LOAD (KVA)
	MAIN	100A	N.A.	240	N.A.
A	ILLUMINATION A	20A	30A	240	0.59
B	ILLUMINATION B	20A	30A	240	0.72
C	OUTLET A	20A	30A	120	1.89
D	OUTLET B	20A	30A	120	1.35
E	OUTLET C	20A	30A	120	0.54
F	OUTLET D	20A	30A	120	1.08
G	GFCI	20A		120	1.80
H	HEAT STRIP	15A		120	0.10
I	PHOTOCELL	15A		120	0.10
BUSWORK SHALL BE RATED AT 250 AMP MINIMUM				PEAK	8.17
				CONTINUOUS	6.17



Apr 10, 2024 - 3:02pm Kevin.Cronenwett C:\Users\KEVIN~1\OneDrive\Temp\AcPublish\_229572\20200032\_IL.dwg Layout Name: IL1

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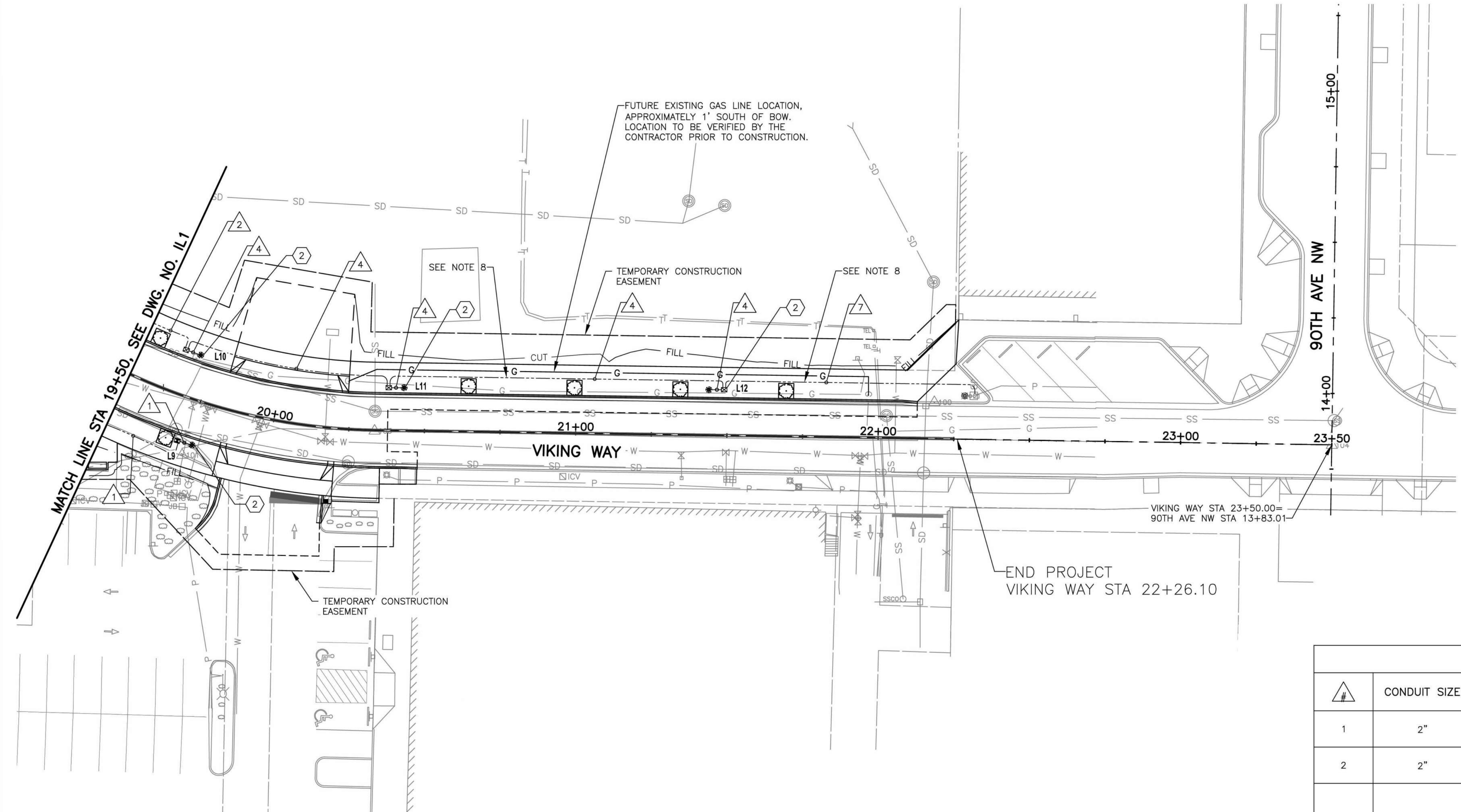


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAMEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 ILLUMINATION PLAN

Drawing No. <b>IL1</b>
Sheet No. 28
41 of Total



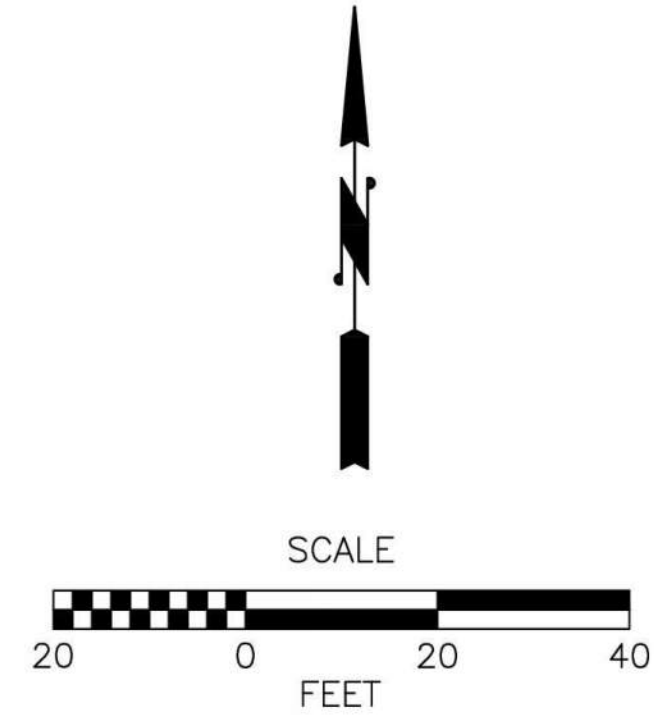


- ILLUMINATION NOTES:**
1. CONSTRUCT FOUNDATION PER DETAILS ON SHEET ID3. ADJUST BOLT PATTERN TO MATCH POLE MANUFACTURER PROVIDED TEMPLATE/PATTERN. FURNISH AND INSTALL ROADWAY LIGHT STANDARD PER SPECIAL PROVISIONS, ONE (1) MAST ARM, ONE (1) LED FIXTURE, INCLUDING MOUNTINGS, ONE (1) OUTLET, AND ONE (1) BANNER HANGER.
  2. CONSTRUCT FOUNDATION PER DETAILS ON SHEET ID3. ADJUST BOLT PATTERN TO MATCH POLE MANUFACTURER PROVIDED TEMPLATE/PATTERN. FURNISH AND INSTALL PEDESTRIAN LIGHT STANDARD PER SPECIAL PROVISIONS, ONE (1) LED FIXTURE, INCLUDING MOUNTINGS, ONE (1) OUTLET, AND ONE (1) BANNER HANGER.
  3. CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-10.10, MATCH PROPOSED SIDEWALK ELEVATION. FURNISH AND INSTALL SERVICE CABINET TYPE D MODIFIED PER WSDOT STD. PLAN J-10.21 AND PER DETAIL ON DWG. ID2. SEAL CABINET TO FOUNDATION WITH 1/2" BEAD OF SILICONE.
  4. REMOVE EXISTING LIGHT POLE AND FIXTURE. REMOVE EXISTING CONDUCTORS FROM LIGHT FIXTURE TO SPLICE IN JUNCTION BOX.
  5. INSTALL JUNCTION BOX TYPE 2 PER WSDOT STD. PLAN J-40.10 AND CITY OF STANWOOD DRAWING NO T-11.
  6. CONTRACTOR TO INSTALL 1-2" IN EXISTING CABINET PER PUD STANDARDS. COORDINATE WITH PUD FOR INSTALLATION.
  7. EXTEND PROPOSED CONDUIT INTO JUNCTION BOX. INSTALL NEW CONDUCTORS FROM PROPOSED LIGHT FIXTURE TO JUNCTION BOX PER WIRE SCHEDULE. FOR POLE 14, SPLICE TO EXISTING WIRES PER DETAIL, DWG. NO. IL1.
  8. SPLICE EX CONDUCTORS TO NEW CONDUCTORS FOR CIRCUIT E (OUTLET C).

- NOTES:**
1. EXACT CABINET LAYOUT SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO BEGINNING OF WORK.
  2. ILLUMINATION CONDUITS TO BE ROUTED AROUND TREE PITS OR OTHER OBJECTS IN PLANTER STRIP.
  3. SCH 80 CONDUIT WILL BE USED UNDER DRIVEWAYS AND PARKING SPACES.
  4. ALL CONDUIT IS SCHEDULE 40 UNLESS OTHERWISE NOTED.
  5. ALL JUNCTION BOXES ARE TYPE 1 UNLESS OTHERWISE NOTED.
  6. SEE IL2 FOR LUMINAIRE AND ILLUMINATION WIRING SCHEDULES.
  7. SEE ID3 FOR ILLUMINATION POLE FOUNDATION DETAILS.
  8. NEW CONDUIT SHALL BE INSTALLED A MINIMUM OF 1' FROM RELOCATED GAS LINE.

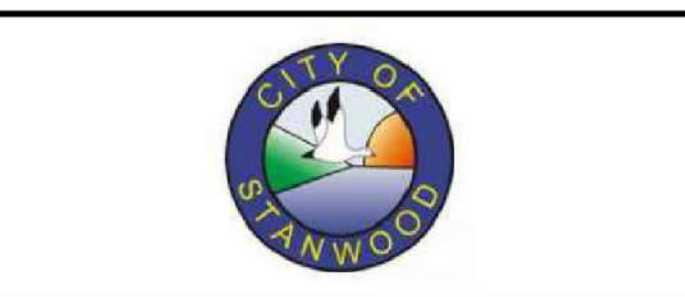
LUMINAIRE NO.	LOCATION		MOUNTING HEIGHT	VOLTS	CIRCUIT	WATTS	MOUNTING ARM LENGTH	LUMINAIRE	LAMP	BUG RATING
	STATION	OFFSET								
L1	103+20	21.09 RT	15'	240	B	78 LED	POST TOP	DMS60	80W48LED3K-R-LE4	B1-U3-G2
L2	104+92	19.83 RT	15'	240	A	78 LED	POST TOP	DMS60	80W48LED3K-R-LE4	B1-U3-G2
L3	17+13	15.01 RT	25'	240	B	103 LED	6'	DMS50	110W64LED3K-R-LE3	B3-U3-G1
L4	17+12	28.81 LT	15'	240	A	78 LED	POST TOP	DMS60	80W48LED3K-R-LE4	B1-U3-G2
L5	17+99	14.29 RT	15'	240	B	36 LED	POST TOP	DMS60	80W48LED3K-R-LE4	B1-U3-G1
L6	17+98	27.03 RT	15'	240	A	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L7	19+16	17.15 RT	15'	240	B	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L8	18+80	23.28 RT	15'	240	A	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L9	19+77	14.07 RT	15'	240	B	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L10	19+70	14.62 LT	15'	240	A	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L11	20+43	14.20 LT	15'	240	A	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L12	21+44	15.03 LT	15'	240	A	36 LED	POST TOP	DMS60	35W32LED3K-R-LE4	B1-U3-G1
L13	104+70	22.16 LT	25'	240	B	103 LED	6'	DMS50	110W64LED3K-R-LE3	B3-U3-G1
L14	103+74	22.37 LT	25'	240	A	103 LED	6'	DMS60	110W64LED3K-R-LE3	B3-U3-G1

#	CONDUIT SIZE	CONDUCTORS	BARE GROUND	CIRCUIT	NOTES
1	2"	2-#8	1-#8	B	ILLUMINATION B
		2-#8		D	OUTLET B
2	2"	2-#8	1-#8	A	ILLUMINATION A
		2-#4		C	OUTLET A
3	2"	2-#8	1-#8	A	ILLUMINATION A
		2-#8		B	ILLUMINATION B
		2-#4		C	OUTLET A
		2-#8		D	OUTLET B
		2-#8		E	OUTLET C
4	2"	2-#8	1-#8	A	ILLUMINATION A
		2-#6		C	OUTLET A
5	2"	2-#8	1-#8	A	ILLUMINATION A
		2-#8		E	OUTLET C
6	2"	3-#2	1-#2	NA	CONTRACTOR TO PROVIDE CONDUCTORS FOR PUD INSTALLATION COORDINATE WITH PUD.
7	2"	SPARE			CONDUIT SHALL HAVE TRACE WIRE
8	EX 2"	2-#8	EX 1-#8	A	ILLUMINATION A
		2-#8		B	ILLUMINATION B
		EX 2-#8		E	OUTLET C
		2-#8		F	OUTLET D
9	2"	2-#8	1-#8	B	ILLUMINATION B
		2-#8		F	OUTLET D



No.	Date	Revision	By	Appr.

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Checked By R. CRANEN	04/09/2024
Approved By D. HANSEN	04/09/2024

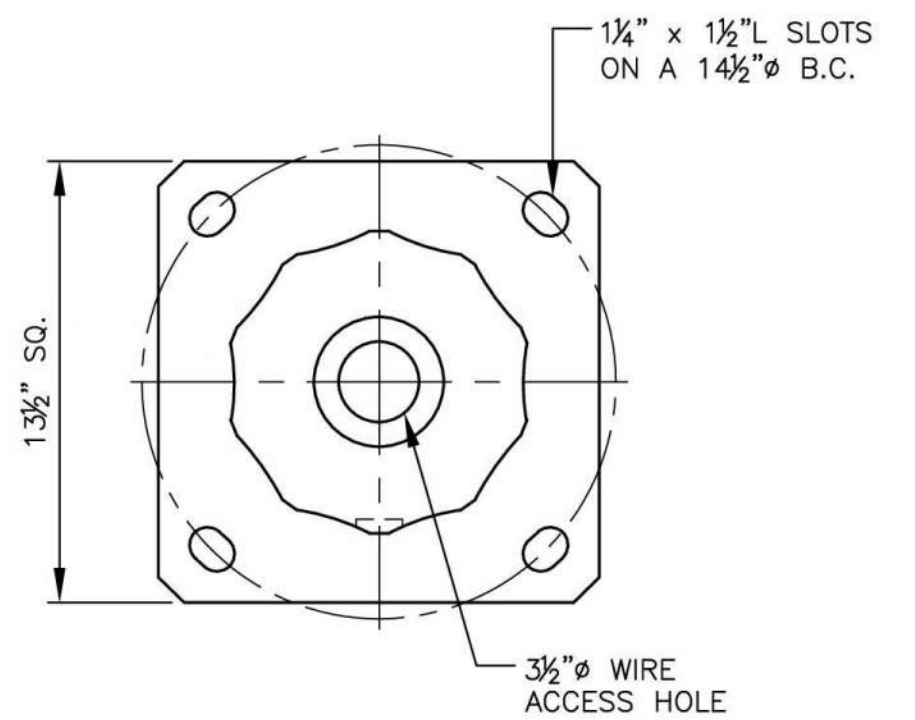
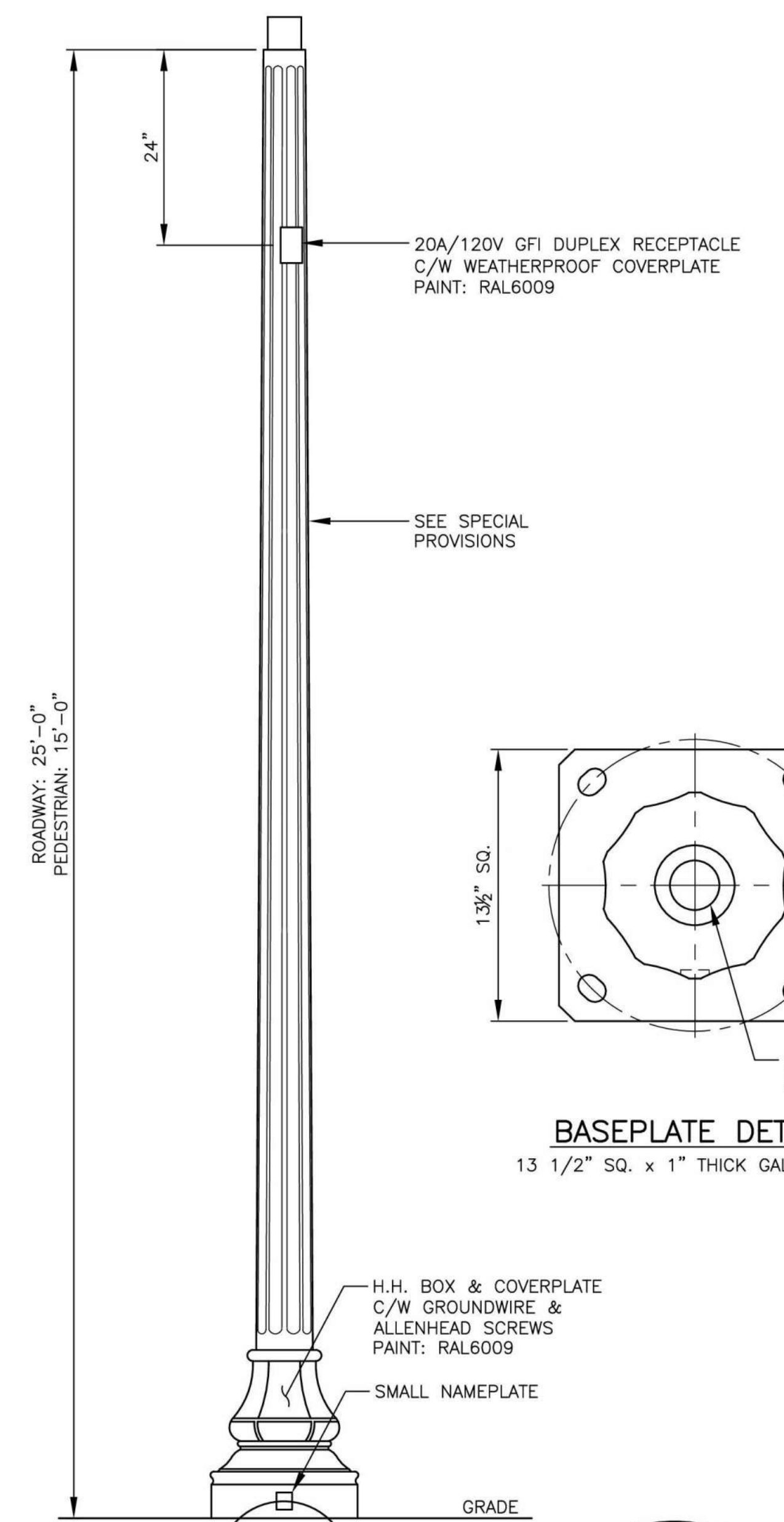
CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 ILLUMINATION PLAN

