WATER SYMBOLS AND LINETYPES

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		FIRE HYDRANT	FH/FHP
W	W	WATER METER	WM/WMP
		BLOW-OFF	BO/BOP
		WATER VALVE	WV/PVALVE
		THRUST BLOCK	WTB/WTBP
		CROSS	CROSS/CROSSP
		TEE	TEE/TEEP
		REDUCER	WRED/WREDP
		PLUG	WCAP/WCAPP

LINETYPE EXISTING	LINETYPE PROPOSED	DESCRIPTION	LINETYPE
W	W	WATER LINE	WAT-LINE
IRR	IRR	IRRIGATION MAIN	IRR-LINE
		IRRIGATION LATERAL	CONTINUOUS

SANITARY/STORM SEWER SYMBOLS AND LINETYPES

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
S	S	SANITARY SEWER MANHOLE	SANMH/SANMHP
C	C	SANITARY SEWER CLEAN OUT	SANCO/SANCOP
SS	SS	STORM MANHOLE	STMMH/STMMHP
D	D	STORM DRYWELL	STMDW/STMDWP
WQ	WQ	WATER QUALITY MANHOLE	STMWQ/STMWQP
		STORM CATCH BASIN	STMCB/STMCBP
		CURB INLET	STMINLET/STMINLETP
		COMBINATION CURB INLET	STMCBINT/STMCBINTP
		STORM CULVERT	SDC/SDCP

LINETYPE EXISTING	LINETYPE PROPOSED	DESCRIPTION	LINETYPE
SAN	SAN	SAN SEWER	SAN-LINE
STM	STM	STM SEWER	STM-LINE

POWER/TELEPHONE/GAS SYMBOLS AND LINETYPES

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		POWER POLE	PPOLE/PPOLE-P
		PAD MOUNTED TRANSFORMER	PTRAN/PTRANP
P	P	POWER VAULT (UNDERGROUND)	PWRVLT/PWRVLTP
P	P	CPU JB	PWRVLT/PWRVLTP
P	P	POWER VAULT (ABOVE GROUND)	PVAULT/PVAULTP
		TRANSMISSION TOWER	PTRANS/PTRANSP
		POLE ANCHOR	ANCHOR/ANCHORP
T	T	TELEPHONE PEDESTAL	TELPED/TELPEDP
T	T	TELEPHONE VAULT	TV/TVP
T	T	TELEPHONE MANHOLE	TMH/TMHP
		GAS METER	GMET/GMETP
		GAS VALVE	GV/GVP

LINETYPE EXISTING	LINETYPE PROPOSED	DESCRIPTION	LINETYPE
PUD	PUD	POWER	PWR-LINE
TEL	TEL	TELEPHONE	TEL-LINE
GAS	GAS	GAS	GAS-LINE
QLN	QLN	CABLE TV	CABLE-TV

PROFILE INFORMATION

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		MANHOLE-PROFILE	MANHOLE/PMANHOLE
		CATCH BASIN-PROFILE	CATCHBASIN/PCATCHBASIN
		CLEAN OUT-PROFILE	CLEANOUT/PCLEANOUT

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	SYMBOL EXISTING/PROPOSED
		UTILITY LINES	HIDDEN/CONTINUOUS (LINES SEPARATED WHATEVER THE PIPE SIZE)

SURFACE FEATURES/LANDSCAPING

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		SIGN	SIGN/SIGNP
		SIGN POST	SGNPOST/SGNPOSTP
		POST	POST/POSTP
B	B	BOLLARD	BOLLARD/BOLLARDP
		MAIL BOX	MBOX/MBOXP
BUS	BUS	BUS STOP	SFBS/SFBSP
		SOIL BORING	SSB
		CONIFER	CTREE/CTREEP
		TREE (DECID)	DTREE/DTREEP
		SHRUB (DECID)	DSHRUB/DSHRUBP
		SHRUB (EVERG)	ESHRUB/ESHRUBP
		WETLANDS	SWAMP/SWAMPP
		RIP RAP	RIPRAP/RIPRAPP
		RAILROAD CROSSING MAST ARM	RR-MAST/PRR-MAST

LIGHTING SYMBOLS

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		STREET LIGHT	STLIGHT/STLIGHTP
WP	WP	STREET LIGHT ON WOOD POLE	STLIGHT/STLIGHTP
		YARD LIGHT	SFL/SFLP

MARKING SYMBOLS

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		BIKE LANE	CB/CBP
		HANDICAP SYMBOL	CHS/CHSP
		H.O.V. LANE SYMBOL	CHOV/CHOVP
ONLY	ONLY	ONLY	CO/COP
RR	RR	RAILROAD CROSSING	CRR/CRRP
SCHOOL	SCHOOL	SCHOOL	CSC/CSCP
STOP	STOP	STOP	CS/CSP
BUMP	BUMP	BUMP	BUMP/BUMPP
		SPEED HUMP/CUSHION TRIANGLE	TSBM1/TSBM1P
		STRAIGHT ARROW	CSA/CSAP
		2-WAY LEFT TURN	C2W/C2WP
		LEFT TURN ARROW	CLT/CLTP
		RIGHT TURN ARROW	CRT/CRTP
		LEFT-STRAIGHT ARROWS	CLS/CLSP
		RIGHT-STRAIGHT ARROWS	CRS/CRSP
		YIELD STOP BAR	TRIANGLE_STOP BAR_SMALL/ PTRIANGLE_STOPBAR_SMALL
		PARKING TEE	PARKING-T/PARKING-T-P
		PARKING PLUS	PARKING-PLUS/PARKING-PLUS-P
RAISED MARKERS:			
		LANE MARKERS TYPE I	CLM1/CLM1P
		LANE MARKERS TYPE II	CLM2/CLM2P

SURVEY SYMBOLS

SYMBOL EXISTING	SYMBOL PROPOSED	DESCRIPTION	BLOCK
		SECTION CORNER	SECCOR
		QUARTER CORNER N/S	QCORNS
		QUARTER CORNER E/W	QCOREW
		SPOT ELEVATION	SPOTEL
		BENCH MARK	BENCHMRK
		PK NAIL	PK
		MONUMENT	CONCMON
		IRON PIPE	IP
		OWNERSHIP TIE	SOT

DRS STANDARD SYMBOLS AND LINETYPES

REFERENCE LINETYPES/HATCH PATTERNS

SAMPLE LINETYPE EXISTING	SAMPLE LINETYPE PROPOSED	DESCRIPTION	LINETYPE
		D.L.C.	BORDER
		SUBDIVISION BOUNDARY	CONTINUOUS
		PRELIMINARY PLAT	CONTINUOUS
		PROPERTY LINES	DIVIDE
		TEMPORARY CONSTRUCTION PERMIT EASEMENT LINE	HIDDEN
	ESMT	ROAD EASEMENT	DASHED
R/W	R/W	RIGHT OF WAY	XROW/PROW
		CENTER LINE ROAD	CENTER
1+00 2+00	1+00 2+00	CENTER LINE TEXT	
		TRAVERSE LINE	CONTINUOUS/DASHED
		DIMENSION LINE	CONTINUOUS

FEATURE LINETYPES/HATCH PATTERNS

SAMPLE LINETYPE EXISTING	SAMPLE LINETYPE PROPOSED	DESCRIPTION	LINETYPE
		CURB/.5 OFFSET (EXIST)	PARALLEL HIDDEN
		CURB/CURB & GUTTER 1.0 OFFSET	PARALLEL HIDDEN/ CONTINUOUS
		PAVED ROAD	EP
		BRIDGE	DASHED
		GRAVEL ROAD	DASHED
		DRIVE/PARKING	DASHED
		SIDEWALK	DASHED/CONTINUOUS
		PEDESTRIAN RAMP	CONTINUOUS
		SAWCUT BOUNDARY	HIDDEN
		GUARD RAIL	GUARD_RT (_LT)/ GUARD_RT(_LT)
		TRAIL	PARALLEL DASH
		FENCE	FENCELINE3
		TREELINE	CONTINUOUS
		BRUSHLINE	CONTINUOUS
		CONCRETE PAD	CONTINUOUS
		RAILROAD (4.8' OFFSET)	PARALLEL/CONTINUOUS
		BUILDINGS	CONTINUOUS
		WATER EDGE	DASHDOT
		RETAINING WALL	CONTINUOUS/STONEWALL
		STAIRS	CONTINUOUS
		SLOPE (TOP, TOE)	CONTINUOUS
		SLOPE BANK	CONTINUOUS
122	122	CONTOURS MINOR	CONT-MNR
120	120	CONTOURS MAJOR	CONT-MJR
	C&G	CLEARING AND GRUBBING	C&G

STRIPING LINETYPES

SAMPLE LINETYPE EXISTING	SAMPLE LINETYPE PROPOSED	DESCRIPTION	LINETYPE
		CROSSWALK	CONTINUOUS
		SKIP STRIPE	STRP-SKIP
		LANELINE STRIPE	STRP-DASH
		CONTINUOUS STRIPE	CONTINUOUS
		INTERSECTION EXTENSION STRIPE	STRP-EXT

MISCELLANEOUS

SYMBOL	DESCRIPTION	BLOCK
	STANDARD NORTH ARROW	SNA
10 0 10 20 SCALE IN FEET	BAR SCALE	SCALE
20 0 20 40 HORIZ; 5 0 5 10 VERT SCALE IN FEET	BAR SCALE FOR PROFILES	SCALE-PRF
# OR # OR # OR # OR # OR # OR #	CALLOUT OPTIONS	CIR-N-B, BOX-BUBBLE, DIAMOND-BUBBLE, ELL-BUBBLE, REC-BUB, TWN OR SNOTE

CENTERLINE CURVE DATA

NUMBER	DELTA, ANGLE	RADIUS	LENGTH
C1	21°45'06"	250.00'	94.91'

CENTERLINE CURVE DATA TABLE — CURVEDATA

CURB RETURN DATA

NUMBER	RADIUS INFORMATION	RETURN INFORMATION OR STATION		TC ELEV
CR#	R=R Δ=DELTA L=L	STA. # 1/4 Δ 1/2 Δ 3/4 Δ STA. STA	# – – – #	# # # # #

CURVE DATA TABLE — CURBRETURNDATA

CR#
R=R Δ=DELTA L=L

CURVE DATA TABLE — CURBRETURNDATA-SMALL

CENTERLINE ELEVATION DATA

STATION	LEFT	RIGHT	TRANSITION TO
11+13.84	-2%	-2%	
11+70			11+90
11+90	+2%	+2%	
12+80			13+00

-2% = AWAY FROM NICHOLSON RD.
+2% = TOWARDS NICHOLSON RD.

CENTERLINE ELEVATION DATA TABLE FOR SUPER ELEVATIONS — CL-EL-DATA

TOTAL PROJECT UNADJUSTED EARTHWORK QUANTITIES

EXCAVATION	285 C.Y. (APPROX.)
EMBANKMENT	280 C.Y. (APPROX.)

EARTHWORK QUANTITIES TABLE — EARTHWORKS-Q

CALL BEFORE YOU DIG DECAL — DIGDECAL

PROFILE INFORMATION

SAMPLE LINETYPE	DESCRIPTION	LINETYPE
	FINE GRID - SPACING 1/10" **(OPTIONAL)**	CONTINUOUS
	HEAVY GRID - SPACING 1"	CONTINUOUS
	EXISTING GRADE	HIDDEN
	PROPOSED GRADE	CONTINUOUS
	PROPOSED TANGENT GRADE	HIDDEN2
PIPE SIZE AND TYPE	EXISTING UTILITIES	HIDDEN
PIPE SIZE AND TYPE	PROPOSED UTILITIES	PROPOSED UTILITIES

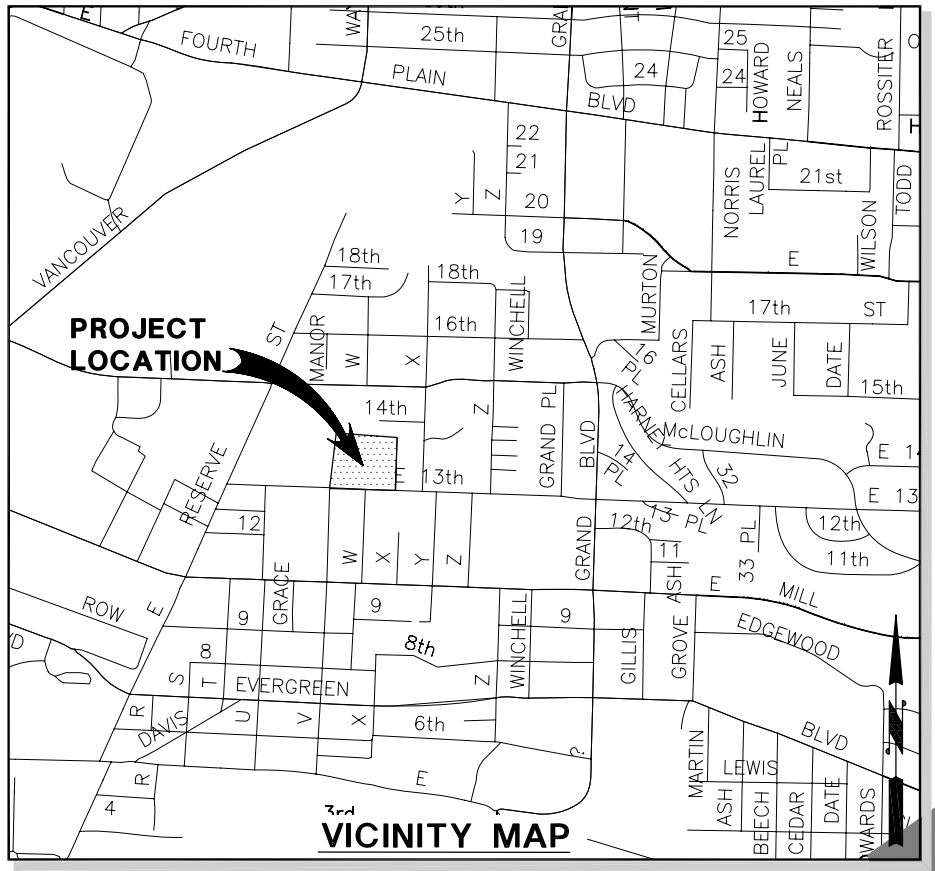
DRS STANDARD LINETYPES AND SYMBOLS

PLANS FOR PROPOSED

PROJECT NAME

ADDRESS AND PARCEL NUMBER

TOWNSHIP AND RANGE



OTHER DEPARTMENT GENERAL NOTES:

TRANSPORTATION GENERAL NOTES: (PLEASE USE LATEST NOTES)

ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE LATEST STANDARDS AND PRACTICE OF THE CITY OF VANCOUVER AND THE 2004 EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" AS PREPARED BY WSDOT AND APWA.

