

SANITARY SEWER PROJECT

(COTTAGE PLACE)

CITY OF FERNDALE

PROJECT NO. SS2013-03

VICINITY MAP



SHEET INDEX

- 001 COVER
- 002 LEGEND AND ABBREVIATIONS
- 003 EXISTING CONDITIONS, DEMOLITION, AND TC PLAN
- 004 PLAN AND PROFILE
- 005 DETAILS
- 006 DETAILS

BID SET

DESIGNED BY
KEC
DRAWN BY
KEC
CHECKED BY
LP



Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

1	12/03/13	FOR BID	KEC
NO.	DATE	DESCRIPTION	BY

CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248

SANITARY SEWER PROJECT
(COTTAGE PLACE)
FERNDALE, WA

DWG COVER SHEET

DATE
09/13/13

JOB#

SCALE

H: N/A

V: N/A

SHEET

001

LEGEND

EXISTING		
	OHW	= EXISTING ORDINARY HIGH WATER
	BB	= EXISTING TOE OF BANK
	OH	= EXISTING OVERHEAD POWER
		= EXISTING CONCRETE
	95	= EXISTING MAJOR CONTOUR
	95	= EXISTING MINOR CONTOUR
		= EXISTING CULVERT
	℄	= EXISTING DITCH
	X	= EXISTING FENCE
	FO	= EXISTING FIBER OPTICS LINE
	G	= EXISTING GAS MAIN
		= EXISTING GUARDRAIL
		= EXISTING GRAVEL
		= EXISTING PROPERTY BOUNDARY
	PR	= EXISTING POWER BURIED
	℄	= EXISTING ROAD
		= EXISTING EDGE OF PAVEMENT
		= EXISTING WALL
		= EXISTING RIGHT OF WAY
		= EXISTING TREE LINE
	SD	= EXISTING STORM DRAIN
	TS	= EXISTING TRAFFIC SIGNAL CONDUCTOR
	SS	= EXISTING SANITARY SEWER
		= EXISTING TRAFFIC STRIPING
		= EXISTING PARKING STRIPING
	TB	= EXISTING TOP OF BANK
	T	= EXISTING TELEPHONE LINE
	OT	= EXISTING OVERHEAD TELEPHONE
	TV	= EXISTING TV LINE
	W	= EXISTING WATER MAIN
		= EXISTING SIDEWALK
		= EXISTING WETLANDS BOUNDARY
		= EXISTING EASEMENT
		= EXISTING GRADE BREAK
	FM	= EXISTING SANITARY SEWER FORCE MAIN
		= EXISTING FLOWLINE
	C	= EXISTING CONDUIT
	UD	= EXISTING UNDERDRAIN
		= EXISTING BUILDING
		= EXISTING CONCRETE
		= EXISTING RR TRACKS
		= EXISTING SIGNAL POLE AND ARM W/ LUMINAIRE
		= EXISTING STREET LIGHT
		= EXISTING GUY WIRE
		= EXISTING GAS METER
		= EXISTING TRANSFORMER PAD
		= EXISTING POWER VAULT
		= EXISTING JBOX
		= EXISTING SOIL BORING LOCATION
		= EXISTING MAIL BOX
		= EXISTING WATER SPIGOT
		= EXISTING WATER METER
		= EXISTING WATER VALVE
		= EXISTING FIRE HYDRANT
		= EXISTING TRAFFIC SIGNAL VAULT
		= EXISTING SEWER MANHOLE
		= EXISTING STORM DRAIN CATCH BASIN TYPE I
		= EXISTING STORM DRAIN CATCH BASIN TYPE II
		= EXISTING UTILITY POLE
		= EXISTING MONITORING WELL
		= EXISTING STORM CLEANOUT
		= EXISTING SEWER CLEANOUT
		= EXISTING SIGN
		= EXISTING TELEPHONE PEDESTAL
		= EXISTING TREE
		= EXISTING VEGETATION