Drawing No. <b>IL2</b>
Sheet No. 29
41 of Total

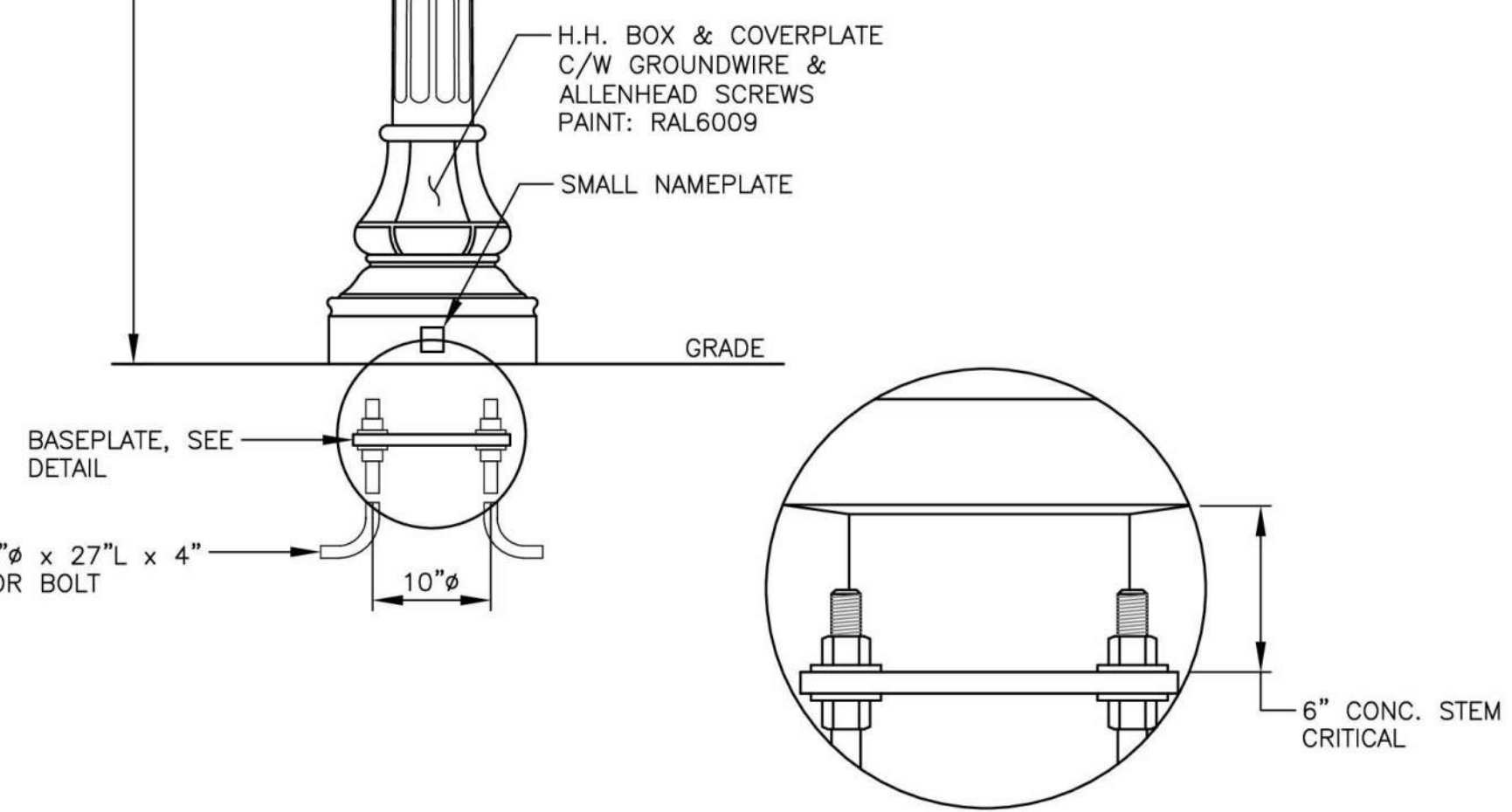
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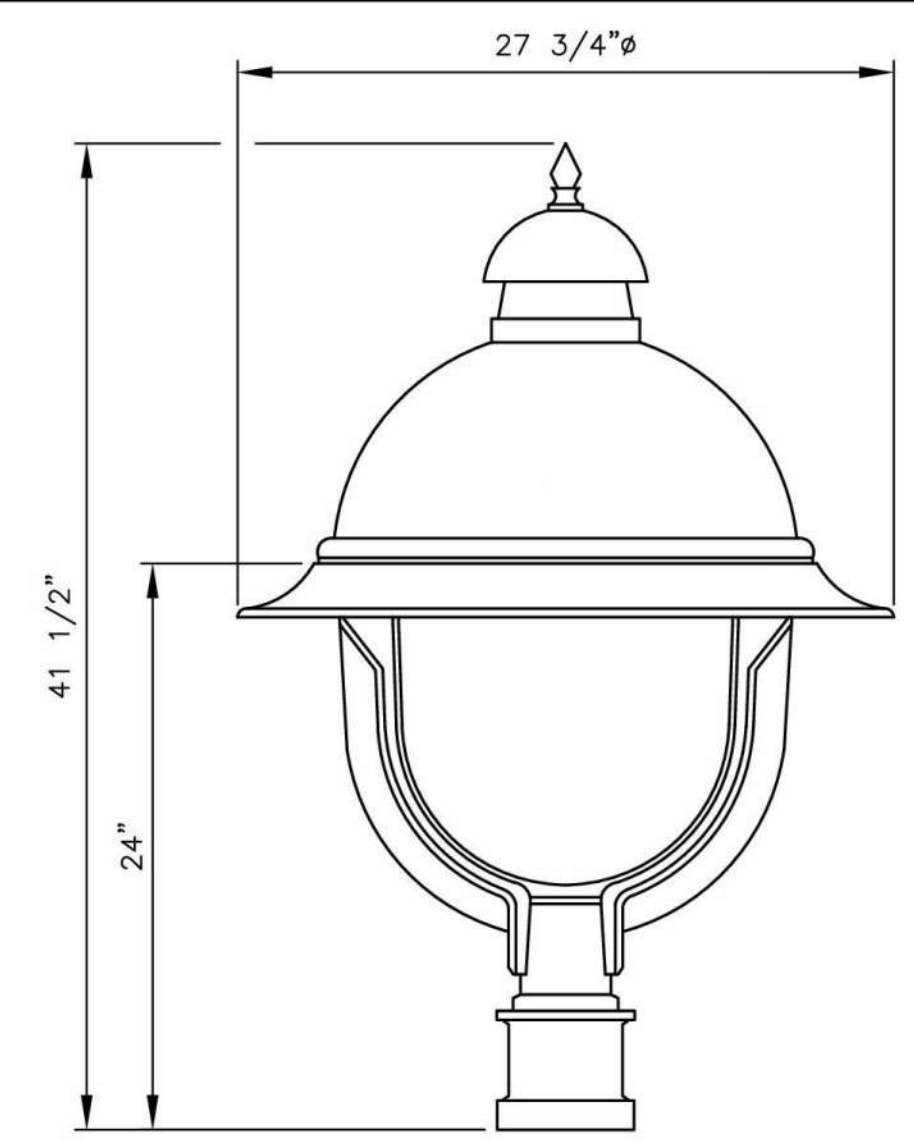
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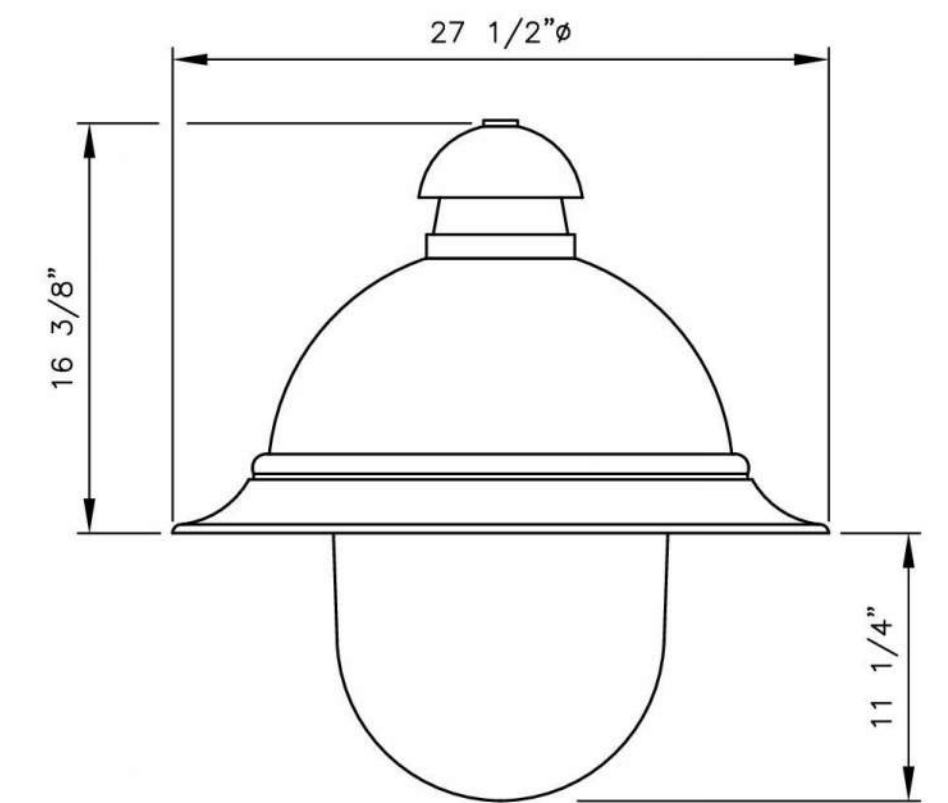
**BASEPLATE DETAIL**  
13 1/2" SQ. x 1" THICK GALV. STEEL



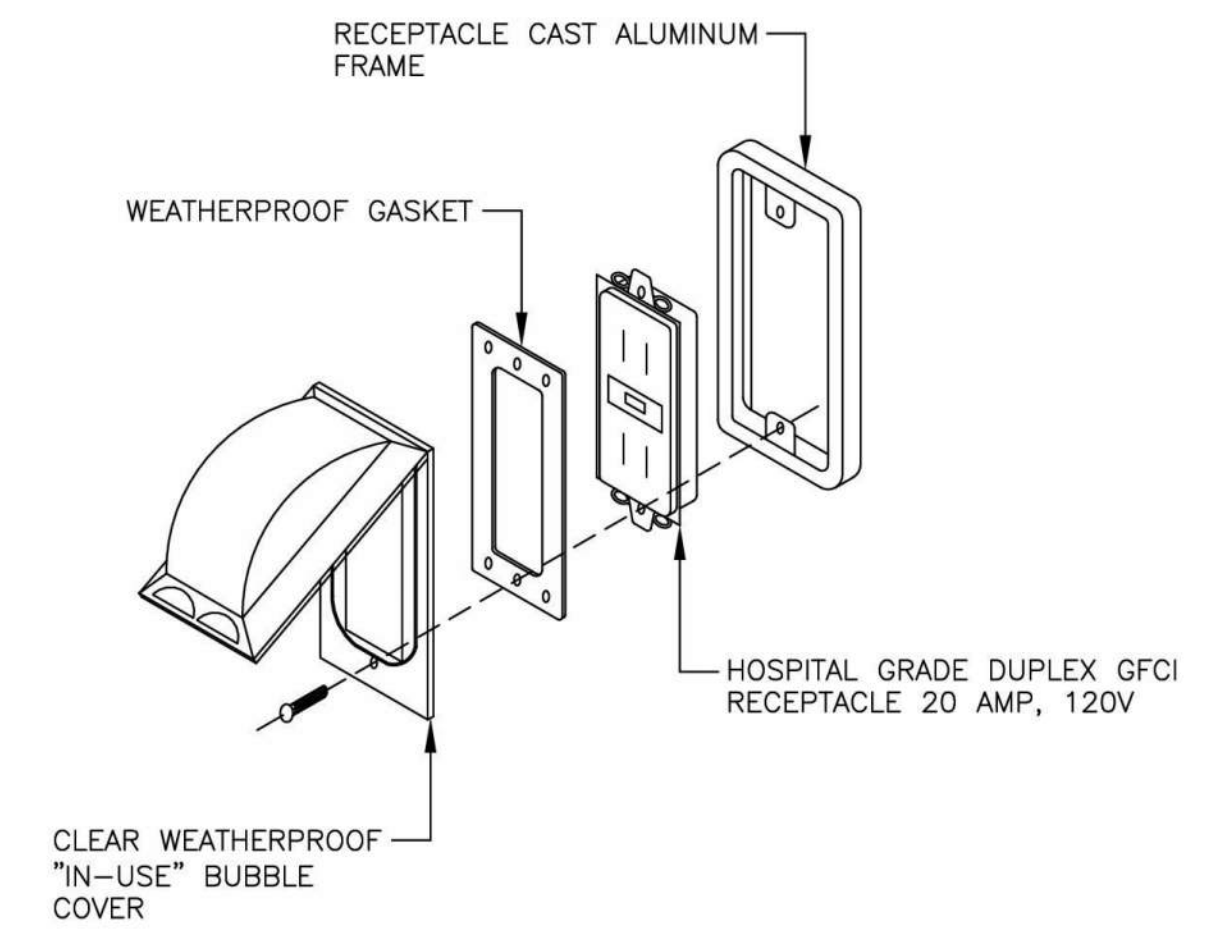
**STREET LIGHT POLE DETAIL**  
N.T.S.