CITY OF VANCOUVER TRANSPORTATION SERVICES STANDARD DETAILS DATED _/_/200_ SHALL BE UTILIZED IN THE CONSTRUCTION OF THE TRANSPORTATION ELEMENTS OF THESE PLANS.

STREET SIGNING AND STRIPING SHALL BE INSTALLED BY THE DEVELOPER. ALL STREET SIGNS AND STRIPING SHALL BE INSTALLED PER THE MUTCD.

ALL CONSTRUCTION WITHIN CITY OF VANCOUVER OR CLARK COUNTY RIGHT-OF-WAY SHALL HAVE AN APPROVED TRAFFIC CONTROL PLAN AND RIGHT-OF-WAY PERMIT PRIOR TO ANY ON-SITE CONSTRUCTION ACTIVITY.

STREET LIGHTING WILL BE INSTALLED BY THE DEVELOPER PER P.U.D. APPROVED STREET LIGHTING PLANS.

PRE-PAVING AS-BUILTS SHALL BE SUBMITTED TO THE CITY OF VANCOUVER CONSTRUCTION OFFICE AND CITY INSPECTOR FOR BOTH SANITARY SEWER AND STORM SEWER, PRIOR TO PAVING.

PAVING WILL NOT BE ALLOWED DURING WET OR COLD WEATHER, PER W.S.D.O.T. SPECIFICATIONS.

ANY SIGNIFICANT DEVIATIONS FROM THE PLANS WILL REQUIRE A REQUEST FROM THE APPLICANT'S ENGINEER AND APPROVAL FROM THE CITY'S ENGINEER AND CITY INSPECTOR.

ALL PAVEMENT SHALL BE STRAIGHT CUT PRIOR TO PAVING. EXISTING PAVEMENT SHALL BE REMOVED AS NECESSARY TO PROVIDE A SMOOTH TRANSITION FOR BOTH RIDE AND DRAINAGE.

ALL ADA PEDESTRIAN RAMPS SHOWN ON THE PLANS AND ON THE DETAIL SHEETS SHALL BE CONSTRUCTED WITH THE PROJECT. WHERE THE SIDEWALK ENDS AT THE PROPERTY LINE, A PEDESTRIAN RAMP SHALL BE PROVIDED TO ACCOMMODATE WHEEL CHAIR ACCESS. SIDEWALKS SHALL BE CONSTRUCTED WITH THE PROJECT WHERE THERE IS AN EXISTING HOUSE, DRAINAGE SWALE, ETC. OR ALONG AN ARTERIAL THAT DOES NOT ALLOW ACCESS FROM THE NEW LOTS.

SUBGRADE PREPARATION DURING WET OR WINTER TIME CONSTRUCTION IS USUALLY/OFTEN NOT FEASIBLE. A WET OR WINTER TIME PLAN SHALL BE SUBMITTED TO CITY OF VANCOUVER, DEVELOPMENT ENGINEERING STAFF ACCORDING TO GEOTECHNICAL RECOMMENDATIONS FOR REVIEW AND APPROVAL IF THE CONTRACTOR PLANS TO COMMENCE WITH CONSTRUCTION DURING WET WEATHER CONDITIONS. IF PAVING FROM OCTOBER 15TH TO MARCH 30TH, A WET WEATHER SUBGRADE PREPARATION PLAN IS REQUIRED. THE SUBGRADE MUST BE OVER EXCAVATED AND A GEOTEXTILE LINER USED. THE INSPECTOR SHALL APPROVE A COMPLETE PROOF ROLL TEST ON BOTH SIDES OF THE STREET.

ALL TRAFFIC SIGNAL INTERCONNECT CONDUITS AND CABLES (COPPER OR FIBER OPTIC) SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. DUE TO THE IMPORTANCE OF MAINTAINING THESE COMMUNICATIONS, ANY DAMAGES TO THESE CABLES AND CONDUITS CAUSED BY THE CONTRACTOR OR ANY OF ITS AFFILIATES SHALL BE REPAIRED WITHIN 4 HOURS UNLESS OTHERWISE APPROVED BY ENGINEER. IF THIS REPAIR CAN NOT BE COMPLETED IN ALLOTTED TIME, WORK WILL BE DONE BY THE CITY OR ITS DESIGNEE AND ALL COSTS INCLUDING ANY OVERHEAD COSTS SHALL BE INVOICED TO THE CONTRACTOR.

ALL TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING CONSTRUCTION ACTIVITIES, EXCEPT AS INDICATED ON THE PLANS. ANY DAMAGES CAUSED BY THE CONTRACTOR OR ANY OF ITS AFFILIATES TO THE EXISTING TRAFFIC SIGNAL CONDUIT, WIRING, POLES, MAST ARMS, SIGNAL INDICATIONS, LOOP DETECTORS, AND OTHER RELATED COMPONENTS SHALL BE REPAIRED WITHIN 24 HOURS UNLESS OTHERWISE APPROVED BY ENGINEER. IF THIS REPAIR CAN NOT BE COMPLETED IN ALLOTTED TIME, WORK WILL BE DONE BY THE CITY OR ITS DESIGNEE AND ALL COSTS INCLUDING ANY OVERHEAD COSTS SHALL BE INVOICED TO THE CONTRACTOR.

CONTRACTOR SHALL REPORT ALL DAMAGES IMMEDIATELY TO THE CITY'S CONSTRUCTION SERVICES OFFICE AT (360)696-8050 OR CONTACT THE INSPECTOR ON THE JOB.

SHOULD ANY ITEM OF ARCHAEOLOGICAL INTEREST (VMC 20.99.1100) BE FOUND DURING DEVELOPMENT, YOU ARE REQUIRED TO STOP WORK AND NOTIFY THE PLANNING CASE MANAGER IN DEVELOPMENT REVIEW SERVICES AT (360) 696-8105, AND THE WASHINGTON STATE OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION AT (360) 753-4011 IMMEDIATELY. FAILURE TO DO SO COULD RESULT IN A FELONY CONVICTION.

City of VANCOUVER WASHINGTON

Plans reviewed for compliance with City Standards and Policies

Case Number ENG#

Recommended for Approval:

Fire Review	Date
Water Review	Date
Sewer Review	Date
Grading (UBC Compliance)	Date
Stormwater and Erosion Control	Date
Transportation Review	Date
Traffic Review	Date
Planning Review	Date

Improvement Summary

Street Improvements		LF
Water Main Footage		LF
Sewer Main Footage		LF
Trenching within City Right of Way		LF
Total Impervious Surface		SF
Private Impervious Surface		AC
Grading		CY

SHEET INDEX

BENCH MARK,
DATUM ELEVATION

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1-800-424-5555
"It's the Law"
CLARK COUNTY UTILITIES COORDINATING COUNCIL

DEVELOPER NAME
ADDRESS
CITY, STATE ZIP
PHONE NUMBER
EMAIL

ENGINEER NAME AND PE STAMP
ADDRESS
CITY, STATE ZIP
PHONE NUMBER
EMAIL

STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
EXPIRES

5/25/07

LEGEND

REFERENCE LINETYPES

EXISTING	PROPOSED	DESCRIPTION
		D.L.C.
		SUBDIV BOUNDARY
		PRELIMINARY PLAT
		PROPERTY LINES
	ESMT	PAVEMENT EASEMENT
R/W	R/W	RIGHT OF WAY
		CENTER LINE
1+00 2+00	1+00 2+00	CENTER LINE TEXT
		TRAVERSE LINE
		TEMPORARY CONSTRUCTION PERMIT LINE
		DIMENSION LINE

FEATURE LINETYPES

	CURB/.5 OFFSET
	CURB/CURB & GUTTER 1.0 OFFSET
	BRIDGE
	SIDEWALK
	PAVED ROAD
	GRAVEL ROAD
	DRIVE/PARKING
	GUARD RAIL
	TRAIL
x	FENCE
	TREELINE
	BRUSHLINE
	CONCRETE PAD
	RAILROAD (4.8' OFFSET)
	BUILDINGS
	WATER EDGE
	DRAINAGE DITCH
	RETAINING WALL
	STAIRS
CUT	CUT LIMITS
FILL	FILL LIMITS
C&G	CLEARING AND GRUBBING

UTILITY LINETYPES

W	WATER LINE
SAN	SANITARY SEWER
STM	STORM SEWER
PUD	POWER
TEL	TELEPHONE
GAS	GAS
QLN	CABLE TV
INT	INTERCONNECT CONDUIT
	FIBER OPTIC CONDUIT
LHT	LIGHTING
TS	TRAFFIC SIGNAL CONDUIT
TSFO	TRAFFIC SIGNAL CONDUIT FIBEROPTIC

WATER SYMBOLS

EXIST.	PROP.	DESCRIPTION
		FIRE HYDRANT
W	W	WATER METER
		BLOW-OFF
		WATER VALVE
		THRUST BLOCK
		CROSS
		TEE
		REDUCER
		PLUG

DRAINAGE SYMBOLS

EXIST.	PROP.	DESCRIPTION
SS	SS	STORM MANHOLE
D	D	STORM DRYWELL
WQ	WQ	WATER QUALITY MANHOLE
		STORM CATCH BASIN
		CURB INLET
		COMBINATION CURB INLET
		STORM CULVERT
		RIP RAP

SURVEY SYMBOLS

SYMBOL	DESCRIPTION
	SECTION CORNER
	QUARTER CORNER N/S
	QUARTER CORNER E/W
	SPOT ELEVATION
	BENCH MARK
	PK NAIL
	MONUMENT
	IRON PIPE
	OWNERSHIP TIE

SEWER SYMBOLS

EXIST.	PROP.	DESCRIPTION
S	S	SAN. SEWER MANHOLE
C	C	SAN. SEWER CLEAN OUT

POWER SYMBOLS

EXIST.	PROP.	DESCRIPTION
		POWER POLE
P	P	LIGHTING JUNCTION BOX
		PAD MOUNTED TRANSFORMER
P	P	POWER VAULT (UNDERGROUND)
P	P	POWER VAULT (ABOVE GROUND)
		TRANSMISSION TOWER
		POLE ANCHOR

TELEPHONE SYMBOLS

EXIST.	PROP.	DESCRIPTION
T	T	TELEPHONE PEDESTAL
T	T	TELEPHONE VAULT
T	T	TELEPHONE MANHOLE

GAS SYMBOLS

EXIST.	PROP.	DESCRIPTION
		GAS METER
		GAS VALVE

SURFACE/LANDSCAPING SYMBOLS

EXIST.	PROP.	DESCRIPTION
		POST
		SIGN
		SIGN POST
		CONIFER
		TREE (DECID)
		SHRUB (DECID)
		SHRUB (EVERG)
		WETLANDS
BUS	BUS	BUS STOP
		MAIL BOX
B	B	BOLLARD
		PARKING METER
		SOIL BORING

TRAFFIC SIGNAL INTERCONNECT AND LIGHTING SYMBOLS

EXIST.	PROP.	DESCRIPTION
		DIAMOND DETECTOR 6X8
		QUADRAPOLE DETECTOR 20'
		QUADRAPOLE DETECTOR 50'
		SQUARE DETECTOR 6X6
	XX	CIRCLE DETECTOR 6'
		BICYCLE DIAMOND DETECTOR 2'
		RADAR DETECTOR (RTMS) UNIT
		VIDEO CAMERA
		EV INDICATOR LIGHTS EV OPTICOM SENSOR
		PED. PUSHBUTTON
		TENON
		PEDESTRIAN SIGNAL HEAD
		VEHICLE SIGNAL HEAD
		VEHICLE SIGNAL HEAD W/ARROW INDICATOR
PV	PV	VEHICLE SIGNAL HEAD W/PROGRAMMED VISIBILITY
PV	PV	VEHICLE SIGNAL HEAD W/ARROW INDICATOR AND PROGRAMMED VISIBILITY
		OVERHEAD STREET NAME SIGN ASSEMBLY
		TRAFFIC CONTROL SIGN
		STREET NAME SIGN
		2'x2' TRAFFIC SIGNAL POLE
		3'x3' TRAFFIC SIGNAL POLE
		SIGNAL MAST ARM
		SIGNAL CONTROLLER CABINET
C	C	SERVICE CABINET
		JUNCTION BOX (TYPE IB)
		JUNCTION BOX (TYPE II)
M	M	JUNCTION BOX (TYPE II-M)
		JUNCTION BOX (TYPE 3)
		INTERCONNECT PEDESTAL
SB	SB	INTERCONNECT SPLICE BOX
FO	FO	FIBEROPTIC TERMINATION CABINET
CC	CC	CONTACTOR CABINET
		SAFETY LIGHT
		STREET LIGHT
WP	WP	STREET LIGHT ON UTILITY POLE
		YARD LIGHT