PROPOSED

	BB	= PROPOSED TOE OF BANK
		= PROPOSED SAWCUT
	SD	= PROPOSED FIELD STORM DRAIN
	95	= PROPOSED MAJOR CONTOUR
	95	= PROPOSED MINOR CONTOUR
		= PROPOSED PAVEMENT VALLEY
	℄	= PROPOSED DITCH
	X	= PROPOSED FENCE
	FO	= PROPOSED FIBER OPTICS
		= PROPOSED HANDRAIL
		= PROPOSED GUARDRAIL
		= PROPOSED GRAVEL
		= PROPOSED PATH
		= PROPOSED AUTOTURN
	℄	= PROPOSED ROAD
		= PROPOSED ROAD EDGE OF PAVEMENT
		= PROPOSED ROCK WALL
		= PROPOSED RIGHT OF WAY
		= PROPOSED TREE LINE
	SD	= PROPOSED STORM DRAIN
	TS	= PROPOSED TRAFFIC SIGNAL CONDUCTOR
	SS	= PROPOSED SANITARY SEWER
		= PROPOSED TRAFFIC STRIPE
		= PROPOSED PARKING STRIPE
	TB	= PROPOSED TOP OF BANK
		= PROPOSED BACK OF CURB
		= PROPOSED ROAD FACE OF CURB
		= PROPOSED ROAD LIP OF GUTTER
	W	= PROPOSED WATER MAIN
		= PROPOSED SIDEWALK
	X	= PROPOSED SILT FENCE
		= PROPOSED CONSTRUCTION EASEMENT
		= PROPOSED GRADE BREAK
	FM	= PROPOSED SANITARY SEWER FORCE MAIN
	UD	= PROPOSED UNDERDRAIN
	C	= PROPOSED CONDUIT
		= PROPOSED BUILDING
		= PROPOSED BUILDING
		= PROPOSED CONC. SIDEWALK/DRIVEWAY
		= PROPOSED INFILTRATION TRENCH
		= PROPOSED INFILTRATION FILTER MEDIA
		= PROPOSED ACP REMOVAL
		= PROPOSED DEMOLITION AREA
		= PROPOSED ASPHALT
		= PROPOSED RIGHT OF WAY TAKE
		= PROPOSED STORM DRAIN INLET
		= PROPOSED COUPLER
		= PROPOSED WATER METER
		= PROPOSED WATER VALVE
		= PROPOSED HYDRANT
		= PROPOSED SANITARY SEWER MANHOLE
		= PROPOSED SANITARY SEWER MANHOLE
		= PROPOSED STORM DRAIN CATCH BASIN TYPE I
		= PROPOSED STORM DRAIN CATCH BASIN TYPE II
		= PROPOSED UTILITY POLE
		= PROPOSED MONITORING WELL
		= PROP STORM CLEANOUT
		= PROPOSED SANITARY SEWER CLEAN OUT
		= PROPOSED SIGN
		= FLOW ARROW
		= PROPOSED TREE

ABBREVIATIONS

AC	= ASBESTOS CEMENT	FL	= FLOW LINE	N	= NORTH	SCH	= SCHEDULE
ASPH	= ASPHALT	FF	= FINISHED FLOOR	OC	= ON CENTER	S	= SOUTH
BLDG	= BUILDING	FG	= FINISHED GRADE	PVMNT	= PAVEMENT	STD	= STANDARD
CATV	= CABLE TELEVISION	FT/FT	= FEET PER FOOT	PED	= PEDESTAL	SP	= STANDARD PLAN
CL	= CLASS, CENTERLINE	F&C	= FRAME AND COVER	PCC	= POINT OF COMPOUND CURVATURE	STA	= STATION
COMP	= COMPACTED	F&G	= FRAME AND GRATE	PC	= POINT OF CURVATURE	SDCB	= STORM DRAIN CATCH BASIN
CONC	= CONCRETE	IW	= INJECTION WELL	PRC	= POINT OF REVERSE CURVE	SDMH	= STORM DRAIN MANHOLE
C & G	= CURB & GUTTER	IE, INV	= INVERT ELEVATION	PT	= POINT OF TANGENCY	TEL	= TELEPHONE
CPDP	= CORRUGATED POLYETHYLENE DRAIN PIPE	L	= LENGTH	POC	= POINT ON CURVE	TL	= TRAFFIC LOOP
Ø	= DIAMETER	LF	= LINEAR FEET	PVC	= POLYVINYL CHLORIDE	TYP	= TYPICAL
DI	= DUCTILE IRON	LOC	= LOCATION	PCC	= PORTLAND CEMENT CONCRETE	UP	= UTILITY POLE
E	= EAST	MAX	= MAXIMUM	POSS	= POSSIBLE	VL	= VAULT
EOP, EP	= EDGE OF PAVEMENT	MPOC	= MID-POINT ON CURVE	PROP	= PROPOSED	WSDOT	= WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EX, EXIST	= EXISTING	MIN	= MINIMUM	R	= RADIUS		
IR	= EXISTING IRRIGATION	MOD	= MODIFIED	ROW	= RIGHT OF WAY	W	= WEST
SN	= EXISTING SIGN	MW	= MONITORING WELL	R&C	= RING AND COVER	WM	= WATER METER
FT	= FEET	MON	= MONUMENT	SSMH	= SANITARY SEWER MANHOLE		