**POST TOP MOUNT**



**ARM MOUNT**  
**FIXTURE DETAILS**  
N.T.S.

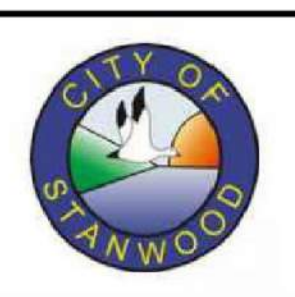


NOTE: REFER TO LUMINAIRE DETAILS FOR LOCATIONS

**POLE RECEPTACLE**  
N.T.S.

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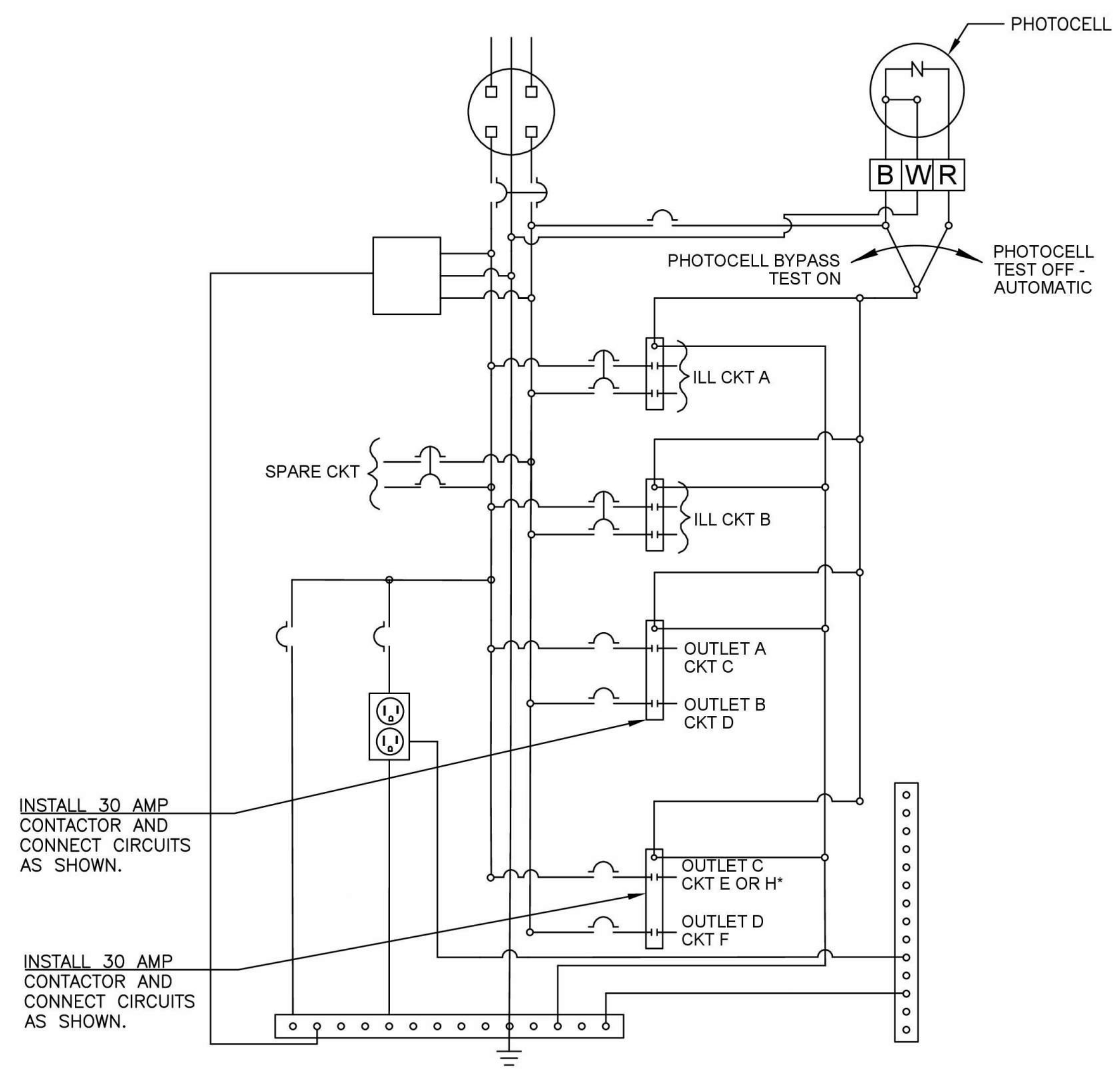
Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
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Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
ILLUMINATION DETAILS

Drawing No. <b>ID1</b>
Sheet No. 30
41 of Total

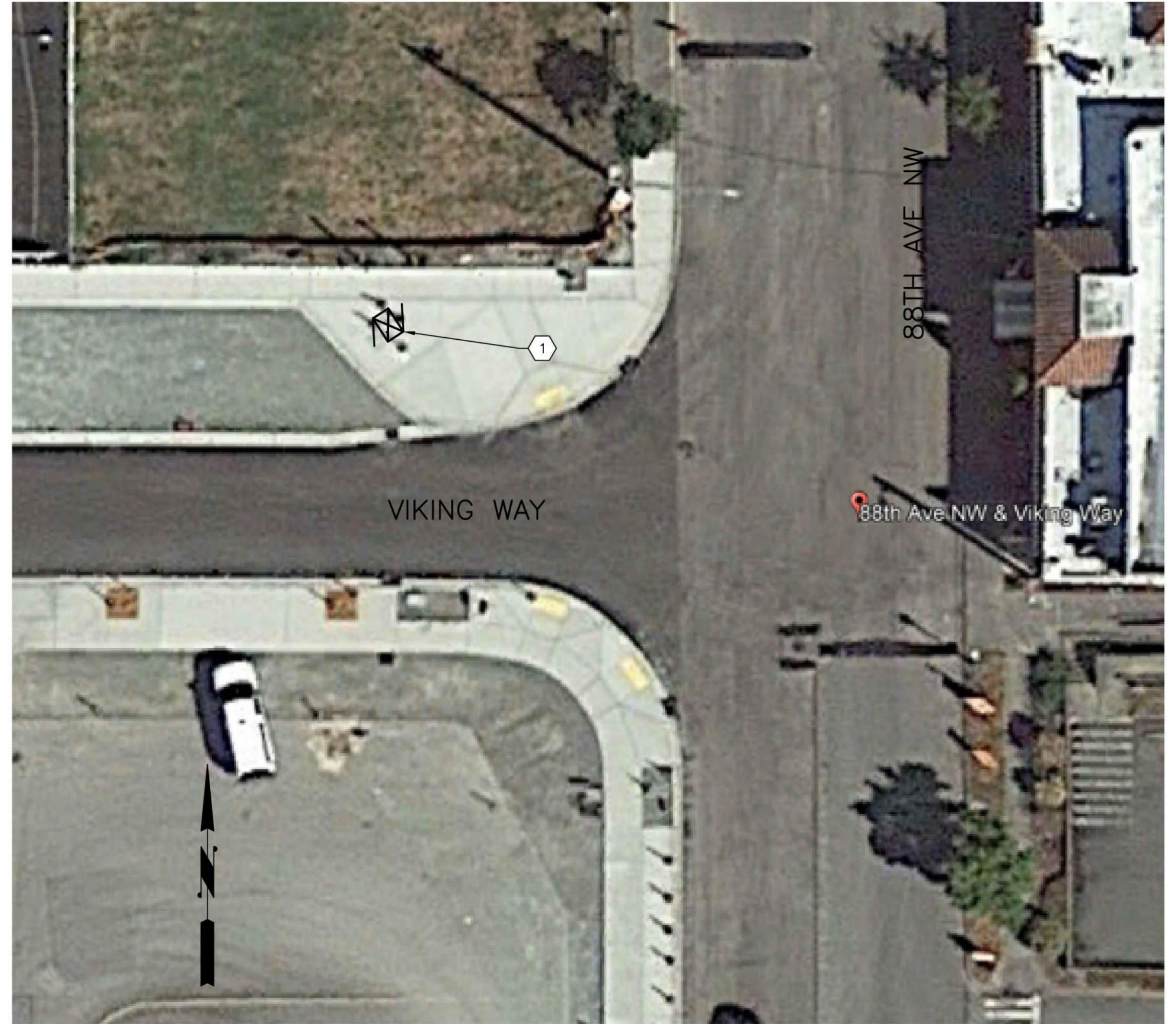




**TYPE D SERVICE CABINET MODIFICATION GENERAL NOTES:**

1. WIRING SCHEMATIC BASED ON WSDOT STD. DETAIL J-10.21. REFER TO STD. DETAIL FOR ADDITIONAL INFORMATION AS NEEDED.
  2. EXACT CABINET LAYOUT SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO BEGINNING WORK.
- \*OUTLET C IS CKT H FOR SERVICE CABINET AT VIKING WAY AND 88TH AVE NW.

**TYPE D MODIFIED SERVICE CABINET WIRING SCHEMATIC**  
N.T.S.



**CABINET CONSTRUCTION NOTES:**

- ① MODIFY EXISTING TYPE D SERVICE CABINET PER TYPE D MODIFIED SERVICE CABINET WIRING SCHEMATIC.
- ⊠ EXISTING TYPE D SERVICE CABINET.

**VIKING WAY & 88TH AVE NW**  
N.T.S.

Apr 09, 2024 - 11:37am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032\_IL.dwg Layout Name: ID2

No.	Date	Revision	By	Appr.

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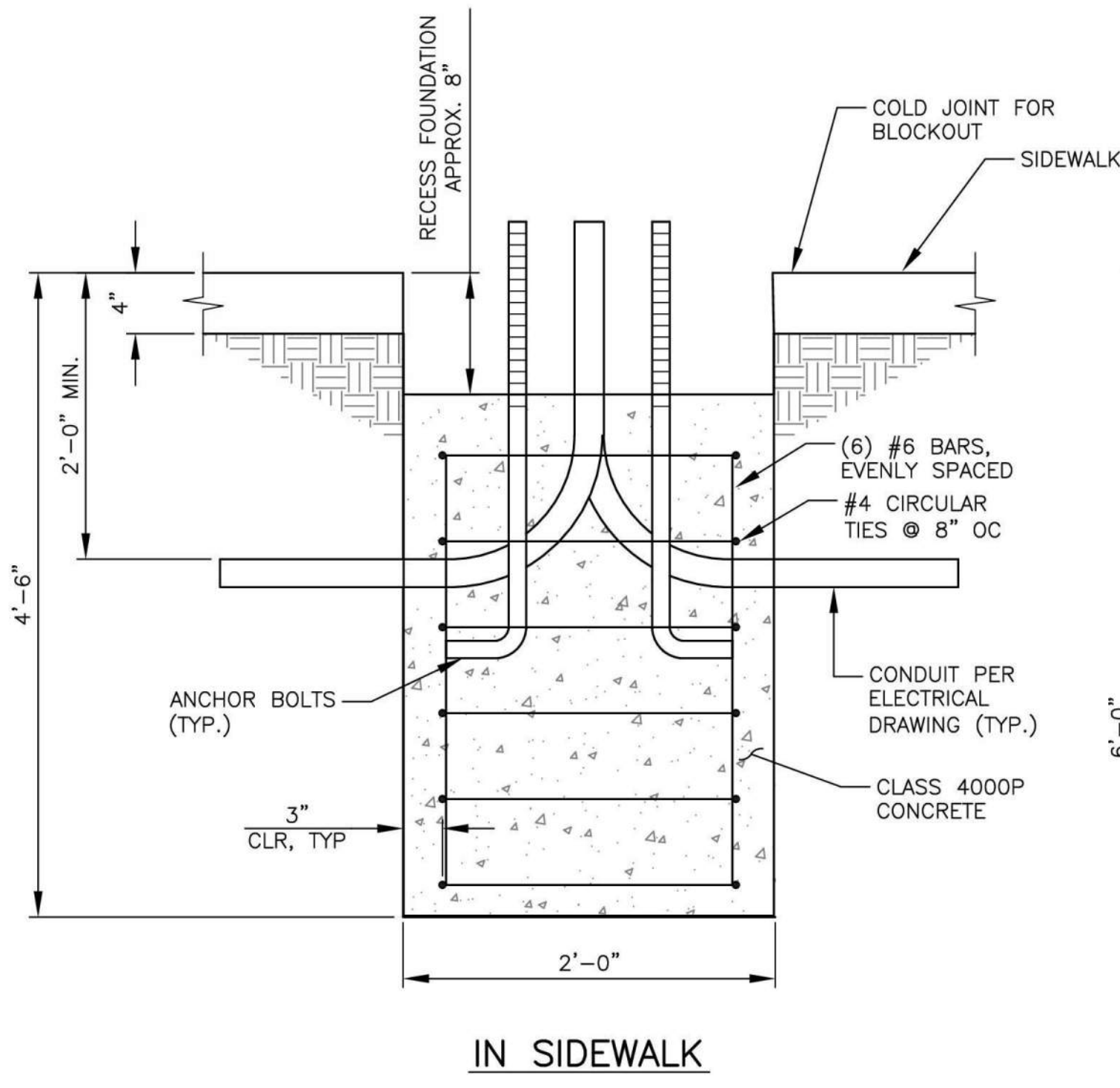
Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAMEN	04/09/2024
Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

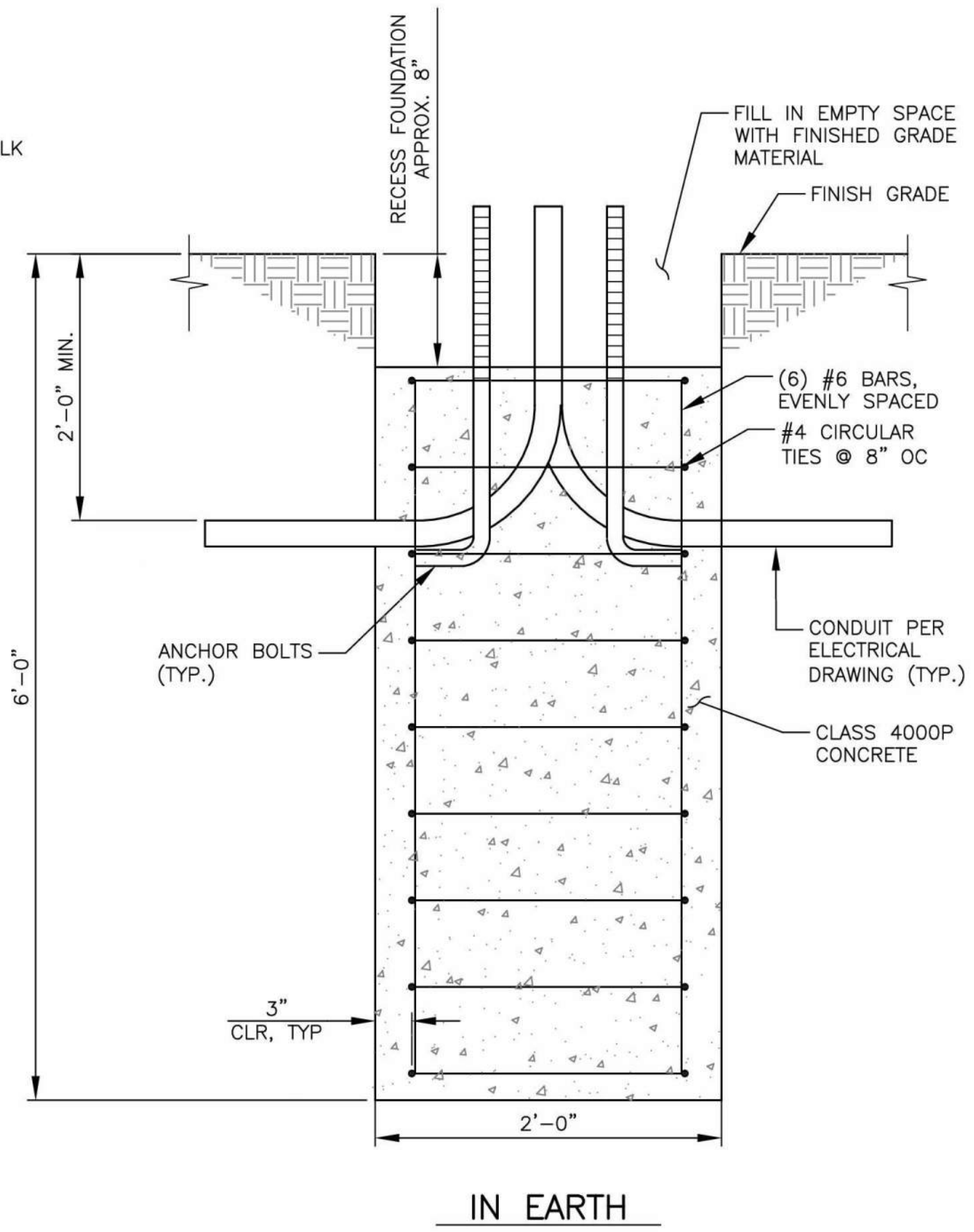
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
ILLUMINATION DETAILS