NOTE BUBBLES

#	POLE NOTE
#	SIGNING NOTE
XX	CONSTRUCTION NOTE
XX	CONSTRUCTION NOTE
#	CONSTRUCTION NOTE
#	CONSTRUCTION NOTE

ABBREVIATIONS

&	AND	BIT.	BITUMINOUS, BITUMEN	CONT.	CONTINUOUS	F.G.	FINISHED GRADE	JT.	JOINT	N	NORTH	P.V.C.	POLYVINYL CHLORIDE PIPE	T.C., TC	TOP OF CURB
@	AT			COORD.	COORDINATE	F.H.	FIRE HYDRANT			N.I.C.	NOT IN CONTRACT			T.J.	TOOLED JOINT
℄, CL	CENTERLINE	B.O.C.	BACK OF CURB	CTSK.	COUNTERSUNK	FO	FIBEROPTIC	K	RATE OF VERTICAL CURVATURE	NO.	NUMBER			T.S.	TOP OF SLOPE
℄, PL	PROPERTY LINE	BOP	BEGINNING OF PROJECT	C.Y.	CUBIC YARDS	F.O.C.	FACE OF CURB			N.T.S.	NOT TO SCALE	R	RISER	T.W.	TOP OF WALL
%	PERCENT					FT.	FOOT OR FEET					R, RAD.	RADIUS	T, TEL	TELEPHONE
#	NUMBER	BOT.	BOTTOM	DET.	DETAIL	FTG.	FOOTING			O.C.	ON CENTER	RIM	RIM ELEVATION	TV	CABLE TELEVISION
		B.S.	BOTTOM OF SLOPE	D.I.	DRAIN INLET			L.F.	LINEAR FEET	OPP.	OPPOSITE	REINF.	REINFORCED, REINFORCING	TS	TRAFFIC SIGNAL CONDUIT
A.B.	AS BUILT			DIA.	DIAMETER	G	GAS	L.P.	LOW POINT, LIGHT POLE				REQUIRED	TSFO	TRAFFIC SIGNAL CONDUIT FIBEROPTIC
AC.	ACRE	C&G	CLEARING & GRUBBING	D.I.P.	DUCTILE IRON PIPE	GA.	GAUGE	LT.	LIGHT	QLN	QWEST LOCAL NETWORK	REQD.			
A/C	ASPHALTIC CONCRETE			DWG.	DRAWING	GAL.	GALLON	LHT	LIGHTING			R.O.W., R/W	RIGHT OF WAY		
		CAL.	CALIPER			GALV.	GALVANIZED			P	PARKING			V.C.	VERTICAL CURVE
AGGR.	AGGREGATE	C.B.	CATCH BASIN	E	EAST			MAX.	MAXIMUM	P.A.	PLANTING AREA	S	SOUTH, SANITARY SEWER	VERT.	VERTICAL
ALT.	ALTERNATE	C.F.	CUBIC FEET	EA.	EACH	H/C, H.C.	HANDICAP	MB	MAILBOX	PAT.	PATTERN			V.P.I.	VERTICAL POINT OF INTERSECT
AP	ANGLE POINT	C.J.	CONTROL JOINT	EC	ENDING OF CURB	HORIZ.	HORIZONTAL	MED.	MEDIUM	P.C.	POINT OF CURVATURE	SAN	SANITARY SEWER		
APPROX.	APPROXIMATELY	CLR.	CLEAR	E.J.	EXPANSION JOINT	H.P.	HIGH POINT	MET.	METAL	P.C.C.	POINT OF COMPOUND CURVATURE	S.F.	SQUARE FEET		
		CMP	CORRUGATED METAL PIPE	EL.	ELEVATION	HT.	HEIGHT	MFR.	MANUFACTURER			SHT.	SHEET	W	WEST, WATER
B&B	BALLED AND BUR LAPPED	CMU	CONCRETE MASONRY PIPE	EOP	END OF PROJECT	HWY.	HIGHWAY	MH.	MANHOLE	PRC	POINT REVERSE CURVATURE	SLV.	SLEEVE	W/	WITH
				EP	EDGE OF PAVEMENT			MIN.	MINIMUM	P.S.	PIPE SLEEVE	SPA.	SPACES	W/O	WITHOUT
BC	BEGINNING OF CURB			EQ.	EQUAL	I.E.	INVERT ELEVATION	MISC.	MISCELLANEOUS	P.T.	POINT OF TANGENCY	SPECS.	SPECIFICATIONS	WPF.	WATERPROOF
		CONC.	CONCRETE	EX., EXIST.	EXISTING	IN.	INCHES			PUD	POWER	SQ.	SQUARE	W.W.M.	WELDED WIRE MESH
		CONST.	CONSTRUCTION	EXP.	EXPOSED	INT	INTERCONNECT					STL.	STEEL		
												STM	STORM SEWER		

BORDER AREA

BORDER AREA

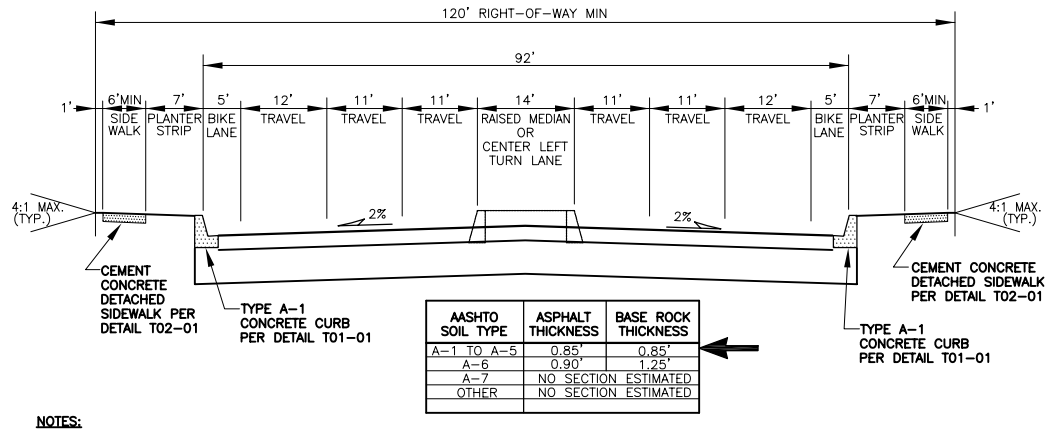
SAMPLE LEGEND AND ABBREVIATIONS PLAN

CALL 2 BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555 "It's the Law"

CLARK COUNTY UTILITIES COORDINATING COUNCIL

L:\CITYAPPS\AUTOCAD\DRAFTING STANDARDS 2007\DRS DRAFTING STANDARDS\DRS_LEGABBREV.DWG

5/25/07



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.85'	0.85'
A-6	0.90'	1.25'
A-7	NO SECTION ESTIMATED	
OTHER	NO SECTION ESTIMATED	

NOTES:

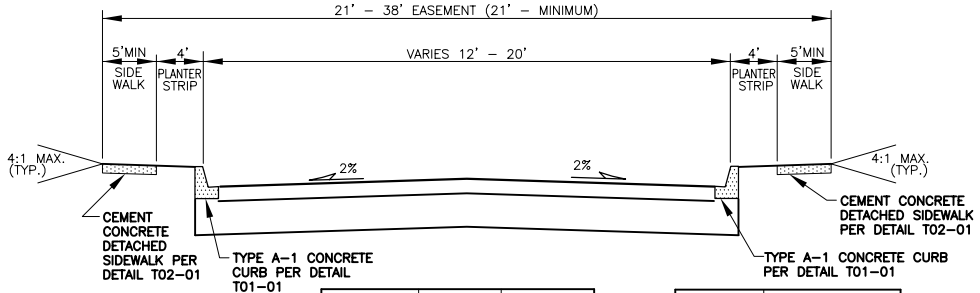
1. BASE ROCK SHALL CONFORM TO WSDOT SPECIFICATION FOR CRUSHED SURFACING BASE COURSE. ASPHALT TREATED BASE (ATB) MAY BE SUBSTITUTED FOR BASE ROCK. THE SUBSTITUTION RATIO SHALL BE 1" ATB=3" BASE ROCK.
2. ASPHALT CONCRETE FOR ALL ARTERIAL ROADWAYS SHALL BE CLASS A.
3. PRIOR TO ANY PAVEMENT DESIGN, CONTACT TRANSPORTATION SERVICES FOR DESIGN METHODOLOGY.
4. SUGGESTED PAVEMENT DESIGNS ARE FOR PROLONGED DRY WEATHER CONSTRUCTION. ADDITIONAL MATERIALS AND/OR GEOTEXTILE FABRICS MAY BE REQUIRED DURING WET WEATHER CONSTRUCTION.
5. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL ARTERIAL ROADWAY PAVING EXCEEDING 2000 S.F. THE PAVEMENT STRUCTURE SUGGESTED IN THE TABULAR DATA IS FOR ESTIMATING PURPOSES OR MINOR PAVING ACTIVITIES ONLY.
6. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL A-7 AND OTHER SOILS. THE PAVEMENT STRUCTURE SUGGESTED IN THE TABULAR DATA IS FOR ESTIMATING PURPOSES ONLY, ACTUAL PAVEMENT DESIGNS MAY REQUIRE SUBSTANTIALLY HIGHER STRENGTH. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
7. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL PCC PAVEMENT CONSTRUCTION.
8. MEANDERING SIDEWALKS MAY BE ALLOWED WITH THE TRANSPORTATION MANAGER'S APPROVAL.
9. WIDER SIDEWALKS SHALL BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
10. RAISED CENTER MEDIAN MAY BE REQUIRED TO BE LANDSCAPED.

TYPICAL SECTION A

ARTERIAL STREETS

STREET NAME(S)

STA. XX+XX TO STA. XX+XX



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.25'	0.65'
A-6	0.30'	0.75'
A-7	0.35'	1.25'
OTHER	NO SECTION ESTIMATED	

DWELLINGS	MIN. WIDTH (CURB TO CURB)
1-4	12' (SEE NOTE 9)
1-4*	16' (SEE NOTE 9)
5-8	20'

*(OVER 150-FOOT LENGTH)

NOTES:

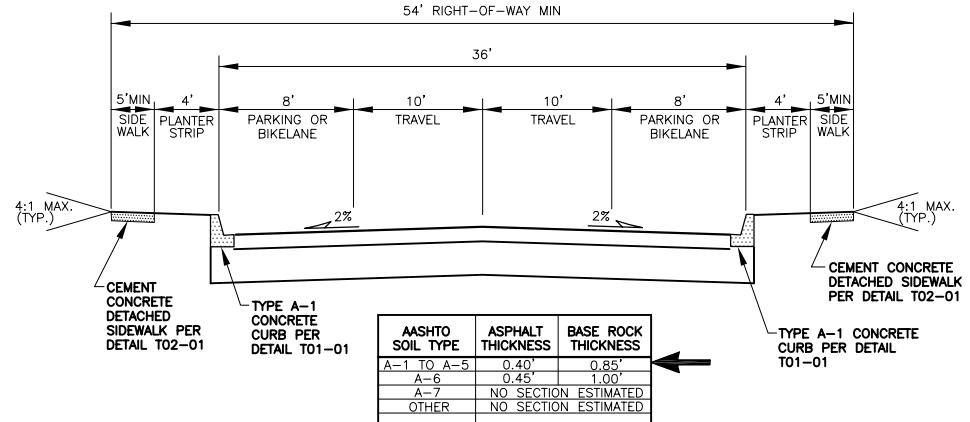
1. SIDEWALK REQUIRED ON EACH SIDE OF THE STREET WITH DRIVEWAY ACCESS.
2. BASE ROCK SHALL CONFORM TO WSDOT SPECIFICATIONS FOR CRUSHED SURFACING BASE COURSE. ASPHALT TREATED BASE (ATB) MAY BE SUBSTITUTED FOR BASE ROCK. THE SUBSTITUTION RATIO SHALL BE 1" ATB=3" BASE ROCK.
3. ASPHALT CONCRETE FOR ALL PRIVATE STREETS SHALL BE WSDOT CLASS A OR B.
4. PRIOR TO ANY PAVEMENT DESIGN, CONTACT TRANSPORTATION SERVICES FOR DESIGN METHODOLOGY.
5. SUGGESTED PAVEMENT DESIGNS ARE FOR PROLONGED DRY WEATHER CONSTRUCTION. ADDITIONAL MATERIALS AND/OR GEOTEXTILE FABRICS MAY BE REQUIRED DURING WET WEATHER CONSTRUCTION.
6. THE STREET SHALL BE WITHIN AN EASEMENT AND SHALL BE BOUNDED BY, AT A MINIMUM, THE BACK OF SIDEWALK OR THE BACK OF CURB, WHICHEVER IS FARTHER FROM THE STREET.
7. CROWN MAY BE ELIMINATED AND SLOPE IN ONE DIRECTION.
8. FOR INFILL STREETS, REFER TO V.M.C. 11.96 - INFILL DEVELOPMENT TRAFFIC STANDARDS.
9. PRIVATE STREETS SERVING 1-4 LOTS ARE NOT REQUIRED TO CONSTRUCT CURB AND GUTTER, SIDEWALK OR STREET LIGHTS.

TYPICAL SECTION C

PRIVATE STREETS

STREET NAME(S)

STA. XX+XX TO STA. XX+XX



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40'	0.85'
A-6	0.45'	1.00'
A-7	NO SECTION ESTIMATED	
OTHER	NO SECTION ESTIMATED	

NOTES:

1. BASE ROCK SHALL CONFORM TO WSDOT SPECIFICATION FOR CRUSHED SURFACING BASE COURSE. ASPHALT TREATED BASE (ATB) MAY BE SUBSTITUTED FOR BASE ROCK. THE SUBSTITUTION RATIO SHALL BE 1" ATB=3" BASE ROCK.
2. ASPHALT CONCRETE FOR ALL ACCESS/NEIGHBORHOOD CIRCULATOR ROADWAYS SHALL BE WSDOT CLASS A OR B.
3. PRIOR TO ANY PAVEMENT DESIGN, CONTACT TRANSPORTATION SERVICES FOR DESIGN METHODOLOGY.
4. SUGGESTED PAVEMENT DESIGNS ARE FOR PROLONGED DRY WEATHER CONSTRUCTION. ADDITIONAL MATERIALS AND/OR GEOTEXTILE FABRICS MAY BE REQUIRED DURING WET WEATHER CONSTRUCTION.
5. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL A-7 AND OTHER SOILS. THE PAVEMENT STRUCTURE SUGGESTED IN THE TABULAR DATA IS FOR ESTIMATING PURPOSES ONLY, ACTUAL PAVEMENT DESIGNS MAY REQUIRE SUBSTANTIALLY HIGHER STRENGTH. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
6. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL PCC PAVEMENT CONSTRUCTION.
7. MEANDERING SIDEWALKS MAY BE ALLOWED WITH THE TRANSPORTATION MANAGER'S APPROVAL.
8. WIDER SIDEWALKS SHALL BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.

TYPICAL SECTION B

NON-ARTERIAL STREETS

STREET NAME(S)

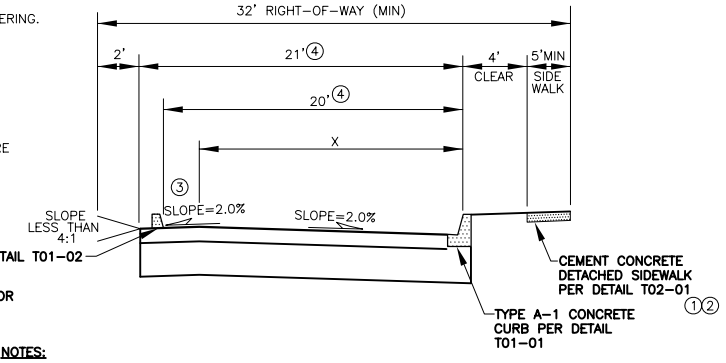
STA. XX+XX TO STA. XX+XX

① SIDEWALK SHALL BE DETACHED, MEANDERING.

② ATTACHED SIDEWALK ALLOWED WHEN DETACHED SIDEWALK IS NOT FEASIBLE.

③ DRAINAGE CAPACITY TO BE DESIGNED FOR FULL WIDTH STREET.