Drawing No. <b>ID2</b>
Sheet No. 31
41 of Total

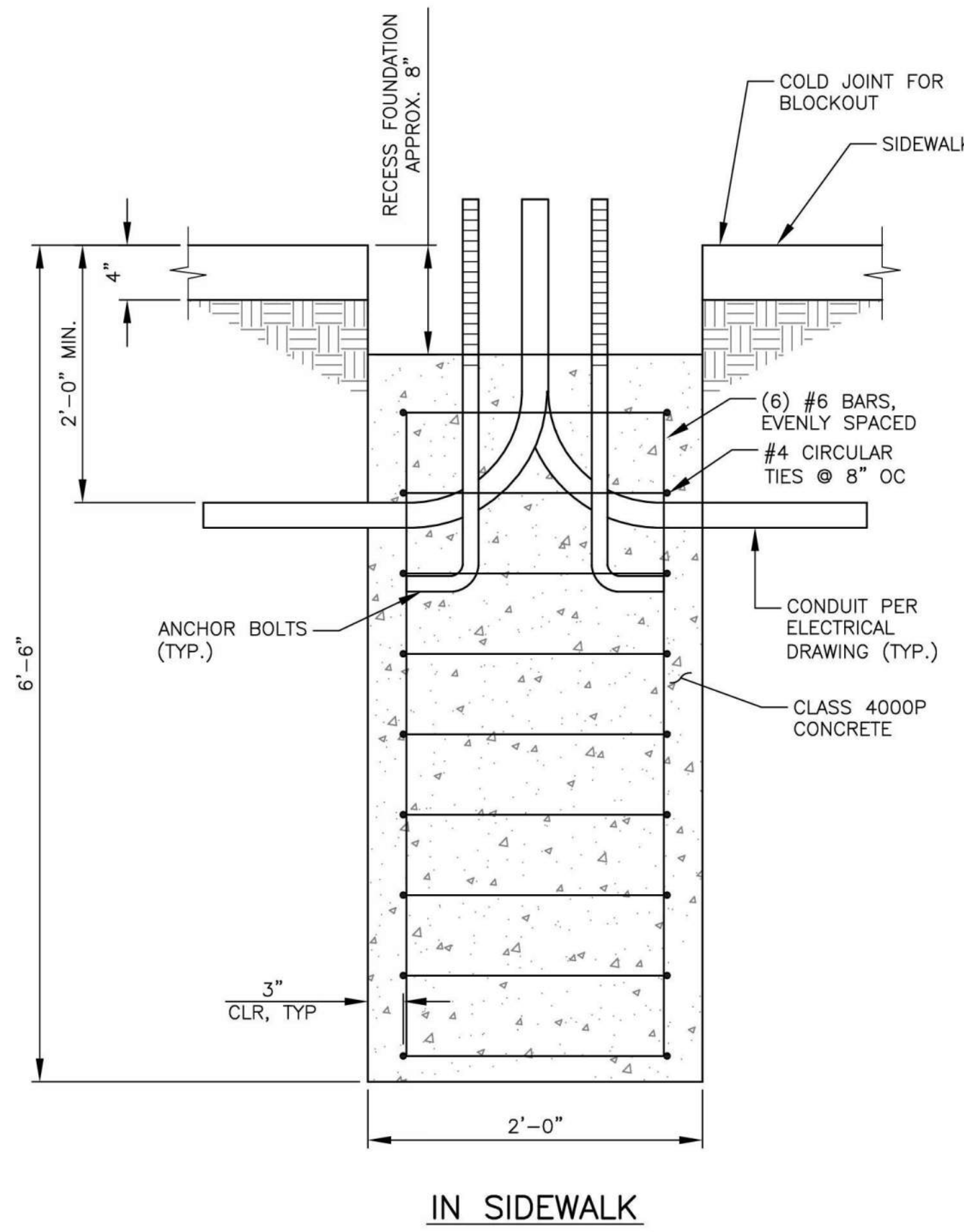




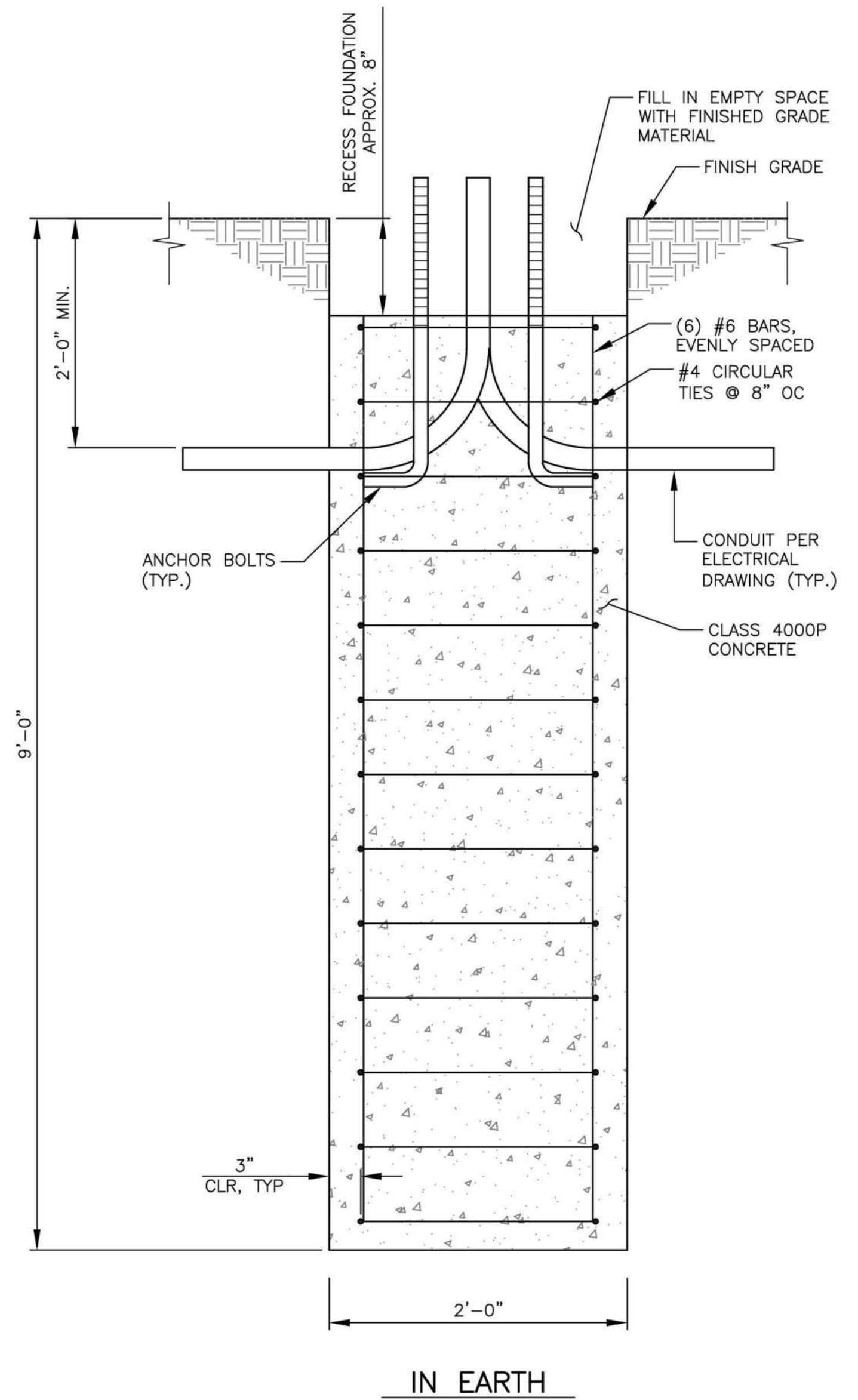
IN SIDEWALK



IN EARTH



IN SIDEWALK



IN EARTH

**GENERAL NOTES:**

1. BASE PLATE AND ANCHOR BOLTS PER MANUFACTURER'S RECOMMENDATIONS.
2. LUMINAIRE EPA NOT TO EXCEED 2 SQUARE FEET.

PEDESTRIAN POLE FOUNDATION DETAIL (LUMINAIRE ON TOP OF POLE)  
N.T.S.

**GENERAL NOTES:**

1. BASE PLATE AND ANCHOR BOLTS PER MANUFACTURER'S RECOMMENDATIONS.
2. LUMINAIRE EPA NOT TO EXCEED 2 SQUARE FEET.

ROADWAY POLE FOUNDATION DETAIL (LUMINAIRE ON 6' OR 12' ARM)  
N.T.S.

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No.	Date	Revision	By	Appr.

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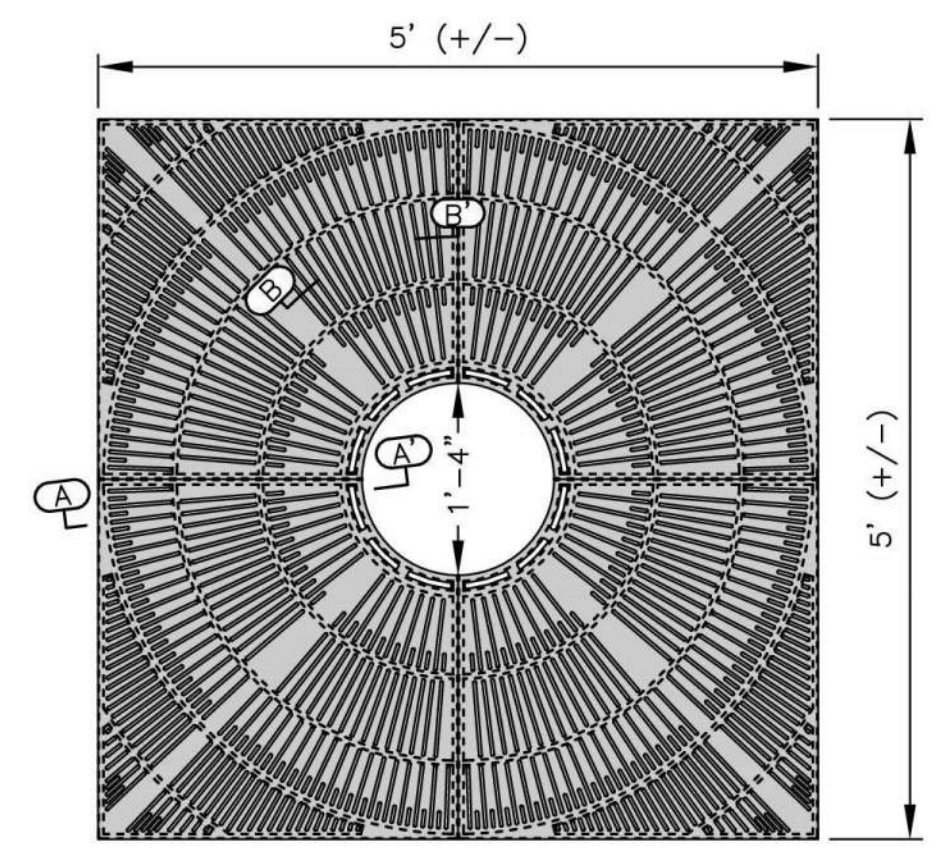
RUSSELL DANIEL CRAVEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54877  
04/10/2024

Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

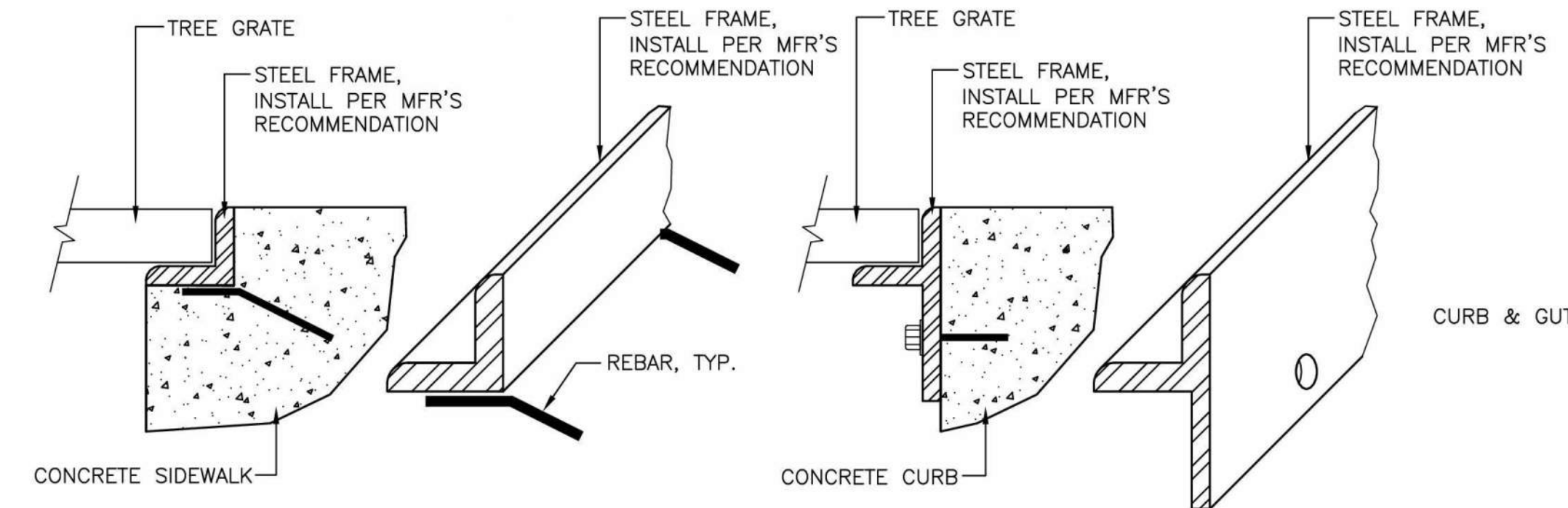
CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
ILLUMINATION DETAILS

Drawing No. <b>ID3</b>
Sheet No. 32
41 of Total

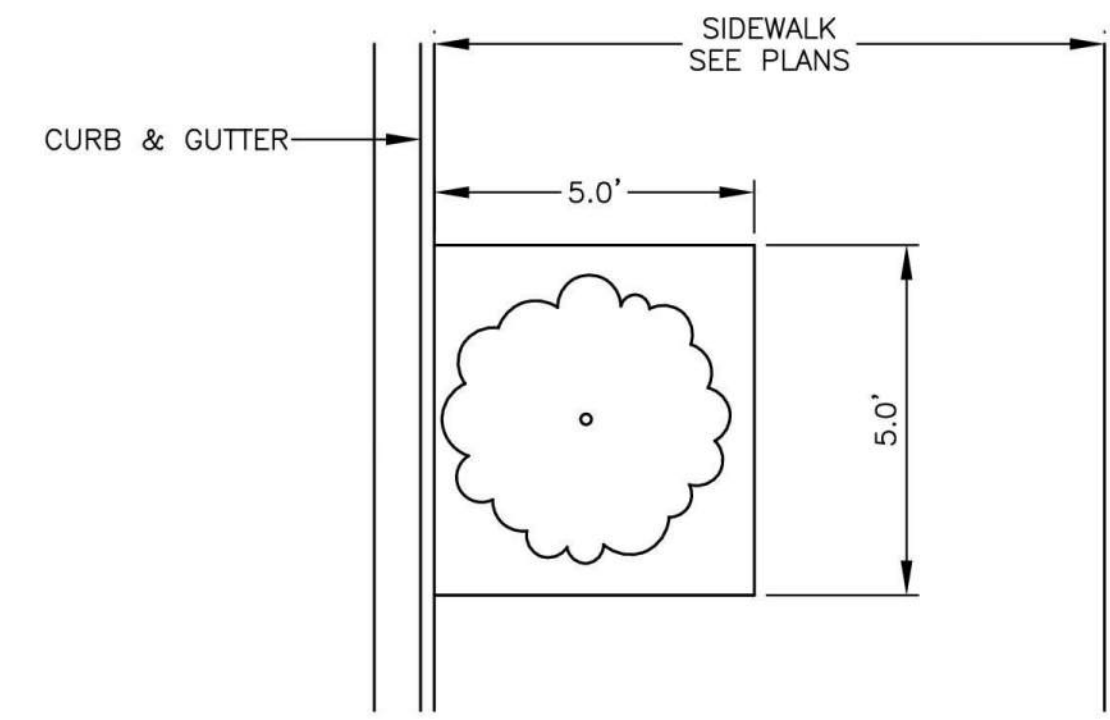




**TREE GRATE PLAN VIEW**  
N.T.S.



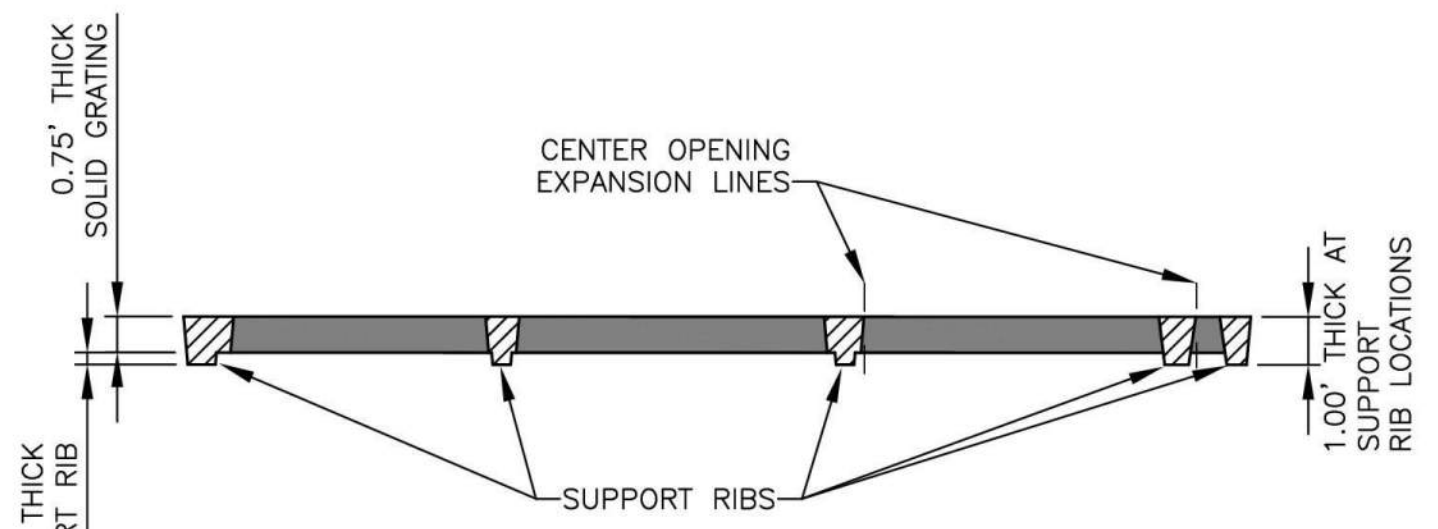
**TREE GRATE HARDWARE DETAIL**  
N.T.S.



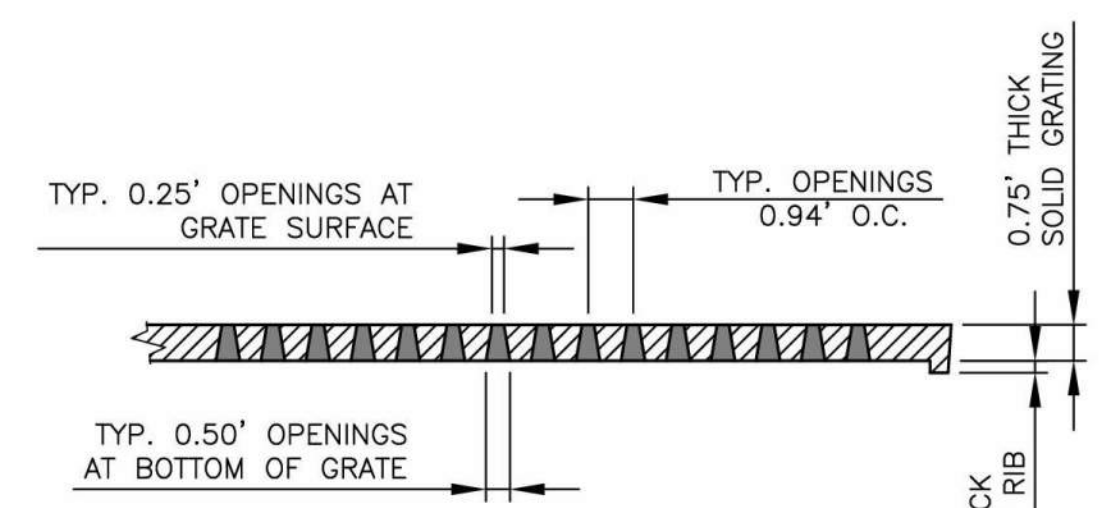
**TREE PLANTING AND TREE GRATE PLAN VIEW**  
N.T.S.

**LANDSCAPE PLANTING NOTES**

1. ON-SITE SOIL MIXING OR PLACEMENT NOT ALLOWED WHEN SOIL IS SATURATED, FROZEN, OR IN THE OPINION OF THE ENGINEER, IN A CONDITION DETRIMENTAL TO THE WORK.
2. AFTER PLANTING, IMMEDIATELY SATURATE ALL PLANTING PITS TO ELIMINATE AIR POCKETS AND FACILITATE SETTLING OF BACKFILL MATERIAL.
3. ROOT MASSES OF CONTAINERIZED STOCK SHOULD BE "SCORED" WITH A SHARP OBJECT TO INSURE THE PLANTS WILL NOT BECOME ROOT BOUND.
4. ANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY OWNER.
5. LANDSCAPE PLANTING SHALL BE INSTALLED AFTER SITE WORK IS DONE, INCLUDING ROADS UTILITIES, DRIVEWAYS, ETC.
6. SEE SPECIAL PROVISIONS SECTION 8-02 FOR ROOT BARRIER.
7. SEE SPECIAL PROVISIONS SECTION 8-03 FOR CONTRACTOR DESIGNED IRRIGATION SYSTEM.
8. PLANTING INCLUDES REMOVAL OF STAKES ONE YEAR AFTER INSTALLATION.



**SECTION A-A**  
N.T.S.



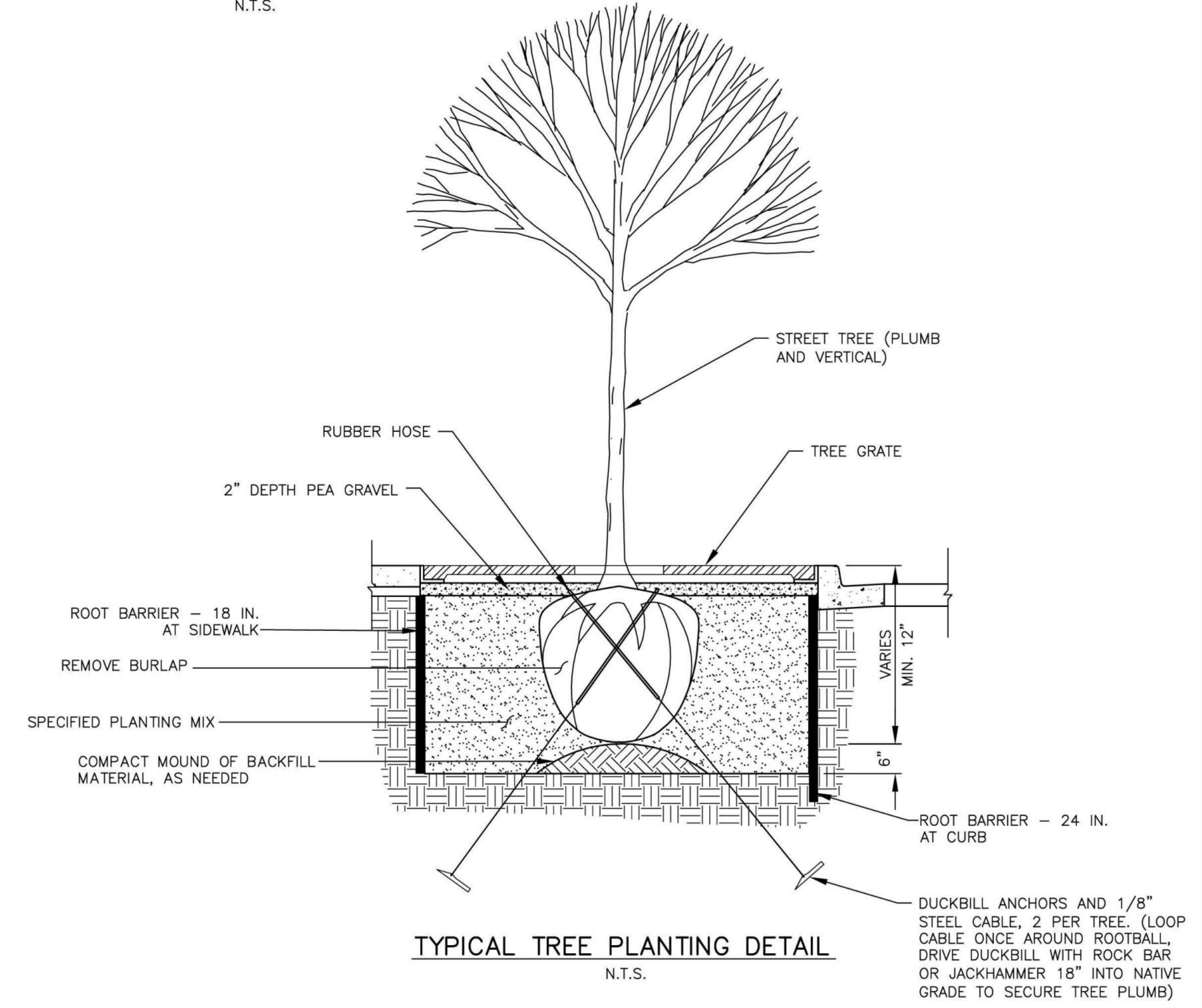
**SECTION B-B**  
N.T.S.

**TREE GRATE NOTES**

1. TREE GRATE SHALL BE THE URBAN ACCESSORIES 5' SQ. COHO GRATE.

**TREE SCHEDULE**

STATION	OFFSET
103+00.1	20.0' RT
103+35.1	20.0' RT
103+70.1	20.0' RT
104+71.1	20.0' RT
17+17.2	27.0' LT
17+19.2	15.0' RT
17+54.2	15.0' RT
17+89.1	15.0' RT
18+22.2	27.0' LT
18+24.2	15.0' RT
18+57.1	26.4' LT
19+21.4	17.9' LT
19+33.5	15.0' RT
19+54.4	15.0' LT
19+68.2	15.00' RT
20+29.0	15.0' LT
20+64.4	15.0' LT
20+99.5	15.0' LT
21+34.4	15.0' LT
21+69.4	15.0' LT



**TYPICAL TREE PLANTING DETAIL**  
N.T.S.

Apr 09, 2024 - 11:37am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph 2\CADD\02 - Plan Sheets\20200032 LS.dwg Layout Name: LS1

No.	Date	Revision	By	Appr.

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Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
LANDSCAPE DETAILS

Drawing No. <b>LS1</b>
Sheet No. 33
41 of Total



GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PLANS TO MATCH THE CONTRACTOR'S CHOSEN METHOD OF WORK IN ACCORDANCE WITH SECTION 1-10.2(2) OF THE STANDARD SPECIFICATIONS. ALL COSTS ASSOCIATED WITH THE CONTRACTOR'S DEVELOPMENT OF TRAFFIC CONTROL PLANS, AND FOR THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLANS NECESSARY TO SUPPORT THE CONTRACTOR'S CHOSEN METHOD OF WORK SHALL BE INCLUDED IN THE CONTRACTOR'S VARIOUS INDIVIDUAL BID ITEMS RELATED TO TEMPORARY TRAFFIC CONTROL. AT THE TIME OF BID SUBMITTAL, THERE WILL BE NO ADJUSTMENTS MADE TO THE BID ITEMS RELATED TO TEMPORARY TRAFFIC CONTROL AFTER THE TIME OF BID SUBMITTAL. THE CONTRACTOR'S ORIGINAL BID SUBMITTAL SHALL BE FULL PAYMENT FOR ALL TEMPORARY TRAFFIC CONTROL ELEMENTS NECESSARY TO SUPPORT THE CONTRACTOR'S CHOSEN METHOD OF WORK.
2. ALL EXISTING AND FUTURE IMPROVEMENTS, INCLUDING UTILITIES, ARE NOT SHOWN ON THESE DRAWINGS. FOR ADDITIONAL INFORMATION, SEE THE APPLICABLE CONTRACT DRAWINGS.
3. IN ALL CASES, UNDERGROUND UTILITIES SHALL BE CONSTRUCTED PRIOR TO START OF FINAL SURFACE IMPROVEMENTS SUCH AS, BUT NOT LIMITED TO, PAVEMENT BASE MATERIAL, SIDEWALKS, CURBS AND GUTTERS, PAVEMENTS, ETC.
4. CONSTRUCTION ACTIVITIES NOT SPECIFICALLY SEQUENCED HEREON SHALL BE CONDUCTED IN A MANNER TO MINIMIZE PUBLIC IMPACT, FULL PROGRESS SCHEDULES IN ACCORDANCE WITH SECTION 1-08.3 OF THE STANDARD SPECIFICATIONS ARE STILL NECESSARY.
5. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE RESTRICTED TO THE CONSTRUCTION AREA AT ALL TIMES. UNDER NO CIRCUMSTANCES SHALL EQUIPMENT OR MATERIALS BE ALLOWED IN AN AREA OTHER THAN CONSTRUCTION STAGING AREA FOR A PERIOD OF ONE DAY EITHER BEFORE OR AFTER ACTUAL UTILIZATION.
6. THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE CONTRACTING AGENCY, HOWEVER IT IS NOT GUARANTEED THAT THE ALTERNATIVE PLAN WILL BE ACCEPTED. THE CONTRACTOR SHALL USE THIS PLAN AS THE BASIS FOR THE CONTRACT BID.
7. NOTIFY PROPERTY OWNERS AT LEAST 48-HOURS IN ADVANCE OF WORKING ON DRIVEWAYS. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHEN PLACING HMA OR PORTLAND CEMENT CONCRETE (PCC). THE CONTRACTOR SHALL PLACE STEEL PLATES ACROSS ANY SIDEWALK OR DRIVEWAY PCC TO MAINTAIN DRIVEWAY ACCESS WHILE PCC CURES. COSTS OF SUPPLYING, PLACING AND REMOVING STEEL PLATES SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK.
8. ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
9. ALL SIGNS SHALL BE 36"x36" UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL REMOVE OR COVER CONFLICTING EXISTING CHANNELIZATION OR SIGNS.
11. FLAGGER AND SIGN PLACEMENT ARE SUBJECT TO REVISION BY THE INSPECTOR ON-SITE IF NEEDED TO ADDRESS TRAFFIC OR PEDESTRIAN SAFETY OR TRAVEL.
12. YELLOW FLASHING LIGHTS SHALL BE INSTALLED AND OPERATIONAL ON EVERY OTHER SAFETY BARREL.
13. TRAFFIC CONTROL PLANS SHALL BE PREPARED TO MEET MUTCD DESIGN GUIDELINES AND WSDOT WORK ZONE TRAFFIC CONTROL PLANS.
14. ALL LANE SHIFT TAPERS AND CHANNELIZATION DEVICE SPACING SHALL MEET MUTCD DESIGN GUIDELINES AND WSDOT WORK ZONE TRAFFIC CONTROL PLANS.
15. CONSTRUCTION ZONES FOR LATERAL UTILITY CROSSINGS FOR STORM DRAINAGE NOT SHOWN ON THE CS DRAWINGS. THESE LATERALS SHALL BE INSTALLED DURING THE SAME PHASE AS THE CORRESPONDING UTILITY MAINLINE.