④ AN ADDITIONAL 5 FEET OF WIDTH IS REQUIRED IF MORE THAN FIVE LOTS ARE SERVED BY THIS STREET.



LOCAL ACCESS/ NEIGHBORHOOD CIRCULATOR

AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40'	0.85'
A-6	0.45'	1.00'
A-7	NO SECTION ESTIMATED	
OTHER	NO SECTION ESTIMATED	

LOOP ROAD

AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.25'	0.65'
A-6	0.30'	0.75'
A-7	0.35'	1.25'
OTHER	NO SECTION ESTIMATED	

ULTIMATE FULL WIDTH SECTION	X FT.
NEIGHBORHOOD CIRCULATOR	18
LOCAL ACCESS/	16
LOOP AND CUL-DE-SAC (T4-16)	14

NOTES:

1. BASE ROCK SHALL CONFORM TO WSDOT SPECIFICATION FOR CRUSHED SURFACING BASE COURSE. ASPHALT TREATED BASE (ATB) MAY BE SUBSTITUTED FOR BASE ROCK. THE SUBSTITUTION RATIO SHALL BE 1" ATB=3" BASE ROCK.
2. ASPHALT CONCRETE FOR ALL NEIGHBORHOOD CIRCULATORS/ LOOP ROADS SHALL BE WSDOT CLASS A OR B.
3. SUGGESTED PAVEMENT DESIGNS ARE FOR PROLONGED DRY WEATHER CONSTRUCTION.
4. ADDITIONAL MATERIALS AND/OR GEOTEXTILE FABRICS MAY BE REQUIRED DURING WET WEATHER CONSTRUCTION.
5. PRIOR TO ANY PAVEMENT DESIGN, CONTACT TRANSPORTATION SERVICES FOR DESIGN METHODOLOGY.
6. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL A-6, A-7 AND OTHER SOILS. THE PAVEMENT STRUCTURE SUGGESTED IN THE TABULAR DATA IS FOR ESTIMATING PURPOSES ONLY, ACTUAL PAVEMENT DESIGNS MAY REQUIRE SUBSTANTIALLY HIGHER STRENGTH. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
7. A PAVEMENT DESIGN REPORT SHALL BE REQUIRED FOR ALL PCC PAVEMENT CONSTRUCTION.
8. NO PARKING ALLOWED UNTIL THE PAVED WIDTH IS A MINIMUM 28 FEET.

TYPICAL SECTION D

HALF STREET IMPROVEMENTS

STREET NAME(S)

STA. XX+XX TO STA. XX+XX

BORDER AREA

BORDER AREA

SAMPLE TYPICAL SECTIONS

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STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

EXPIRES

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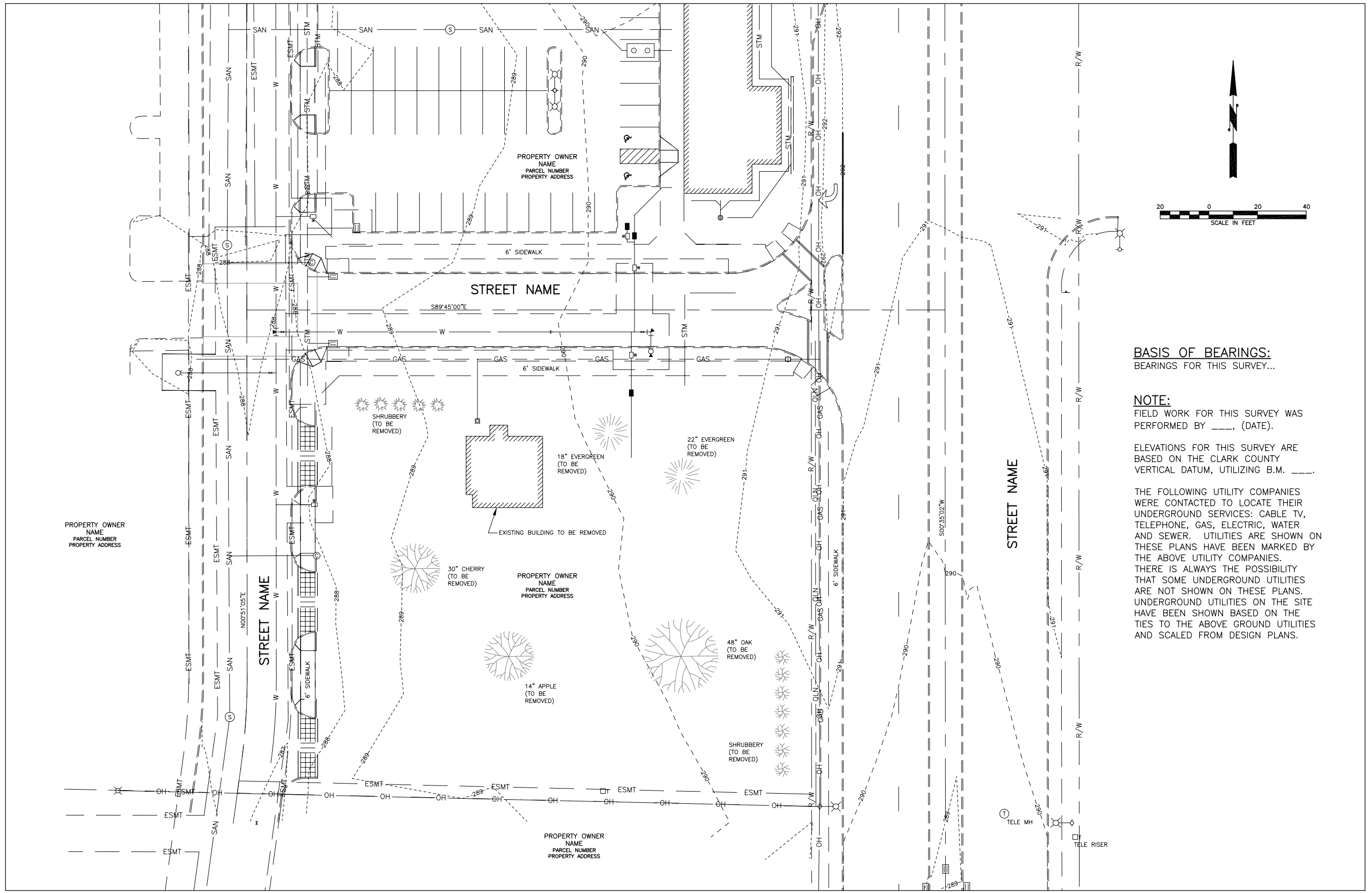
5/25/07

NE 1/4 SEC. 25, T2N, R2E, W.M.



BORDER AREA

BASIS OF BEARINGS:

BEARINGS FOR THIS SURVEY...

NOTE:

FIELD WORK FOR THIS SURVEY WAS PERFORMED BY ___, (DATE).

ELEVATIONS FOR THIS SURVEY ARE BASED ON THE CLARK COUNTY VERTICAL DATUM, UTILIZING B.M. ___.

THE FOLLOWING UTILITY COMPANIES WERE CONTACTED TO LOCATE THEIR UNDERGROUND SERVICES: CABLE TV, TELEPHONE, GAS, ELECTRIC, WATER AND SEWER. UTILITIES ARE SHOWN ON THESE PLANS HAVE BEEN MARKED BY THE ABOVE UTILITY COMPANIES. THERE IS ALWAYS THE POSSIBILITY THAT SOME UNDERGROUND UTILITIES ARE NOT SHOWN ON THESE PLANS. UNDERGROUND UTILITIES ON THE SITE HAVE BEEN SHOWN BASED ON THE TIES TO THE ABOVE GROUND UTILITIES AND SCALED FROM DESIGN PLANS.

BORDER AREA

SAMPLE EXISTING CONDITIONS PLAN

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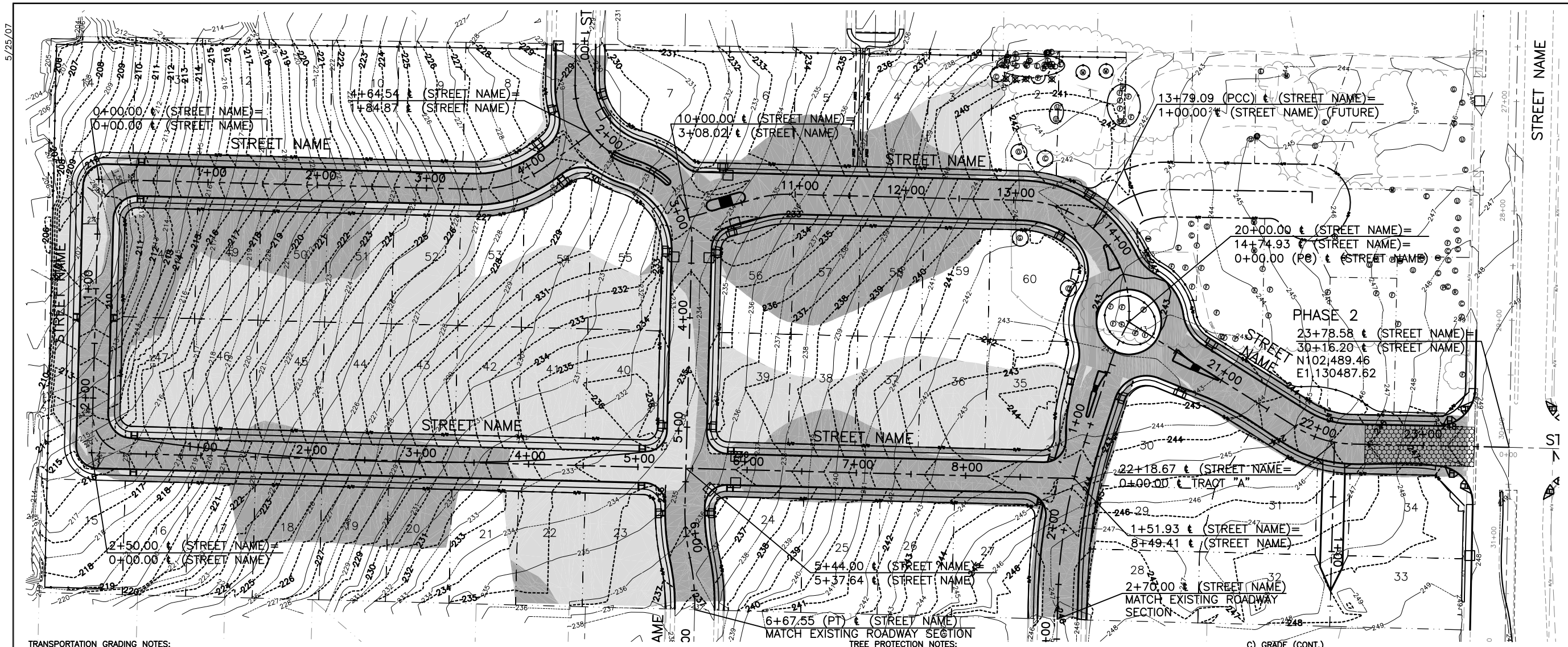


50 0 50 100
SCALE IN FEET

LEGEND

- GRAVEL CONST. ENTRANCE
- STRUCTURAL CUT AREA
- STRUCTURAL FILL AREA
- SILT FENCE
- FINISH GROUND CONTOURS ----308----
- EXIST. GROUND CONTOURS -----306----
- TREE PROTECTION FENCING (T)

TRANSPORTATION GRADING NOTES:

ALL CONSTRUCTION WITHIN CITY OF VANCOUVER OR CLARK COUNTY RIGHT-OF-WAY SHALL HAVE AN APPROVED TRAFFIC CONTROL PLAN AND RIGHT-OF-WAY PERMIT PRIOR TO ANY ON-SITE CONSTRUCTION ACTIVITY.

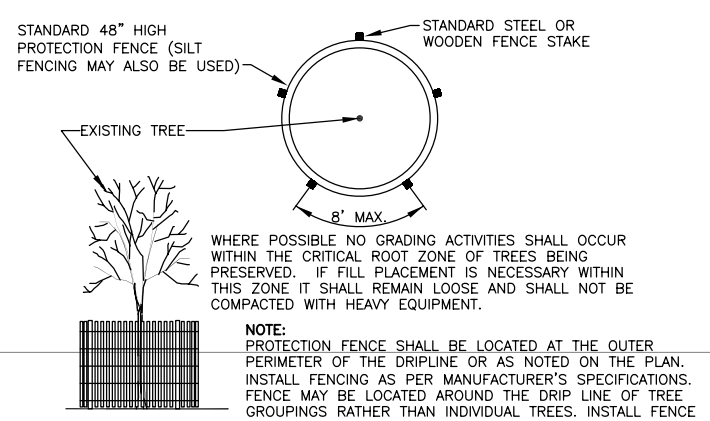
THE APPLICANT MAY BE REQUIRED TO PROVIDE FLAGGING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES FOR SAFE TRUCK ACCESS ONTO PUBLIC STREETS. ALL SUCH DEVICES SHALL CONFORM TO THE STANDARDS ESTABLISHED IN THE LATEST ADOPTED EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE MODIFICATIONS TO THE MUTCD FOR STREETS AND HIGHWAYS FOR THE STATE OF WASHINGTON.
IN ORDER TO ENHANCE TRAFFIC AND SAFETY ELEMENTS, THE APPLICANT SHALL MAINTAIN ADEQUATE SIGHT DISTANCE AT THE SITE ACCESS POINTS AND INTERSECTIONS. DRIVEWAY EXITS SHALL MEET THE SIGHT DISTANCE REQUIREMENTS PER VMC 11.90.060, CITY STANDARD PLAN T04-03 AND T04-04. ANY OBSTRUCTIONS BY LANDSCAPING, SIGNING, PARKING, BUILDINGS, OR OTHER OBJECTS ARE UNSAFE. THE APPLICANT SHALL INSURE THAT NONE OF THESE INTERFERE WITH VISION CLEARANCE REQUIREMENTS.

TWO-WAY TRAFFIC MUST BE MAINTAINED AT ALL TIMES ON THE ADJACENT PUBLIC STREETS.

SHOULD ANY ITEM OF ARCHAEOLOGICAL INTEREST (VMC 20.99.1100) BE FOUND DURING DEVELOPMENT, YOU ARE REQUIRED TO STOP WORK AND NOTIFY THE PLANNING CASE MANAGER IN DEVELOPMENT REVIEW SERVICES AT (360) 696-8105, AND THE WASHINGTON STATE OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION AT (360) 753-4011 IMMEDIATELY. FAILURE TO DO SO COULD RESULT IN A FELONY CONVICTION.

ANY PUBLIC, OR PRIVATE, CURB, GUTTER, SIDEWALK, OR ASPHALT DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED TO CITY OF VANCOUVER STANDARDS.

IF ANY FILL IS PROPOSED WITHIN CURRENT, OR FUTURE, RIGHT-OF-WAY THE CONTRACTOR SHALL PLACE SUCH FILL IN ACCORDANCE WITH 2004 WSDOT STANDARD SPECIFICATIONS SECTION 2-03.3(14)C METHOD B.



WHERE POSSIBLE NO GRADING ACTIVITIES SHALL OCCUR WITHIN THE CRITICAL ROOT ZONE OF TREES BEING PRESERVED. IF FILL PLACEMENT IS NECESSARY WITHIN THIS ZONE IT SHALL REMAIN LOOSE AND SHALL NOT BE COMPACTED WITH HEAVY EQUIPMENT.

NOTE:
PROTECTION FENCE SHALL BE LOCATED AT THE OUTER PERIMETER OF THE DRIPLINE OR AS NOTED ON THE PLAN. INSTALL FENCING AS PER MANUFACTURER'S SPECIFICATIONS. FENCE MAY BE LOCATED AROUND THE DRIP LINE OF TREE GROUPINGS RATHER THAN INDIVIDUAL TREES. INSTALL FENCE PRIOR TO ANY GRADING OPERATIONS.

TREE PROTECTION DETAIL
NO SCALE

TREE PROTECTION NOTES:

PRIOR TO INITIATING TREE REMOVAL ON THE SITE, VEGETATED AREAS AND INDIVIDUAL TREES TO BE PRESERVED SHALL BE PROTECTED FROM POTENTIALLY DAMAGING ACTIVITIES PURSUANT TO THE FOLLOWING STANDARDS:

A) PLACING MATERIAL NEAR TREES.
NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE PROTECTED AREA OF ANY TREE DESIGNATED TO REMAIN, INCLUDING, BUT NOT LIMITED TO, PARKING EQUIPMENT, PLACING SOLVENTS, STORING BUILDING MATERIAL AND SOIL DEPOSITS, DUMPING CONCRETE WASHOUT AND LOCATING BURN HOLES.
1. ATTACHMENTS TO TREES.
DURING CONSTRUCTION, NO PERSON SHALL ATTACH ANY OBJECT TO ANY TREE DESIGNATED FOR PROTECTION.

B) PROTECTIVE BARRIER.
BEFORE DEVELOPMENT, LAND CLEARING, FILLING OR ANY LAND ALTERATION FOR WHICH A TREE REMOVAL PERMIT IS REQUIRED, THE APPLICANT:
1. SHALL ERECT AND MAINTAIN READILY VISIBLE PROTECTIVE TREE FENCING ALONG THE OUTER EDGE AND COMPLETELY SURROUNDING THE PROTECTED AREA OF ALL PROTECTED TREES OR GROUPS OF TREES. FENCES SHALL BE CONSTRUCTED OF CHAIN LINK AND AT LEAST FOUR FEET HIGH, UNLESS OTHER TYPE OF FENCING IS AUTHORIZED BY THE DIRECTOR.
2. SHALL PROHIBIT EXCAVATION OR COMPACTION OF EARTH OR OTHER POTENTIALLY DAMAGING ACTIVITIES WITHIN THE BARRIERS.
3. SHALL MAINTAIN THE PROTECTIVE BARRIERS IN PLACE UNTIL THE DIRECTOR AUTHORIZES THEIR REMOVAL OR A FINAL CERTIFICATE OF OCCUPANCY IS ISSUED, WHICHEVER OCCURS FIRST.
4. SHALL ENSURE THAT ANY LANDSCAPING DONE IN THE PROTECTED ZONE SUBSEQUENT TO THE REMOVAL OF THE BARRIERS SHALL BE ACCOMPLISHED WITH LIGHT MACHINERY OR HAND LABOR.
5. IN ADDITION TO THE ABOVE, THE DIRECTOR MAY REQUIRE THE FOLLOWING:
   a. COVER WITH MULCH TO A DEPTH OF AT LEAST SIX (6) INCHES OR WITH PLYWOOD OR SIMILAR MATERIAL THE AREAS ADJOINING THE CRITICAL ROOT ZONE OF A TREE IN ORDER TO PROTECT ROOTS FROM DAMAGE CAUSED BY HEAVY EQUIPMENT.
   b. MINIMIZE ROOT DAMAGE BY EXCAVATING A TWO (2) FOOT DEEP TRENCH, AT EDGE OF CRITICAL ROOT ZONE, TO CLEANLY SEVER THE ROOTS OF TREES TO BE RETAINED.
   c. HAVE CORRECTIVE PRUNING PERFORMED ON PROTECTED TREES IN ORDER TO AVOID DAMAGE FROM MACHINERY OR BUILDING ACTIVITY.
   d. MAINTAIN TREES THROUGHOUT CONSTRUCTION PERIOD BY WATERING AND FERTILIZING.

C) GRADE.
1. THE GRADE SHALL NOT BE ELEVATED OR REDUCED WITHIN THE CRITICAL ROOT ZONE OF TREES TO BE PRESERVED WITHOUT THE DIRECTOR'S AUTHORIZATION. THE DIRECTOR MAY ALLOW COVERAGE OF UP TO ONE HALF OF THE AREA OF THE TREE'S CRITICAL ROOT ZONE WITH LIGHT SOILS (NO CLAY) TO THE MINIMUM DEPTH NECESSARY TO CARRY OUT GRADING OR LANDSCAPING PLANS, IF IT WILL NOT IMPERIL THE SURVIVAL OF THE TREE. AERATION DEVICES MAY BE REQUIRED TO ENSURE THE TREE'S SURVIVAL.
2. IF THE GRADE ADJACENT TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD SLOUGH OR ERODE INTO THE TREE'S CRITICAL ROOT ZONE, IT SHALL BE PERMANENTLY STABILIZED TO PREVENT SUFFOCATION OF THE ROOTS.
3. THE APPLICANT SHALL NOT INSTALL AN IMPERVIOUS SURFACE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE TO BE RETAINED WITHOUT THE AUTHORIZATION OF THE DIRECTOR. THE DIRECTOR MAY REQUIRE SPECIFIC CONSTRUCTION METHODS AND/OR USE OF AERATION DEVICES TO ENSURE THE TREE'S SURVIVAL AND TO MINIMIZE THE POTENTIAL FOR ROOT INDUCED DAMAGE TO THE IMPERVIOUS SURFACE.
4. TO THE GREATEST EXTENT PRACTICAL, UTILITY TRENCHES SHALL BE LOCATED OUTSIDE OF THE CRITICAL ROOT ZONE OF TREES TO BE RETAINED. THE DIRECTOR MAY REQUIRE THAT UTILITIES BE TUNNELED UNDER THE ROOTS OF TREES TO BE RETAINED IF THE DIRECTOR DETERMINES THAT TRENCHING WOULD SIGNIFICANTLY REDUCE THE CHANCES OF THE TREE'S SURVIVAL.
5. TREES AND OTHER VEGETATION TO BE RETAINED SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. CLEARING OPERATIONS SHALL BE CONDUCTED SO AS TO EXPOSE THE SMALLEST PRACTICAL AREA OF SOIL TO EROSION FOR THE LEAST POSSIBLE TIME. TO CONTROL EROSION, SHRUBS, GROUND COVER AND STUMPS SHALL BE MAINTAINED ON THE INDIVIDUAL LOTS, WHERE FEASIBLE. WHERE NOT FEASIBLE APPROPRIATE EROSION CONTROL PRACTICES SHALL BE IMPLEMENTED PURSUANT TO VMC CHAPTER 14.24 AND 14.25.

D) DIRECTIONAL FELLING.
DIRECTIONAL FELLING OF TREES SHALL BE USED TO AVOID DAMAGE TO TREES DESIGNATED FOR RETENTION.

E) ADDITIONAL REQUIREMENTS.
THE DIRECTOR MAY REQUIRE ADDITIONAL TREE PROTECTION MEASURES WHICH ARE CONSISTENT WITH ACCEPTED URBAN FORESTRY PRACTICES.
(Ord. M-3286 1, 1997)

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SAMPLE GRADING AND EROSION CONTROL PLAN

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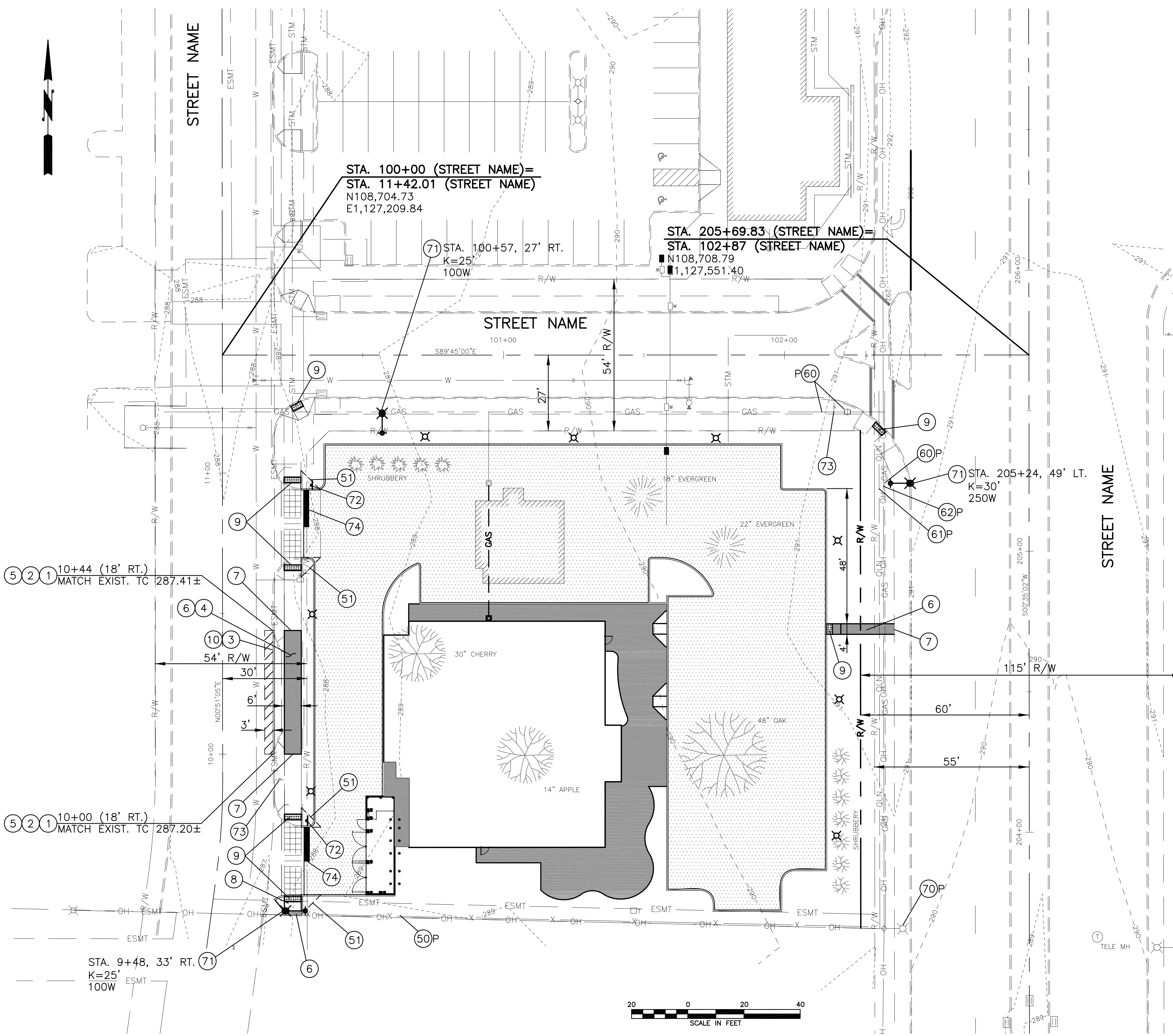
NE 1/4 SEC. 25, T2N, R2E, W.M.



CONSTRUCTION NOTES:

GENERAL NOTES

SEE SHEET ___ FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND AND TYPICAL SECTIONS.

STREET

1. SAWCUT EXISTING ASPHALT CONCRETE OR CEMENT CONCRETE PAVEMENT.
2. SAWCUT EXISTING CONCRETE CURB OR SIDEWALK.
3. CONSTRUCT TYPE E-1 CEMENT CONCRETE CURB AND GUTTER. SEE DETAIL T01-01.
4. REMOVE EXISTING DRIVEWAY.
5. MATCH NEW CURB TO EXISTING CURB. TRANSITION CURB EXPOSURE ON NEW CURB IN THE FIRST 10 HORIZONTAL FEET ADJOINING THE EXTRUDED CONCRETE BONDED CURB OR EXISTING CURB.
6. CONSTRUCT STANDARD SIDEWALK. SEE DETAIL T02-01.
7. MATCH NEW SIDEWALK TO EXISTING SIDEWALK.
8. CONSTRUCT DIRECTIONAL RAMP. SEE DETAILS T02-05B.
9. INSTALL 2' DETECTABLE WARNING STRIP, SEE DETAIL T02-15.
10. CONSTRUCT ROADWAY ASPHALT PAVEMENT SECTION (0.25' AC, 0.65' CSBC). SEE DETAIL T05-01.

MISCELLANEOUS

50. REMOVE (R) OR PROTECT (P) EXISTING FENCE. (A) ADJUST EXISTING GATE.
51. VISION CLEARANCE TRIANGLE, SEE DETAIL T04-04.

UTILITIES

60. PROTECT (P), REMOVE (R) OR RELOCATE (RR) EXISTING GAS LINE, UNIT OR VALVE.
61. PROTECT (P), EXISTING OVERHEAD POWER.
62. PROTECT (P), REMOVE (R) OR RELOCATE (RR) EXISTING CABLE LINE OR EQUIPMENT.

STREET LIGHTS, SIGNING/STRIPING AND TRAFFIC SIGNALS

70. PROTECT (P), REMOVE (R) OR RELOCATE (RR) EXISTING LIGHT POLE OR JUNCTION BOX.
71. INSTALL TYPE A LIGHTING STANDARD PER DETAILS T21-01A, T21-01B, T21-02 AND T21-03. SEE PLAN FOR STATION, OFFSET, HEIGHT (K) AND WATTAGE (W). FOR LIGHT STANDARD FOUNDATION, SEE DETAIL T21-10.
72. INSTALL STOP SIGN. SEE DETAILS T29-02 AND T29-03.
73. PROTECT EXISTING SIGNS.
74. INSTALL STOP BAR, PUT BEHIND CROSSWALK. SEE DETAIL T29-40

STORM SEWER, EROSION CONTROL, WATER, SANITARY SEWER AND MISCELLANEOUS UTILITY MODIFICATIONS.