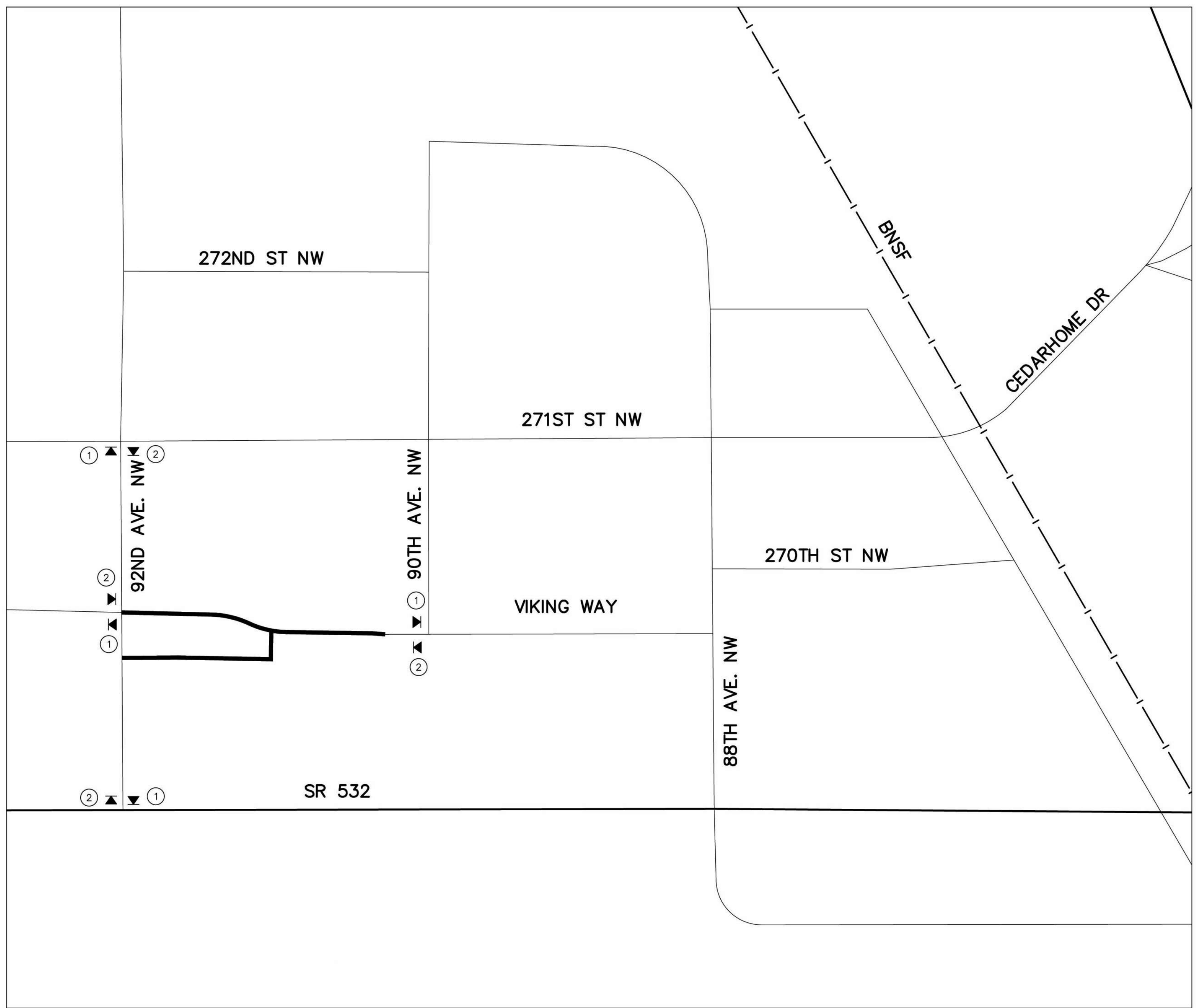
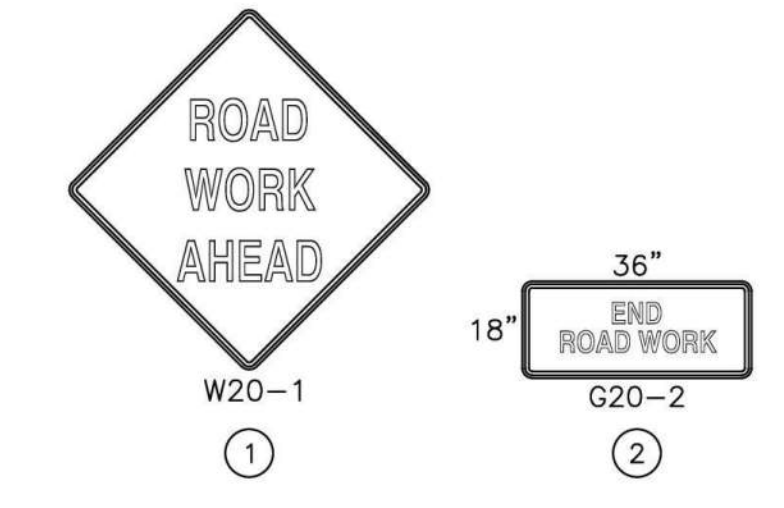
CONSTRUCTION SIGNING NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

LEGEND:

- ▲ CLASS A SIGN LOCATION
- (X) SIGN LEGEND NO.
- PROJECT LIMITS

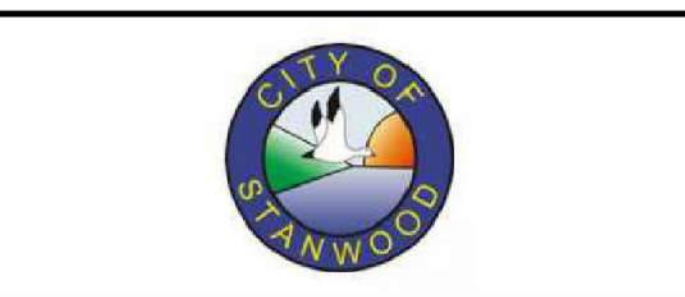
SIGN LEGEND:



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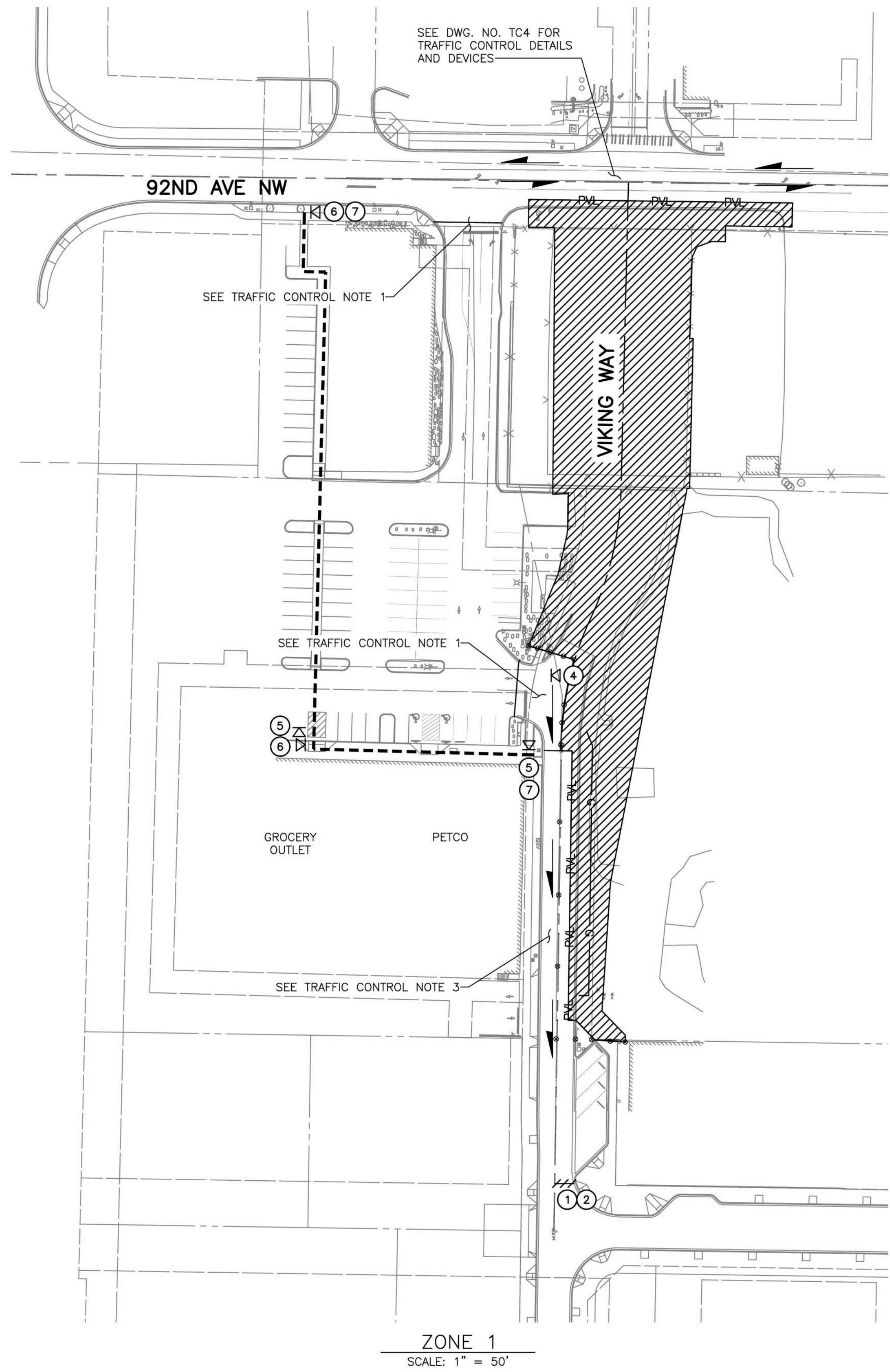


Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
**ADVANCED CONSTRUCTION SIGNING**

Drawing No. <b>CS1</b>
Sheet No. 34
41 of Total





**TRAFFIC CONTROL NOTES**

1. MAINTAIN ACCESS TO PRIVATE PROPERTY DURING CONSTRUCTION. SEE SPECIAL PROVISION SECTION 1-07.23.
2. PEDESTRIAN ACCESS ROUTES SHALL BE PROVIDED AS STATED IN SPECIAL PROVISION SECTION 1-07.23.
3. A MINIMUM WIDTH OF 12' SHALL BE PROVIDED FOR EASTBOUND TRAFFIC EAST OF VIKING WAY STA 20+00 ALL TIMES IN ZONE 1. WESTBOUND TRAFFIC IS NOT PERMITTED DURING SINGLE LANE CLOSURES ON VIKING WAY.
4. MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF 12' FOR ALL DIRECTIONS OF TRAVEL IN ZONES 2 AND 3.

**GENERAL NOTES**

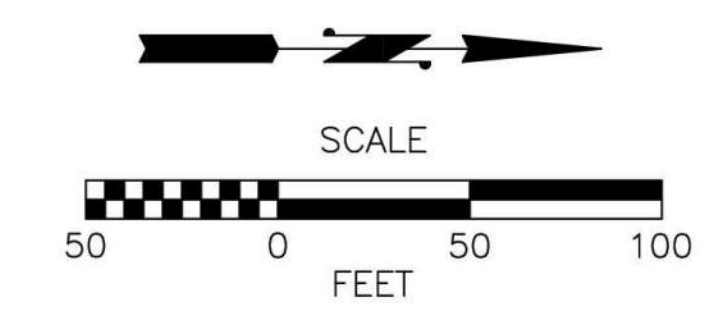
SEE DRAWING NO. CS1

**TRAFFIC CONTROL LEGEND:**

- ZONE 1 CONSTRUCTION ZONE
- ZONE 2 CONSTRUCTION ZONE
- ZONE 3 CONSTRUCTION ZONE
- PVL PAVING LIMIT
- PEDESTRIAN DETOUR ROUTE
- CLASS B SIGN LOCATION
- SIGN LEGEND NO.
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- DIRECTION OF TRAVEL

**SIGN LEGEND**

SEE DRAWING NO. TC3



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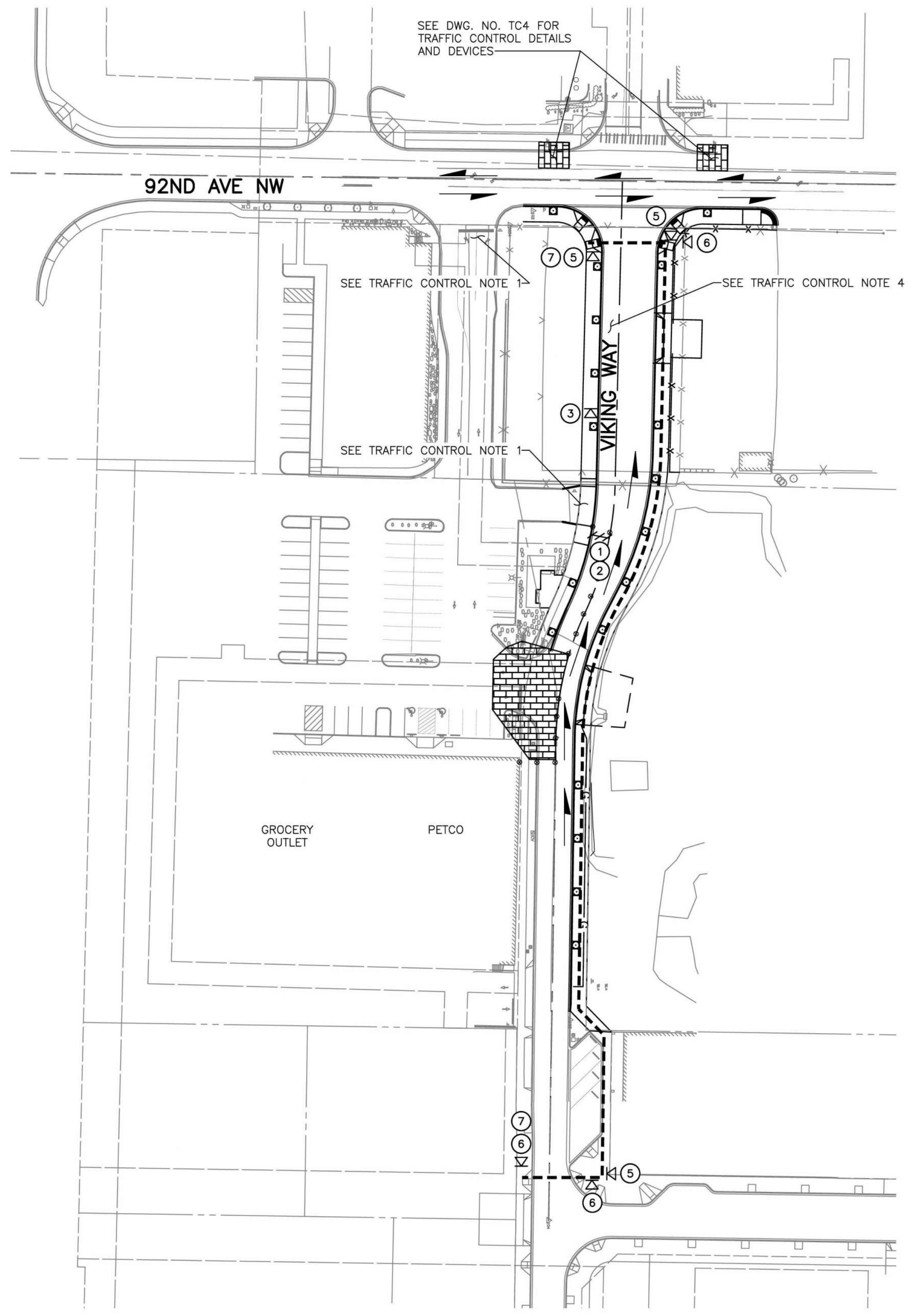
RUSSELL DANIEL CRAVEN  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54877  
04/10/2024

Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
TRAFFIC CONTROL PLAN

Drawing No. <b>TC1</b>
Sheet No. 35
41 of Total





**TRAFFIC CONTROL NOTES**

1. MAINTAIN ACCESS TO PRIVATE PROPERTY DURING CONSTRUCTION. SEE SPECIAL PROVISION SECTION 1-07.23.
2. PEDESTRIAN ACCESS ROUTES SHALL BE PROVIDED AS STATED IN SPECIAL PROVISION SECTION 1-07.23.
3. A MINIMUM WIDTH OF 12' SHALL BE PROVIDED FOR EASTBOUND TRAFFIC EAST OF VIKING WAY STA 20+00 ALL TIMES IN ZONE 1. WESTBOUND TRAFFIC IS NOT PERMITTED DURING SINGLE LANE CLOSURES ON VIKING WAY.
4. MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF 12' FOR ALL DIRECTIONS OF TRAVEL IN ZONES 2 AND 3.

**GENERAL NOTES**

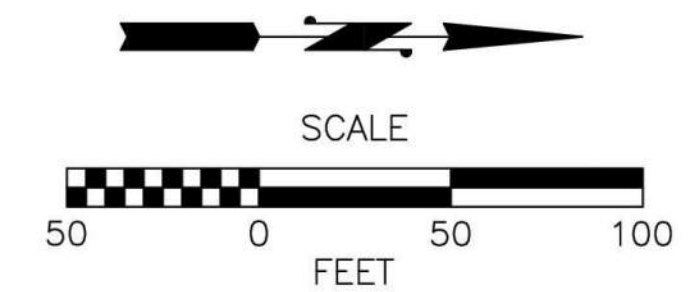
SEE DRAWING NO. CS1

**TRAFFIC CONTROL LEGEND:**

- ZONE 1 CONSTRUCTION ZONE
- ZONE 2 CONSTRUCTION ZONE
- ZONE 3 CONSTRUCTION ZONE
- PVL PAVING LIMIT
- PEDESTRIAN DETOUR ROUTE
- CLASS B SIGN LOCATION
- SIGN LEGEND NO.
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- DIRECTION OF TRAVEL

**SIGN LEGEND**

SEE DRAWING NO. TC3



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04/10/2024

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Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
TRAFFIC CONTROL PLAN

Drawing No. <b>TC2</b>
Sheet No. 36
41 of Total



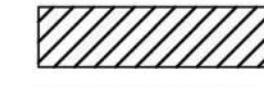
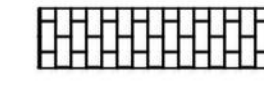


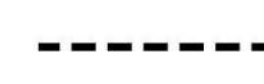





**TRAFFIC CONTROL NOTES**

1. MAINTAIN ACCESS TO PRIVATE PROPERTY DURING CONSTRUCTION. SEE SPECIAL PROVISION SECTION 1-07.23.
2. PEDESTRIAN ACCESS ROUTES SHALL BE PROVIDED AS STATED IN SPECIAL PROVISION SECTION 1-07.23.
3. A MINIMUM WIDTH OF 12' SHALL BE PROVIDED FOR EASTBOUND TRAFFIC EAST OF VIKING WAY STA 20+00 ALL TIMES IN ZONE 1. WESTBOUND TRAFFIC IS NOT PERMITTED DURING SINGLE LANE CLOSURES ON VIKING WAY.
4. MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF 12' FOR ALL DIRECTIONS OF TRAVEL IN ZONES 2 AND 3.

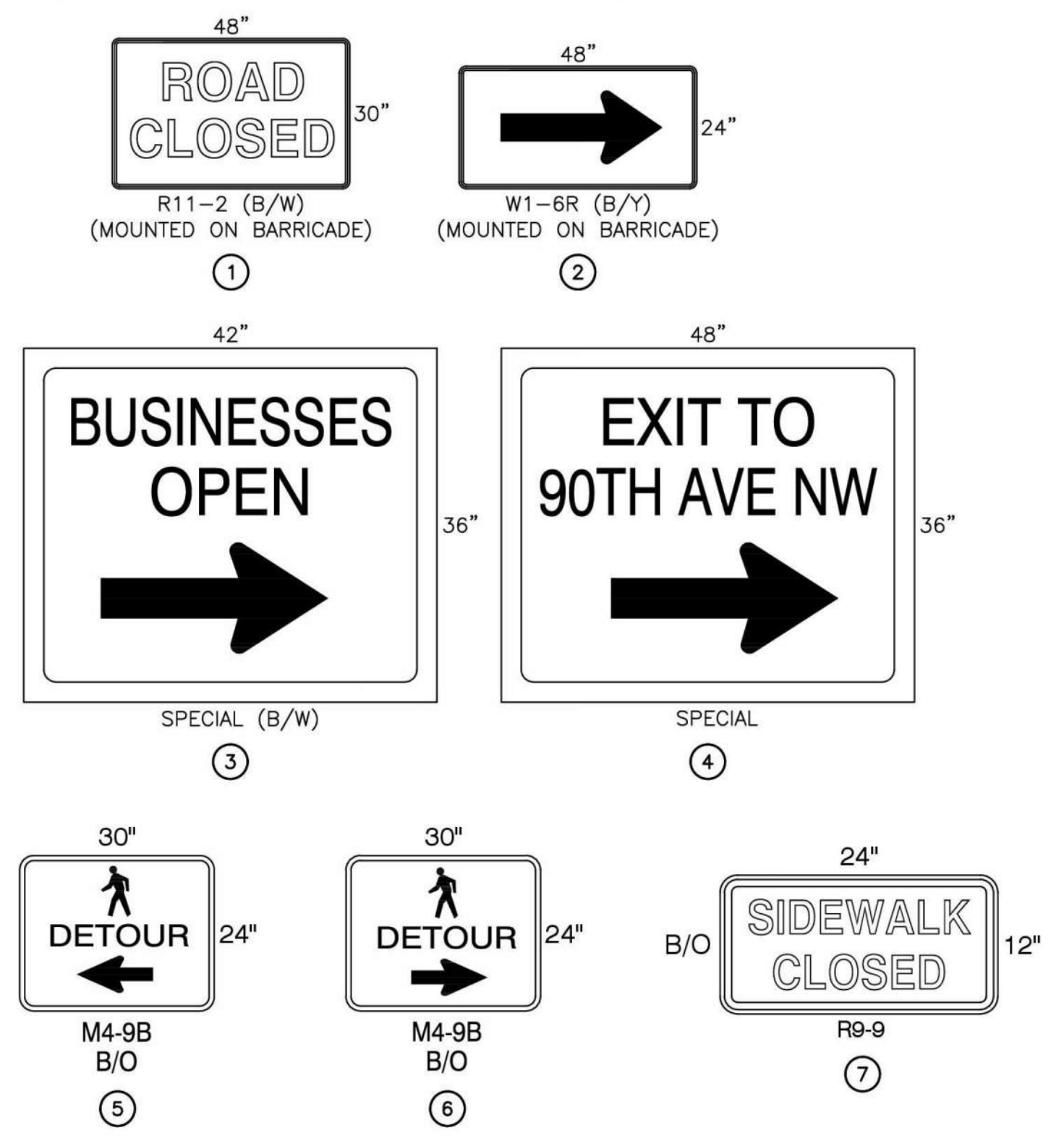
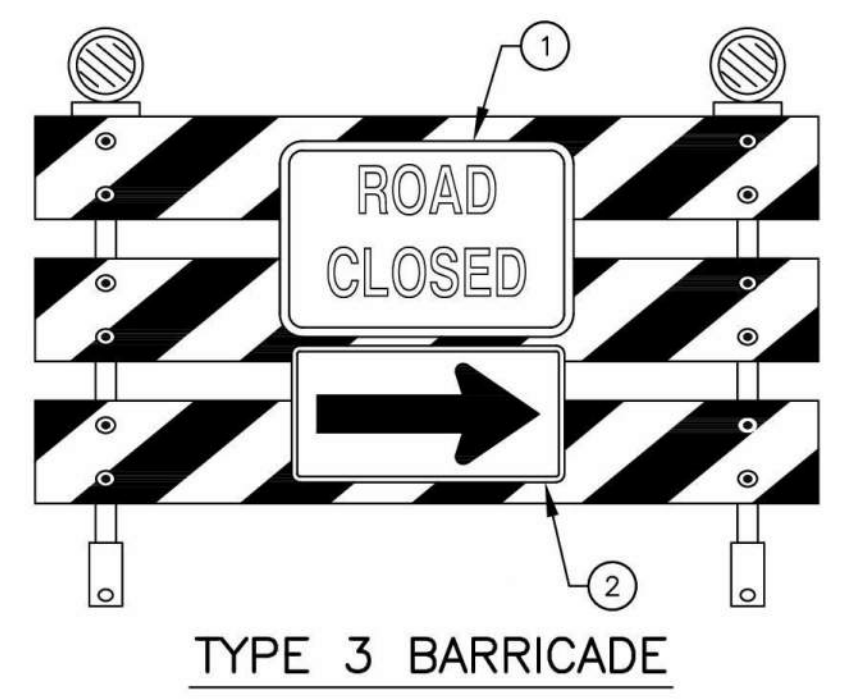
**GENERAL NOTES**

SEE DRAWING NO. CS1

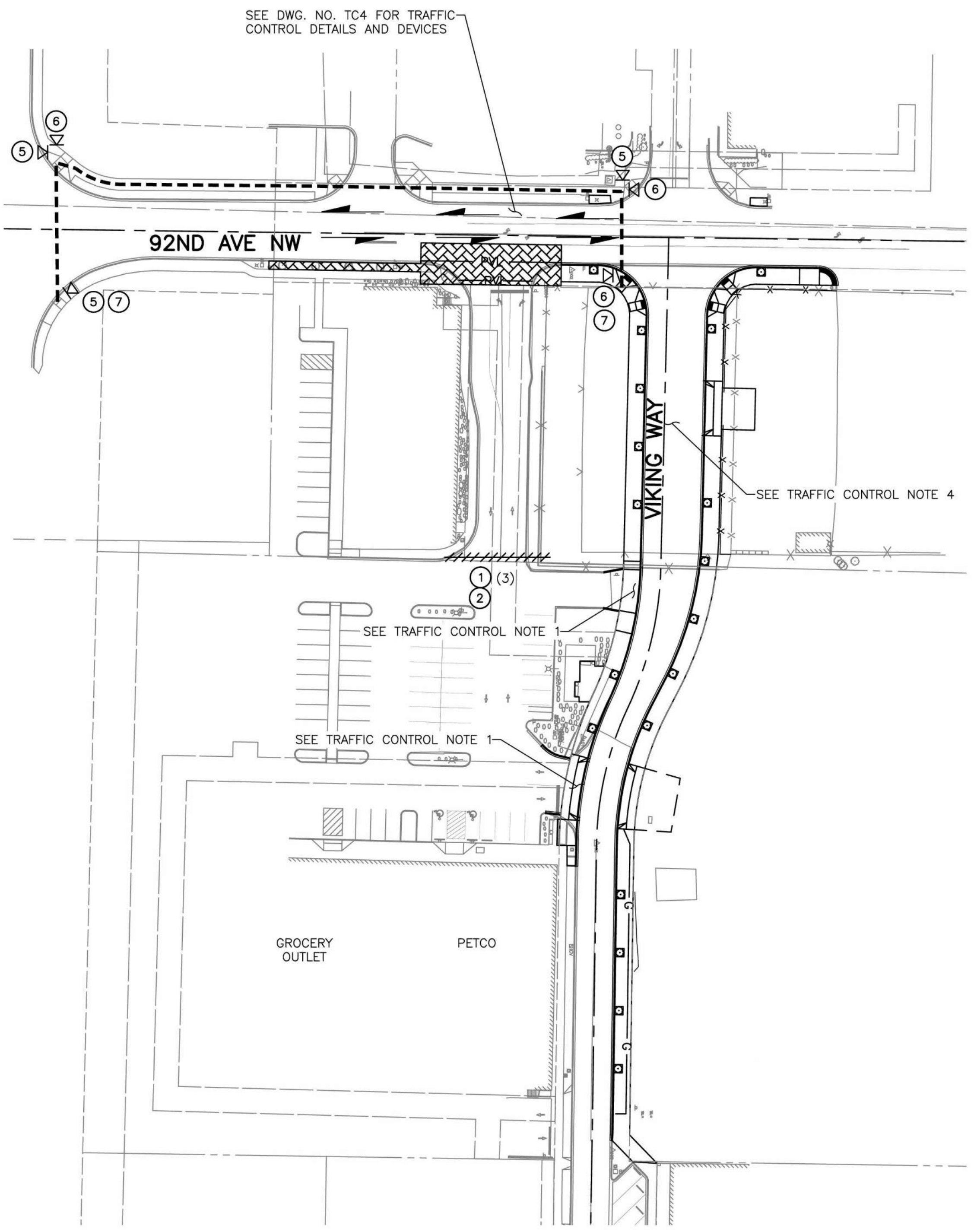
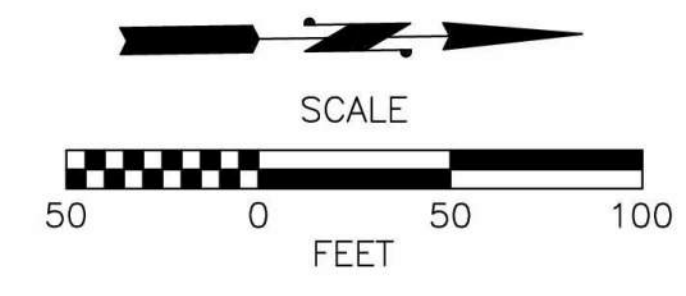
**TRAFFIC CONTROL LEGEND:**

-  ZONE 1 CONSTRUCTION ZONE
-  ZONE 2 CONSTRUCTION ZONE
-  ZONE 3 CONSTRUCTION ZONE
-  PVL PAVING LIMIT
-  PEDESTRIAN DETOUR ROUTE
-  CLASS B SIGN LOCATION
-  SIGN LEGEND NO.
-  TRAFFIC SAFETY DRUM
-  TYPE 3 BARRICADE
-  DIRECTION OF TRAVEL

**SIGN LEGEND:**

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
25/30	10 TO 20	40



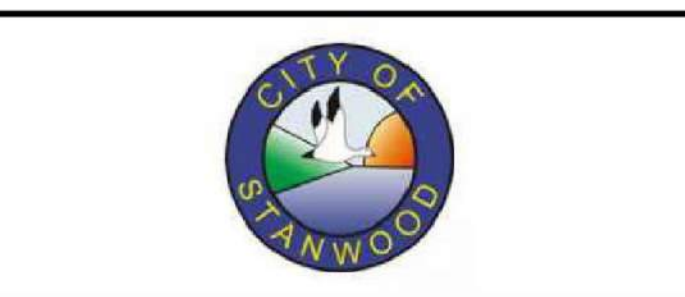
ZONE 3  
SCALE: 1" = 50'

Apr 09, 2024 - 11:40am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph 2\CADD\02 - Plan Sheets\20200032 TC3.dwg Layout Name: TC3

No.	Date	Revision	By	Appr.