SEE DRAINAGE, UTILITY PLANS AND EROSION CONTROL PLANS.

LANDSCAPING

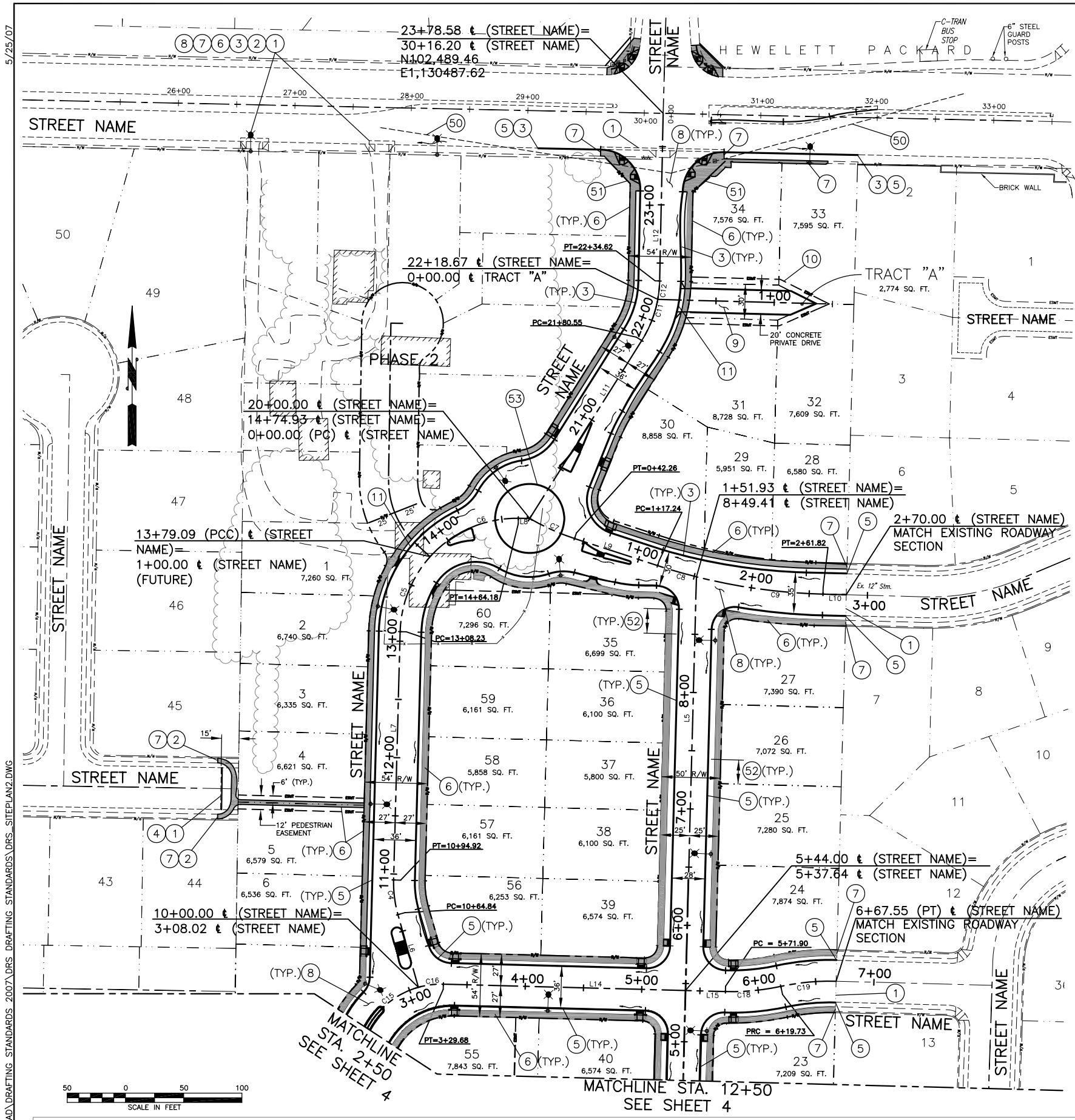
FOR TREE REMOVAL, TREE RELOCATION, NEW TREES AND OTHER LANDSCAPING DESIGN, SEE LANDSCAPING PLANS.

BORDER AREA

BORDER AREA

STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
EXPIRES

SAMPLE SITE PLAN 1



CONSTRUCTION NOTES:

GENERAL NOTES

SEE SHEET ___ FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND AND TYPICAL SECTIONS.

STREET

1. SAWCUT EXISTING ASPHALT CONCRETE OR CEMENT CONCRETE PAVEMENT.
2. SAWCUT EXISTING CONCRETE CURB OR SIDEWALK.
3. CONSTRUCT TYPE A–1 CEMENT CONCRETE CURB AND GUTTER. SEE DETAIL T01–01.
4. CONSTRUCT TYPE E–1 CEMENT CONCRETE CURB. SEE DETAIL T01–01.
5. MATCH NEW CURB TO EXISTING CURB. TRANSITION CURB EXPOSURE ON NEW CURB IN THE FIRST 10 HORIZONTAL FEET ADJOINING THE EXTRUDED CONCRETE BONDED CURB OR EXISTING CURB.
6. CONSTRUCT STANDARD SIDEWALK. SEE DETAIL T02–01.
7. MATCH NEW SIDEWALK TO EXISTING SIDEWALK.
8. CONSTRUCT ROADWAY ASPHALT PAVEMENT SECTION. SEE DETAIL T05–01 AND TYPICAL SECTIONS ON SHEET _.
9. CONSTRUCT PRIVATE STREET. ASPHALT PAVEMENT SECTION. SEE DETAIL T05–01 AND TYPICAL SECTION ON SHEET _.
10. PERMANENT EASEMENT, SEE ___ FOR DIMENSIONS.
11. INSTALL ROLLED CURB DRIVEWAY ENTRANCE. SEE DETAIL T01–01 FOR ROLLED CURB. FOR DRIVEWAY PAVEMENT THICKNESS, SEE DETAIL T01–04.

MISCELLANEOUS

50. INTERSECTION SIGHT DISTANCE TRIANGLE, SEE DETAIL T04–03.
51. VISION CLEARANCE TRIANGLE, SEE DETAIL T04–04.
52. FOR DRIVEWAY SPACING SEE DETAIL T04–12.
53. SEE ROUNDABOUT AND ISLAND PLAN AND DETAILS ON SHEET _.

STREET LIGHTS, SIGNING/STRIPING AND TRAFFIC SIGNALS

SEE ILLUMINATION, SIGNING/STRIPING PLANS AND TRAFFIC SIGNAL PLANS.

STORM SEWER, EROSION CONTROL, WATER, SANITARY SEWER AND MISCELLANEOUS UTILITY MODIFICATIONS.

SEE DRAINAGE, UTILITY PLANS AND EROSION CONTROL PLANS.

LANDSCAPING

FOR TREE REMOVAL, TREE RELOCATION, NEW TREES AND OTHER LANDSCAPING DESIGN, SEE LANDSCAPING PLANS.

BORDER AREA

CENTERLINE LINE DATA

NUMBER	BEARING	LENGTH
L4	N01°30'22"E	508.00'
L5	N01°30'22"E	355.41'
L6	N15°43'49"E	64.84'
L7	N01°30'22"E	213.31'
L8	S89°08'47"E	9.77'
L9	S71°55'36"E	74.98'
L10	S88°29'38"E	20.00'
L11	N32°11'29"E	180.55'
L12	N01°12'35"E	193.96'
L14	S88°29'38"E	207.96'
L15	S88°29'38"E	34.26'

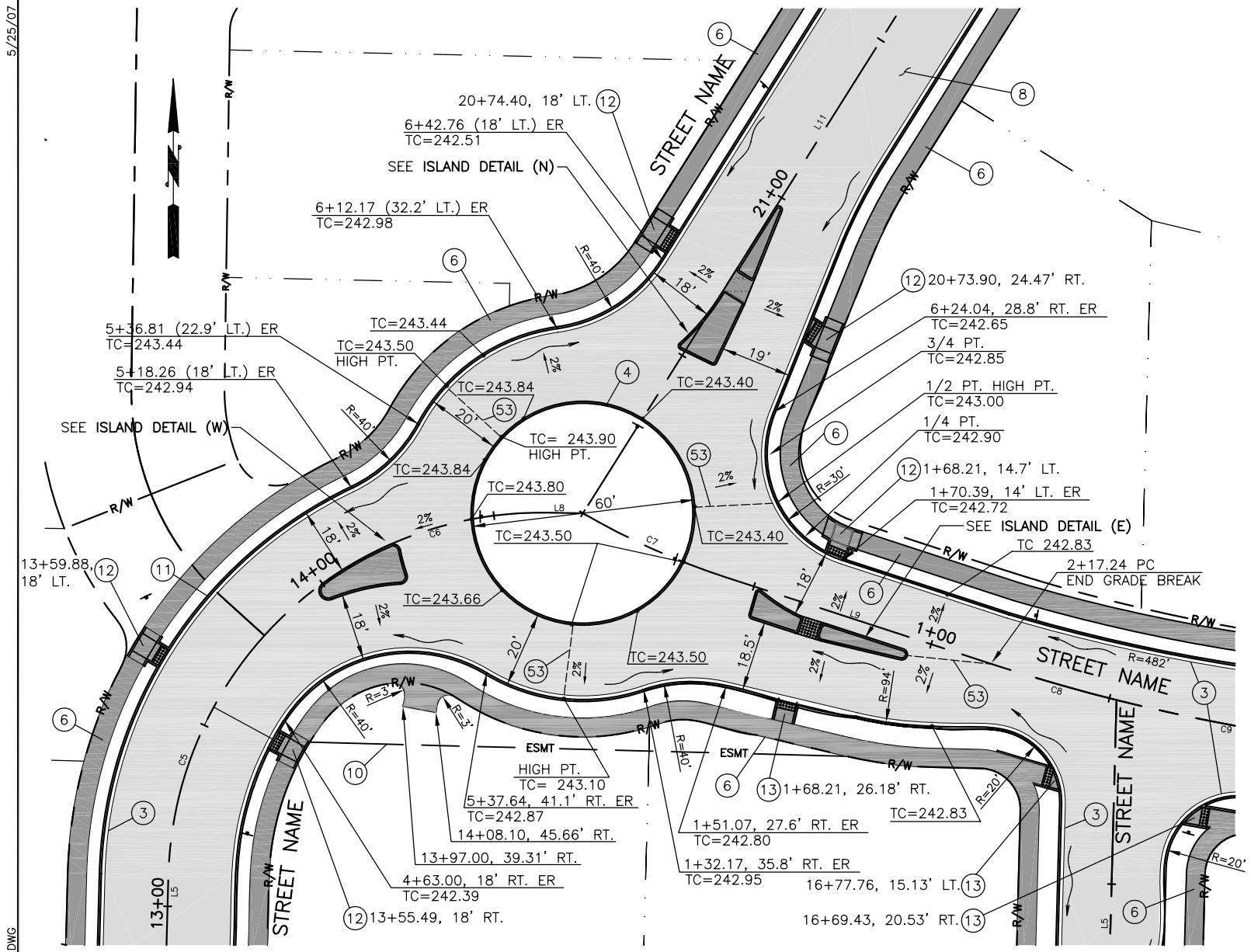
CENTERLINE CURVE DATA

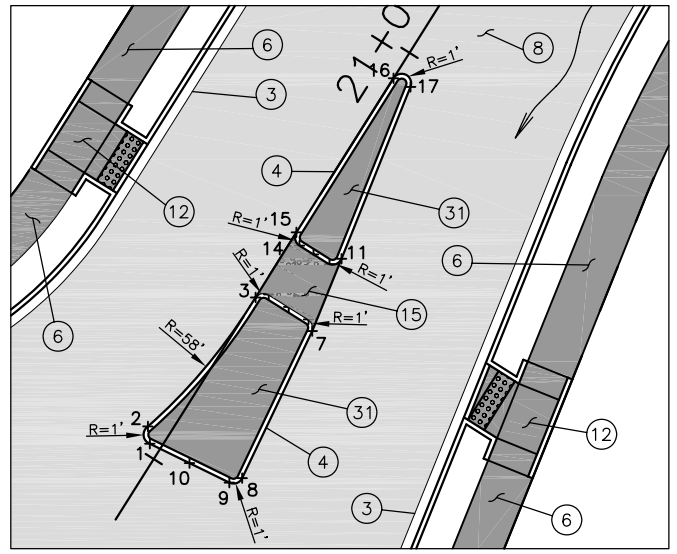
NUMBER	DELTA, ANGLE	RADIUS	LENGTH
C4	17°14'11"	100.00'	30.08'
C5	40°35'52"	100.00'	70.86'
C6	48°44'59"	100.00'	85.08'
C7	12°06'21"	200.00'	42.26'
C8	03°58'32"	500.00'	34.69'
C9	12°35'30"	500.00'	109.88'
C11	21°50'35"	100.00'	38.12'
C12	09°08'21"	100.00'	15.95'
C15	59°21'41"	72.00'	74.60'
C16	17°14'11"	72.00'	21.66'
C18	13°42'04"	200.00'	47.83'
C19	13°42'04"	200.00'	47.83'

BORDER AREA

SAMPLE SITE PLAN 2

5/25/07



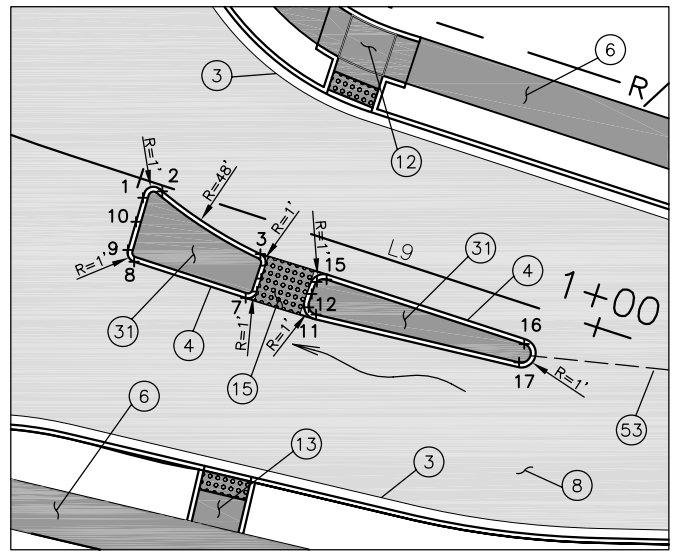


ISLAND DETAIL (N)