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04/10/2024

Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
TRAFFIC CONTROL PLAN

Drawing No.  
**TC3**  
Sheet No.  
37  
41  
of Total



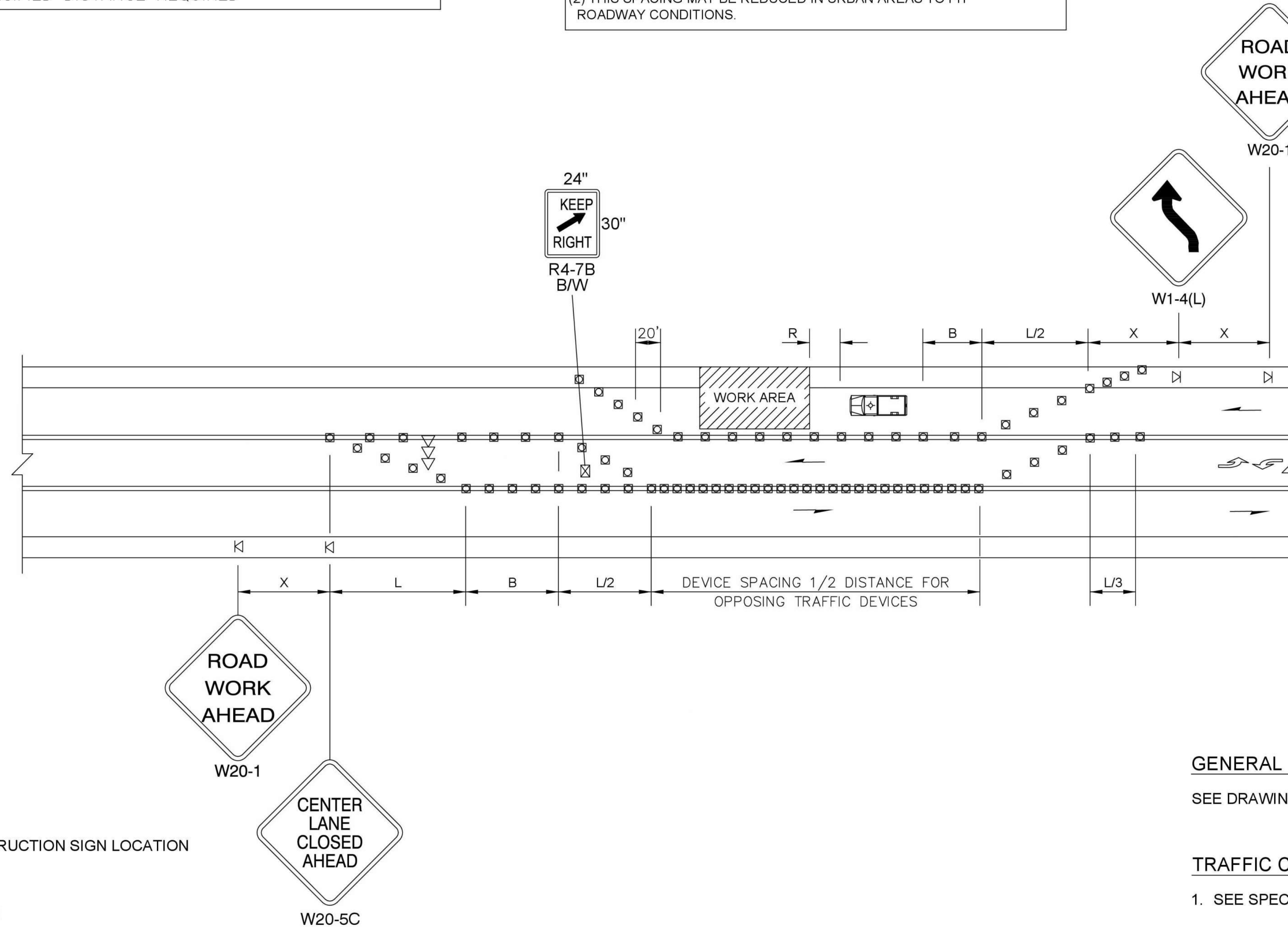
BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.  
 (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

MINIMUM TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	-

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/60	40	80
35/45	30	60
25/30	20	40



**TRAFFIC CONTROL LEGEND:**

- TRIPOD MOUNTED CONSTRUCTION SIGN LOCATION
- CHANNELIZING DEVICES
- SEQUENTIAL ARROW SIGN
- PROTECTIVE VEHICLE - RECOMMENDED
- CONSTRUCTION SIGN LOCATION (5' MOUNTING HEIGHT)

**GENERAL NOTES:**

SEE DRAWING NO. CS1.

**TRAFFIC CONTROL NOTES:**

1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
2. RECOMMENDED EXTENDING DEVICE TAPER (L/3) ACROSS SHOULDER.

**LANE SHIFT - THREE LANE ROADWAY**

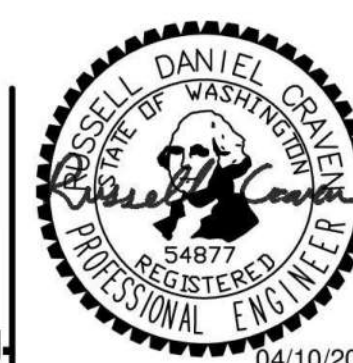
NOT TO SCALE

Apr 09, 2024 - 11:40am Kevin Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 TC3.dwg Layout Name: TC4

**PERTEET**  
 2707 COLBY AVENUE, SUITE 900  
 EVERETT, WA 98201  
 425.252.7700 | 800.615.9900



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Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

Project Number  
20200032.0000

CITY OF STANWOOD  
 VIKING WAY PHASE 2  
 STAGE 2  
 TRAFFIC CONTROL PLAN

Drawing No.  
**TC4**  
 Sheet No.  
38  
 of Total  
41



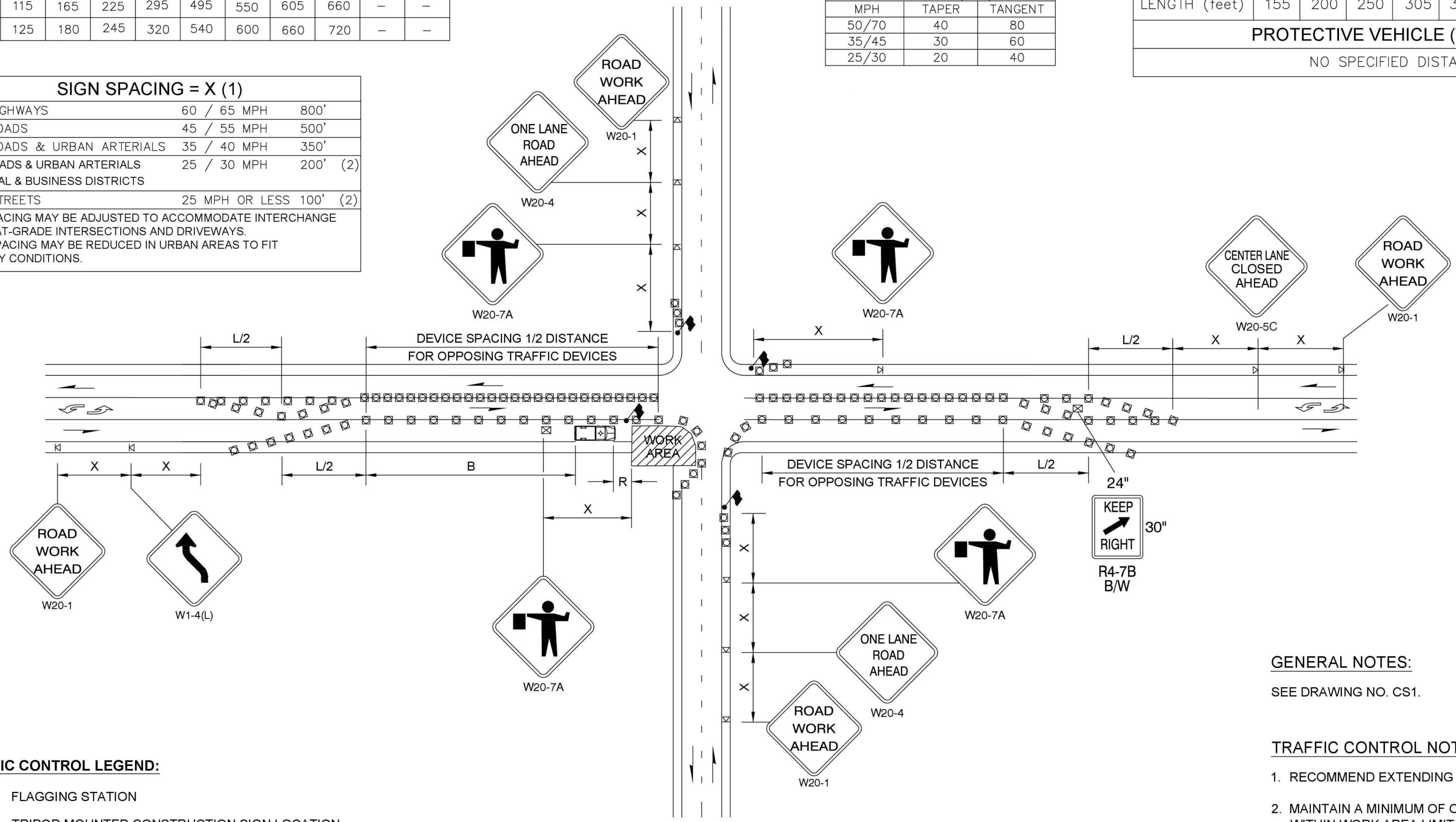
MINIMUM TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	-	-

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.  
 (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40



- TRAFFIC CONTROL LEGEND:**
- FLAGGING STATION
  - TRIPOD MOUNTED CONSTRUCTION SIGN LOCATION
  - CHANNELIZING DEVICES
  - PROTECTIVE VEHICLE - RECOMMENDED
  - CONSTRUCTION SIGN LOCATION (5' MOUNTING HEIGHT)

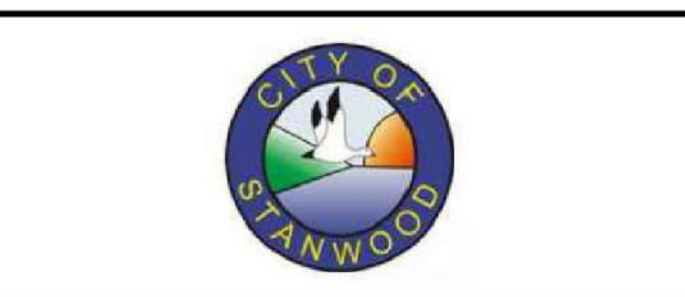
- GENERAL NOTES:**
- SEE DRAWING NO. CS1.
- TRAFFIC CONTROL NOTES:**
- RECOMMEND EXTENDING DEVICE TAPER (L/3) ACROSS SHOULDER.
  - MAINTAIN A MINIMUM OF ONE ACCESS POINT FOR EACH BUSINESS WITHIN WORK AREA LIMIT.

**INTERSECTION LANE CLOSURE - THREE LANE ROADWAY**  
NOT TO SCALE

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No.	Date	Revision	By	Appr.

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Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
TRAFFIC CONTROL PLAN

Drawing No. <b>TC5</b>
Sheet No. 39
41 of Total



**GENERAL NOTES**

SEE DRAWING NO. CS1.  
SEE DRAWING NO. TC1 FOR BARRICADE AND ROAD CLOSED SIGN LOCATIONS

**DETOUR LEGEND:**

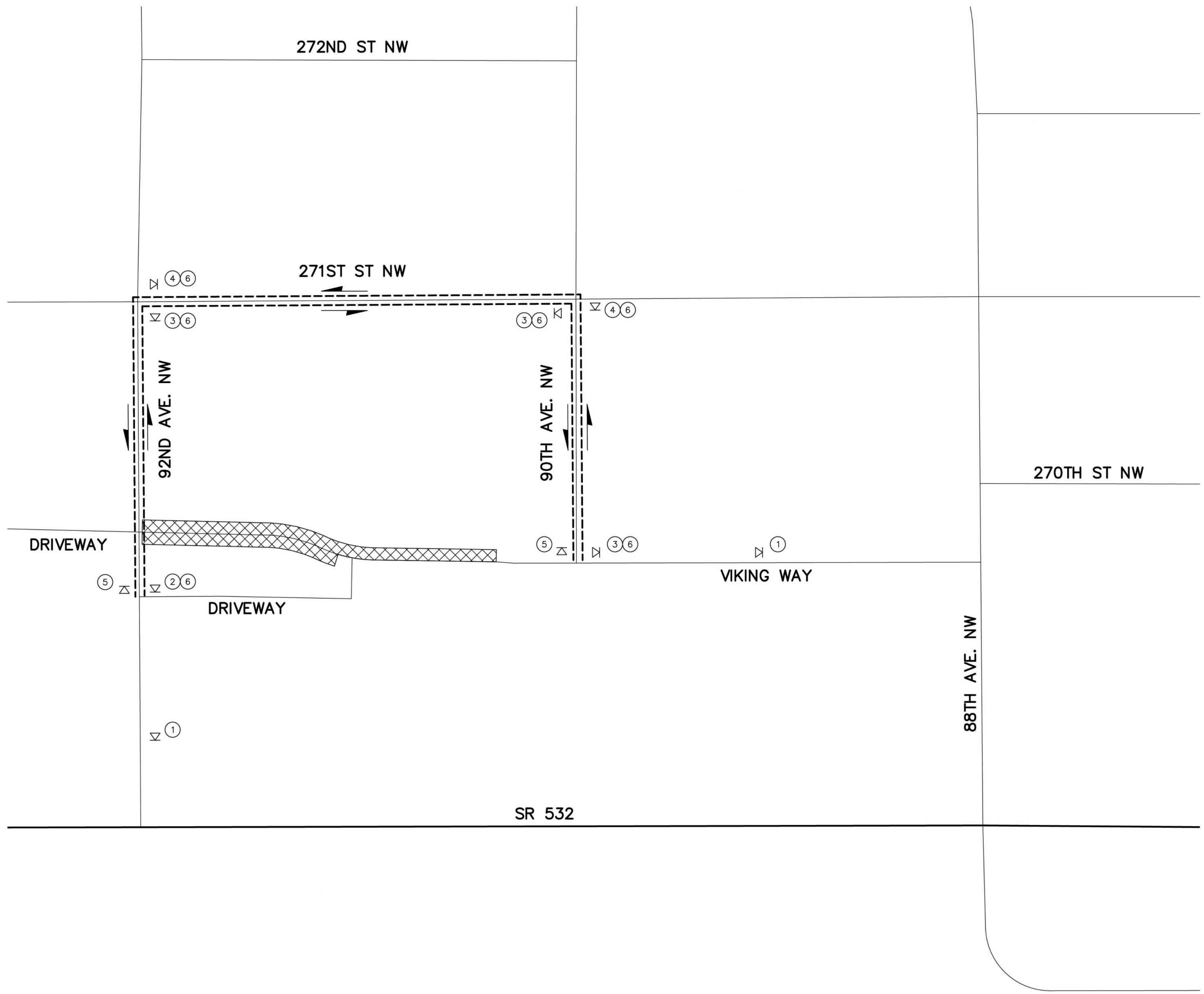
- CLASS B SIGN LOCATION
- SIGN LEGEND NO.
- DETOUR ROUTE
- TYPE 3 BARRICADE
- DETOUR ROUTE DIRECTION OF TRAVEL
- ROAD CLOSED

**SIGN LEGEND:**

**SIGN SPACING**

ROAD TYPE	SPEED LIMIT	SPACING
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

(1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.  
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

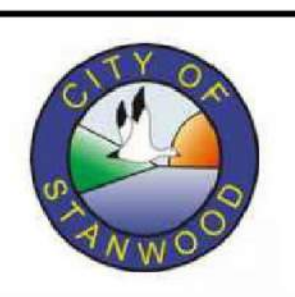


**ZONE 1 - VIKING WAY FULL CLOSURE**  
N.T.S.

Apr 09, 2024 - 11:40am Kevin.Cronenwett X:\Stanwood\_City of\Projects\20200032 - Viking Way Ph. 2\CADD\02 - Plan Sheets\20200032 DT.dwg Layout Name: DT1

No.	Date	Revision	By	Appr.

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Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
DETOUR PLAN




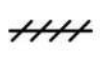


Drawing No. <b>DT1</b>
Sheet No. 40
41 of Total



**GENERAL NOTES**

SEE DRAWING NO. CS1.  
SEE DRAWING NO. TC1 FOR BARRICADE AND ROAD CLOSED SIGN LOCATIONS

**DETOUR LEGEND:**

-  CLASS B SIGN LOCATION
-  SIGN LEGEND NO.
-  DETOUR ROUTE
-  TYPE 3 BARRICADE
-  DETOUR ROUTE DIRECTION OF TRAVEL
-  ROAD CLOSED

**SIGN LEGEND:**

SIGN SPACING		
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

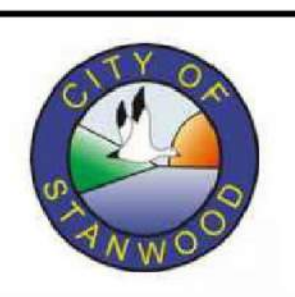
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(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



ZONE 2 - VIKING WAY FULL CLOSURE  
N.T.S.

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No.	Date	Revision	By	Appr.




Drawn By N. EATON	Date 04/09/2024
Designed By J. LEE	04/09/2024
Checked By R. CRAVEN	04/09/2024
Approved By D. HANSEN	04/09/2024

CITY OF STANWOOD  
VIKING WAY PHASE 2  
STAGE 2  
DETOUR PLAN

Drawing No. <b>DT2</b>
Sheet No. 41 of 41