10 0 10 20
SCALE IN FEET

ISLAND CURB DATA (N)

NO.	STATION	OFFSET	ELEVATION
1	6+25.08	1.21' LT.	TC=243.00
2	6+26.35	2.37' LT.	TC=242.93
3	6+43.84	ON ℄	TC=242.87
4	6+44.84	1.04' RT.	TC=242.89
5	6+44.84	3.44' RT.	TC=242.94
6	6+44.84	5.89' RT.	TC=242.86
7	6+44.02	6.87' RT.	TC=242.87
8	6+27.18	8.85' RT.	TC=242.90
9	6+26.07	7.96' RT.	TC=242.92
10	6+25.58	3.38' RT.	TC=242.95
11	6+52.02	5.42' RT.	TC=242.85
12	6+50.84	4.44' RT.	TC=242.88
13	6+50.84	2.72' RT.	TC=242.91
14	6+50.84	1.00' RT.	TC=242.88
15	6+51.84	ON ℄	TC=242.85
16	6+70.82	ON ℄	TC=242.91
17	6+71.00	1.98' RT.	TC=242.91

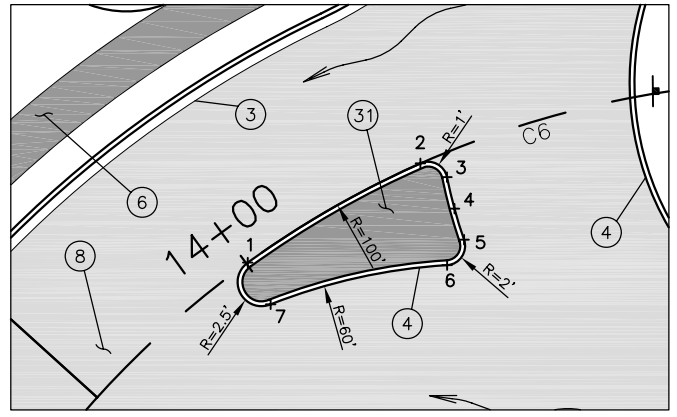


ISLAND DETAIL (E)

10 0 10 20
SCALE IN FEET

ISLAND CURB DATA (E)

NO.	STATION	OFFSET	ELEVATION
1	1+50.88	1.40' RT.	TC=243.11
2	1+52.25	0.44' RT.	TC=243.10
3	1+64.34	3.62' RT.	TC=243.07
4	1+65.21	4.61' RT.	TC=243.09
5	1+65.21	6.03' RT.	TC=243.12
6	1+65.21	7.45' RT.	TC=243.09
7	1+64.30	8.44' RT.	TC=243.07
8	1+52.08	8.46' RT.	TC=243.08
9	1+51.08	7.50' RT.	TC=243.10
10	1+50.98	4.45' RT.	TC=243.14
11	1+71.80	7.81' RT.	TC=243.06
12	1+70.71	6.82' RT.	TC=243.05
13	1+70.71	5.91' RT.	TC=243.10
14	1+70.71	5.00' RT.	TC=243.05
15	1+71.71	4.00' RT.	TC=243.06
16	1+93.37	4.00' RT.	TC=243.15
17	1+93.45	6.00' RT.	TC=243.15



ISLAND DETAIL (W)

10 0 10 20
SCALE IN FEET

ISLAND CURB DATA (W)

NO.	STATION	OFFSET	ELEVATION
1	5+00.18	ON ℄	TC=243.12
2	5+20.95	ON ℄	TC=243.34
3	5+22.95	2.41' RT.	TC=243.44
4	5+22.36	5.74' RT.	TC=243.48
5	5+21.98	9.09' RT.	TC=243.42
6	5+18.99	10.79' RT.	TC=243.32
7	4+99.54	4.92' RT.	TC=243.10

CONSTRUCTION NOTES:

GENERAL NOTES

1. SEE SHEET ___ FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND AND TYPICAL SECTIONS.

2. FILL SHALL BE PLACED ON BACK SIDE OF CURB (CENTER OF TRAFFIC CIRCLE) AT A 2:1 SLOPE AS REQUIRED TO PROVIDE STRUCTURAL SUPPORT OF CURB.

STREET

(3) CONSTRUCT TYPE A–1 CEMENT CONCRETE CURB AND GUTTER. SEE DETAIL T01–01.

(4) CONSTRUCT TYPE E–1 CEMENT CONCRETE CURB. SEE DETAIL T01–01.

(6) CONSTRUCT STANDARD SIDEWALK. SEE DETAIL T02–01.

(8) CONSTRUCT ROADWAY ASPHALT PAVEMENT SECTION. SEE DETAIL T05–01 AND TYPICAL SECTIONS ON SHEET _.

(10) PERMANENT EASEMENT, SEE ___ FOR DIMENSIONS.

(11) INSTALL ROLLED CURB DRIVEWAY ENTRANCE. SEE DETAIL T01–01 FOR ROLLED CURB. FOR DRIVEWAY PAVEMENT THICKNESS, SEE DETAIL T01–04.

(12) CONSTRUCT COMBINATION RAMP PER DETAIL T02–06C. INSTALL 2' DETECTABLE WARNING DEVICE PER DETAIL T02–15.

(13) CONSTRUCT PERPENDICULAR RAMP PER DETAIL T02–08. INSTALL 2' DETECTABLE WARNING DEVICE PER DETAIL T02–15.

(15) INSTALL 2' DETECTABLE WARNING DEVICE PER DETAIL T02–15.

(31) INSTALL 4" CL 3000 CONCRETE, 3 ½" SLUMP MAX. BROOM FINISH, SIMILAR TO DETAIL T02–01.

MISCELLANEOUS

(53) GRADE BREAK.

STREET LIGHTS, SIGNING/STRIPING AND TRAFFIC SIGNALS

SEE ILLUMINATION, SIGNING/STRIPING PLANS AND TRAFFIC SIGNAL PLANS.

STORM SEWER, EROSION CONTROL, WATER, SANITARY SEWER AND MISCELLANEOUS UTILITY MODIFICATIONS.

SEE DRAINAGE, UTILITY PLANS AND EROSION CONTROL PLANS.

LANDSCAPING

FOR TREE REMOVAL, TREE RELOCATION, NEW TREES AND OTHER LANDSCAPING DESIGN, SEE LANDSCAPING PLANS.

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L9	S71°55'36"E	74.98'
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BORDER AREA

BORDER AREA

SAMPLE ROUNDABOUT PLAN

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EXPIRES

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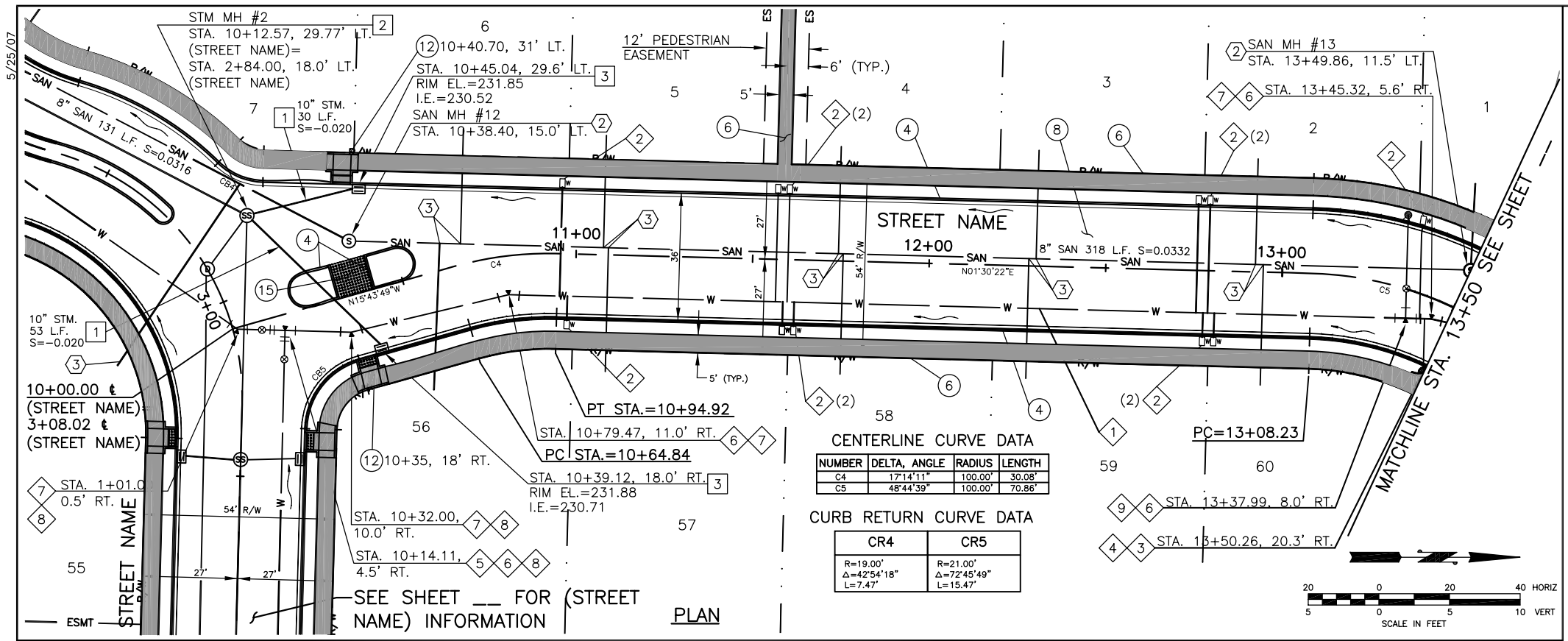

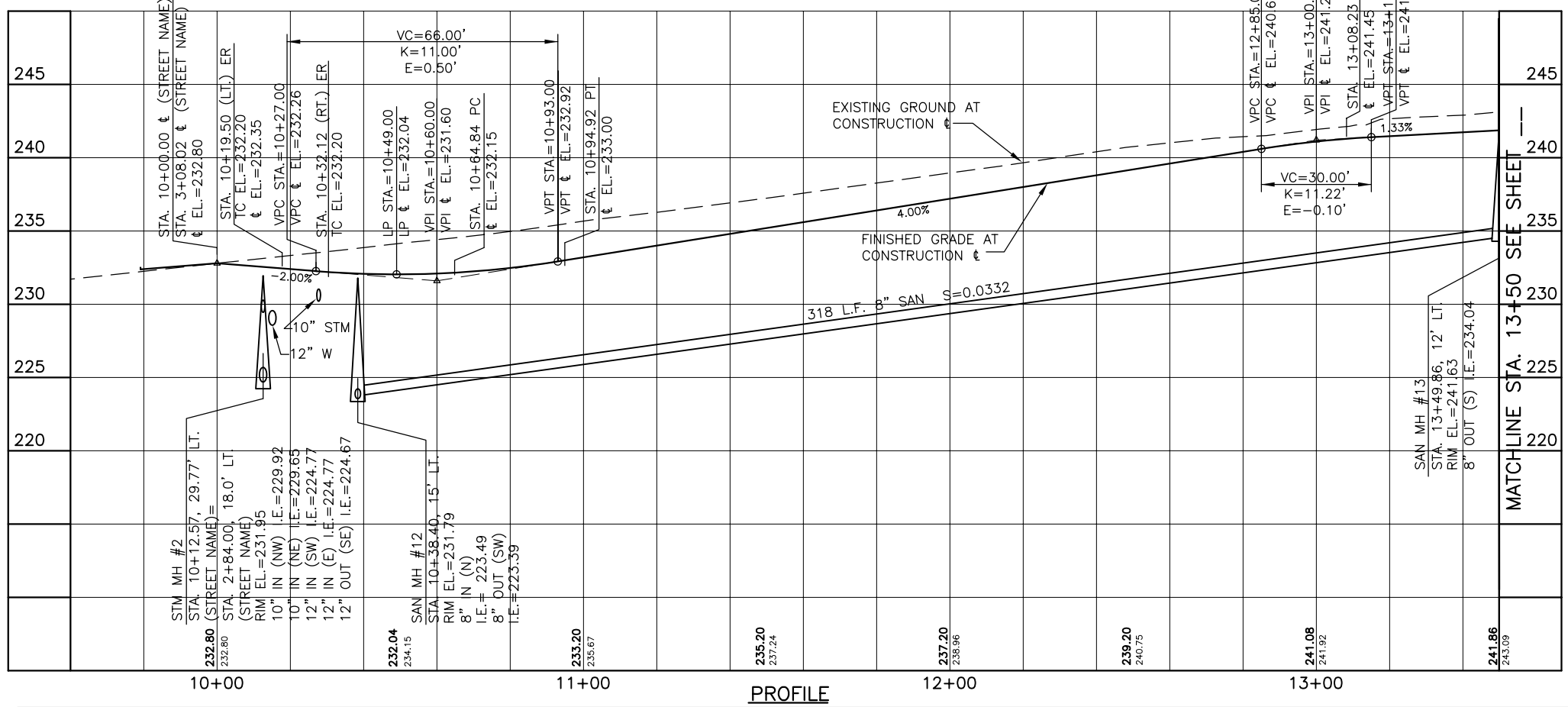

PROFILE

CONSTRUCTION NOTES:

GENERAL NOTES

SEE SHEETS ___ FOR GENERAL NOTES, ABBREVIATIONS, LEGEND AND TYPICAL SECTIONS.

STREET

(4) CONSTRUCT TYPE E–1 CEMENT CONCRETE CURB AND GUTTER PER DETAIL T01–01.

(6) CONSTRUCT DETACHED CONCRETE SIDEWALK PER DETAIL T02–01.

(8) CONSTRUCT TYPICAL ROADWAY SECTION PER DETAIL NEIGHBORHOOD CIRCULATOR T10–14.

(12) CONSTRUCT COMBINATION RAMP PER DETAIL T02–08C. INSTALL 2' DETECTABLE WARNING STRIP PER DETAIL T02–15.

(15) INSTALL 2' DETECTABLE WARNING STRIP PER DETAIL T02–15.

(30) CONSTRUCT MEDIAN ISLAND SEE DETAILED LAYOUT ON SHEET __.

STORM SEWER

SEE CONSTRUCTION SPECIFICATIONS FOR STORM SEWERS ON DETAIL D–1.0.

[1] INSTALL STORM SEWER PIPE, PER STANDARD PIPE BEDDING DETAIL D–1.8.

[2] CONSTRUCT STANDARD STORM SEWER MANHOLE, PER DETAILS D–1.3 AND D–1.7.

[3] CONSTRUCT STANDARD CATCH BASIN, PER DETAILS D–1.1 AND D–1.6.

SANITARY SEWER

SEE CONSTRUCTION SPECIFICATIONS FOR SANITARY SEWER NOTES.

(1) INSTALL SANITARY SEWER PIPE, PER STANDARD BEDDING DETAILS S–1.1, S–1.2 AND S–1.3.

(2) CONSTRUCT STANDARD PRECAST MANHOLE, PER DETAILS S–2.1, S–2.2, S–2.3, S–2.4 AND S–2.5.

(3) SERVICE LATERAL CONNECTION, PER DETAIL S–1.4.

WATER

SEE STANDARD WATER NOTES PAGES 1, 2, 3, 4 AND 5.

◇1 INSTALL WATER LINE, PER WATER PIPE TRENCH BEDDING AND BACKFILL ON DETAIL W–4.

◇2 INSTALL 1" WATER SERVICE, PER DETAIL W–1.

◇3 INSTALL STANDARD BLOWOFF ASSEMBLY, PER DETAIL W–7.

◇4 INSTALL STANDARD FIRE HYDRANT ASSEMBLY, PER DETAIL W–9.

◇5 INSTALL STANDARD VALVE BOX AND COVER, PER DETAIL W–10.

◇6 INSTALL STANDARD TRUST BLOCK, PER DETAIL W–12.

◇7 INSTALL: 1–12" MJ TEE WITH TB.
2–12" MJ BUTTERFLY VALVE.
1–12"X8" MJ REDUCER.

◇8 INSTALL: 1–11¼° ELBOW WITH TB.

◇9 INSTALL: 1–6" MJ X FLG. VALVE.
1–STD. FH ASSEMBLY WITH TB.
1–8" MJ X 6" FLG. TEE WITH TB.

STREET LIGHTS, SIGNING/STRIPING AND TRAFFIC SIGNALS

SEE ILLUMINATION, SIGNING/STRIPING PLANS AND TRAFFIC SIGNAL PLANS.

LANDSCAPING

FOR TREE REMOVAL, TREE RELOCATION, NEW TREES AND OTHER LANDSCAPING DESIGN, SEE LANDSCAPING PLANS.

EROSION CONTROL AND GRADING

FOR EROSION CONTROL AND GRADING, SEE EROSION AND GRADING PLANS.

BORDER AREA

SAMPLE PLAN AND PROFILE

BORDER AREA

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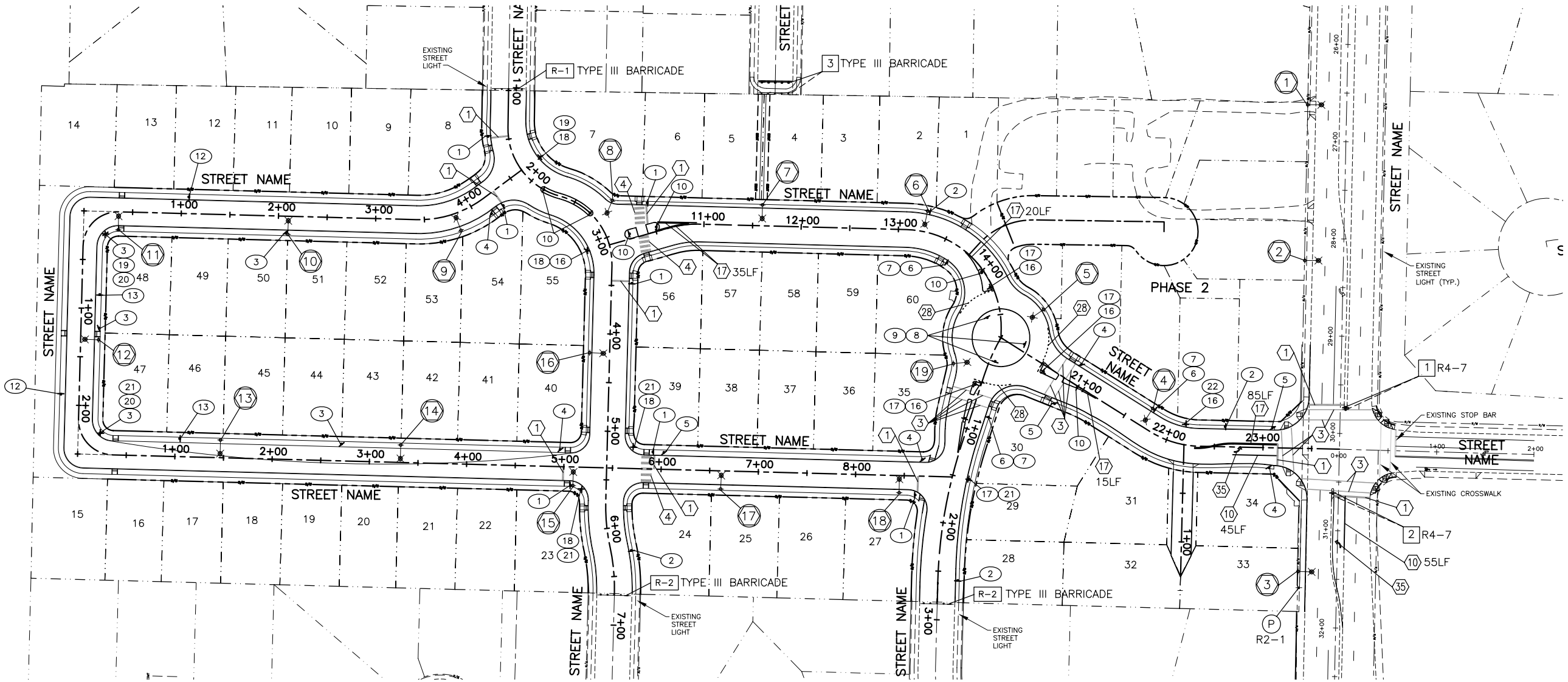

CONSTRUCTION NOTES:

GENERAL NOTES

1. SEE SHEET ___ FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND AND TYPICAL SECTIONS.
2. INSTALL STREET NAMES SIGNS IN LOCATION SHOWN. SEE COV STANDARD DETAILS T29-01, T29-04 TO T29-07B.
3. INSTALL GROUND MOUNTED SIGNS IN LOCATION SHOWN. SEE COV STANDARDS DETAILS T29-02 TO T29-07B.
4. INSTALL COV TYPE A STREET LIGHT STANDARD FOR ARTERIAL STREETS, SEE DETAILS T21-01A AND T21-01B FOR REQUIREMENTS AND DETAIL T21-02 FOR STREET LIGHT STANDARD.
5. INSTALL COV TYPE A STREET LIGHT STANDARD FOR RESIDENTIAL STREETS, SEE DETAILS T21-01A AND T21-01B FOR REQUIREMENTS AND DETAIL T21-03 FOR STREET LIGHT STANDARD.

STRIPING

(1) INSTALL THERMOPLASTIC 24" STOP BAR, SEE DETAIL T29-40.
(3) INSTALL THERMOPLASTIC 12" CROSSWALK, SEE DETAIL T29-41.
(4) INSTALL THERMOPLASTIC LADDER STRIPE CROSSWALK, SEE DETAIL T29-41.
(10) INSTALL TURN LANE LINE, SEE DETAIL T29-44.
(17) INSTALL MEDIAN STRIPE MARKINGS, SEE DETAIL T29-47.
(28) INSTALL LANE LINE EXTENSIONS (RPM), SEE DETAIL T29-49.
(35) INSTALL LEFT TURN LANE MARKINGS, SEE DETAIL T29-52.

SIGNING

(#) NEW SIGN ASSEMBLY, SEE SIGN LEGENDS ON SHEET __.
R- REMOVE EXISTING SIGN ASSEMBLY
XX (NEW LOCATION) / (EXISTING LOCATION) RELOCATE EXISTING SIGN ASSEMBLY
(XX) PROTECT EXISTING SIGN ASSEMBLY

LIGHT POLE SCHEDULE

STATION, OFFSET	POLE TYPE	POLE #	WATTAGE @ 110 VOLTS	J	K	COMMENTS
26+63, 40' RT.	A	1	200	30	10	
28+23, 40' RT.	A	2	200	30	10	
31+43, 40' RT.	A	3	200	30	10	
7+45, 21.5' LT.	A	4	100	25	8	
5+95, 48' LT.	A	5	100	25	8	
4+26, 21.5' LT	A	6	100	25	8	
2+60, 21.5' LT.	A	7	100	25	8	
2+75, 25.5' LT.	A	8	100	25	8	
1+82, 18.5' LT.	A	9	100	25	8	
3+55, 18.5' LT.	A	10	100	25	8	
5+30, 18.5' LT.	A	11	100	25	8	
6+80, 18.5' LT.	A	12	100	25	8	
9+30, 18.5' LT.	A	13	100	25	8	
11+15, 18.5' LT.	A	14	100	25	8	
12+93, 19' RT.	A	15	100	25	8	
4+20, 20.5' RT.	A	16	100	25	8	
14+45, 20' RT.	A	17	100	25	8	
16+28, 20' RT.	A	18	100	25	8	
1+40, 34' RT.	A	19	100	25	8	

60 0 60 120
SCALE IN FEET

BORDER AREA

SAMPLE SIGNING/STRIPING AND LIGHTING PLAN

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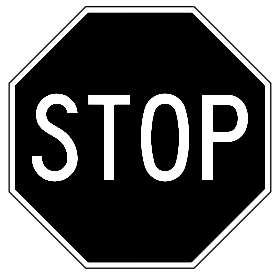
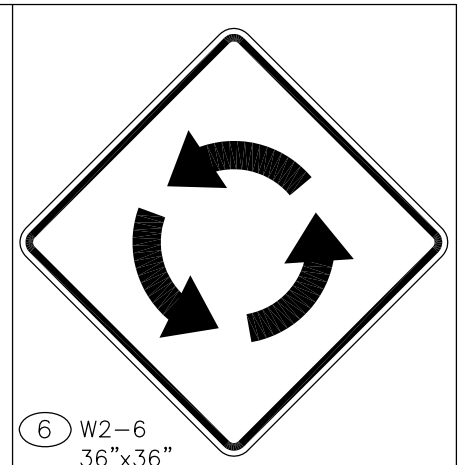
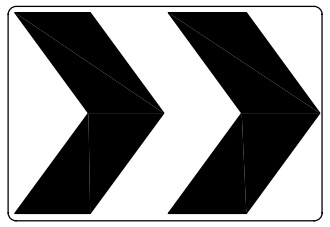
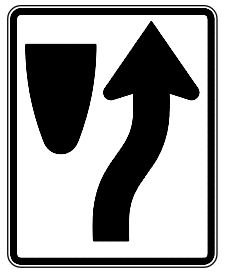
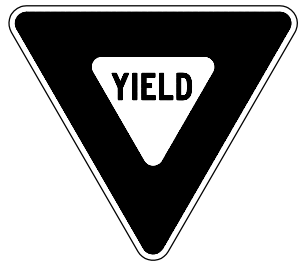
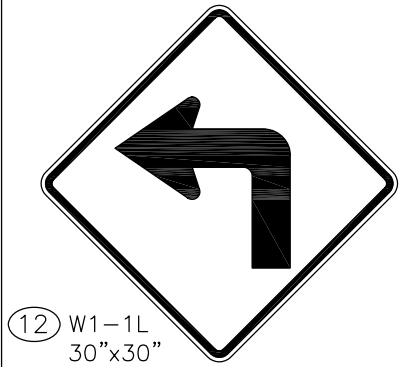
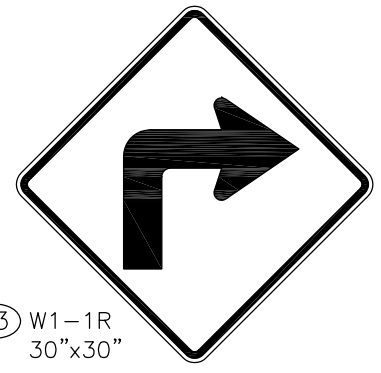
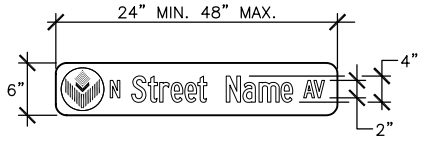
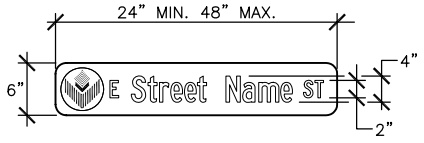
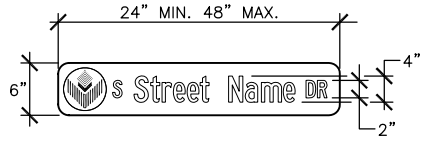
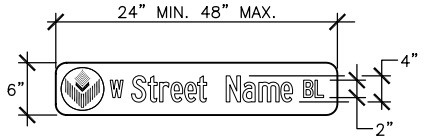
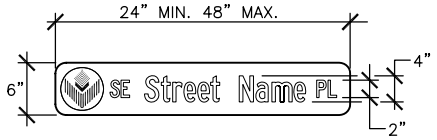
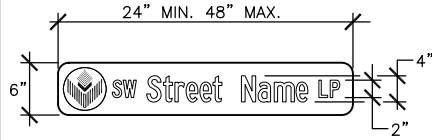
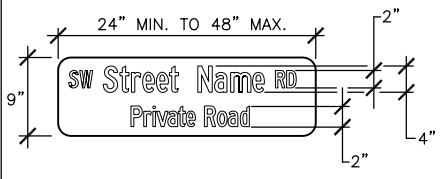
I:\CITYAPPS\AUTOCAD\DRAFTING STANDARDS 2005\DRS DRAFTING STANDARDS 2007\DRS_SIGN-STRP-LHT.DWG

5/25/07

 (1) R1–1 30"x30"	 (2) R2–1 24"x30"	 (3) R7–107 BOTH DIRECTIONS 18"x12"	 (4) R7–107R 18"x12"	 (5) R7–107L 18"x12"	 (6) W2–6 36"x36"
 (7) W13–1 18"x18"	 (8) R6–1R 36"x12"	 (9) W1–8 (MOD.) 36"x24"	 (10) R4–7 24"x30"	 (11) R1–2 36"x36"	 (12) W1–1L 30"x30"
 (13) W1–1R 30"x30"	 (14) W11–2 30"x30"	 (15) W16–7PL 24"x12"	 (16) D3	 (17) D3	 (18) D3
 (19) D3	 (20) D3	 (21) D3	 (22) D3		

BORDER AREA

BORDER AREA

SAMPLE SIGN LEGEND SHEET

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