BID SET

DESIGNED BY
KEC
DRAWN BY
KEC
CHECKED BY
LP



Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

1	12/03/13	FOR BID	KEC	
NO.	DATE	DESCRIPTION	BY	

CITY OF FERNDAL
2095 MAIN ST
FERNDAL, WA 98248

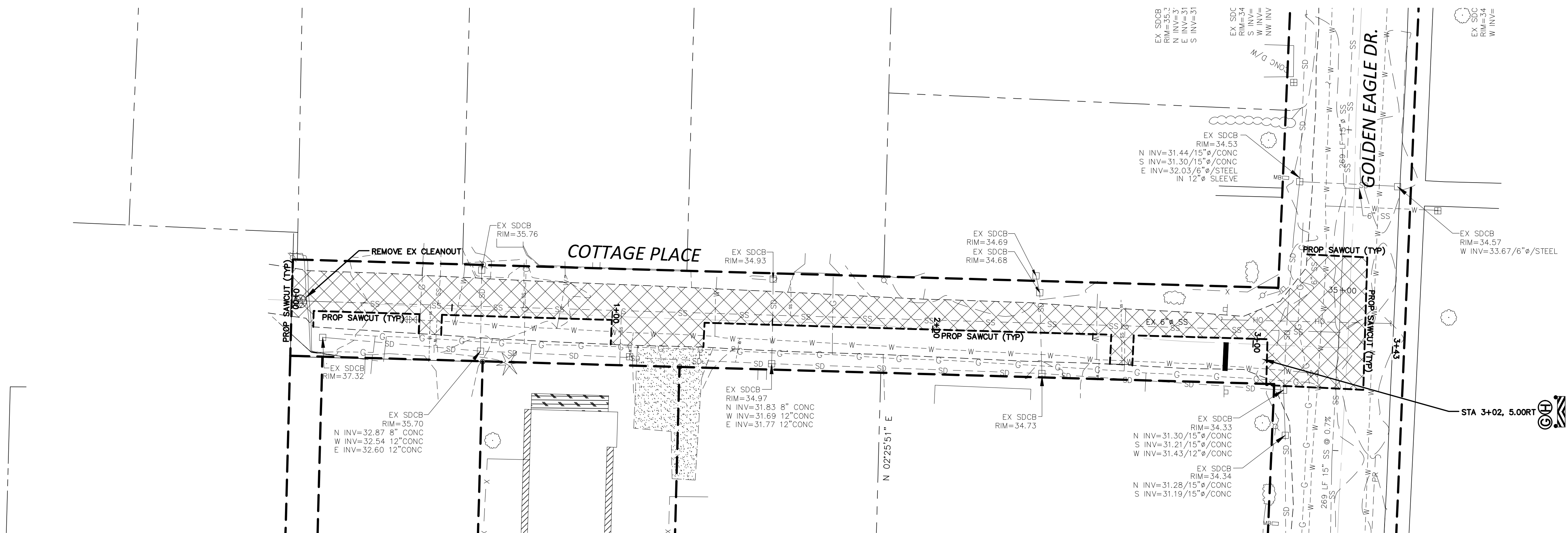
SANITARY SEWER PROJECT
(COTTAGE PLACE)
FERNDAL, WA

DWG LEGEND AND ABBREVIATIONS

DATE
09/13/13

JOB#
13039
SCALE
H: N/A V: N/A


SHEET
002

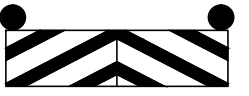


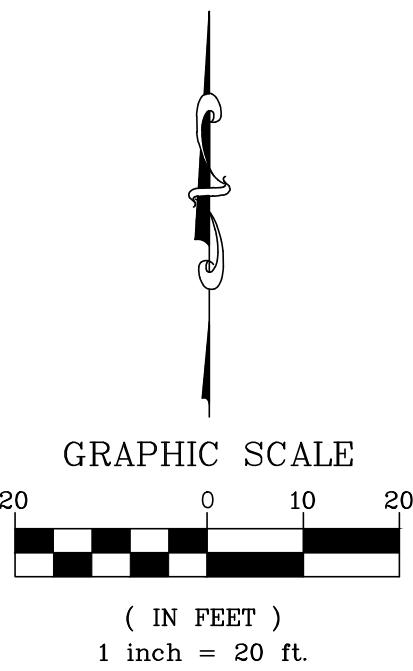
DEMOLITION LEGEND

 =REMOVE

SIGNAGE LEGEND

G  R 11-3

H  TYPE III R AND TYPE III L, BARRICADE WITH 2 TYPE A FLASHING WARNING LIGHTS



BID SET

DESIGNED BY
LP
DRAWN BY
KEC
CHECKED BY
LP

**R&E Reichhardt & Ebe
ENGINEERING INC**

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY
1	12/03/13	FOR BID	KEC

CITY OF FERNDAL
2095 MAIN ST
FERNDAL, WA 98248

**SANITARY SEWER PROJECT
(COTTAGE PLACE)**
FERNDAL, WA

DWG EXISTING CONDITIONS,
TRAFFIC, AND DEMO PLAN

JOB#

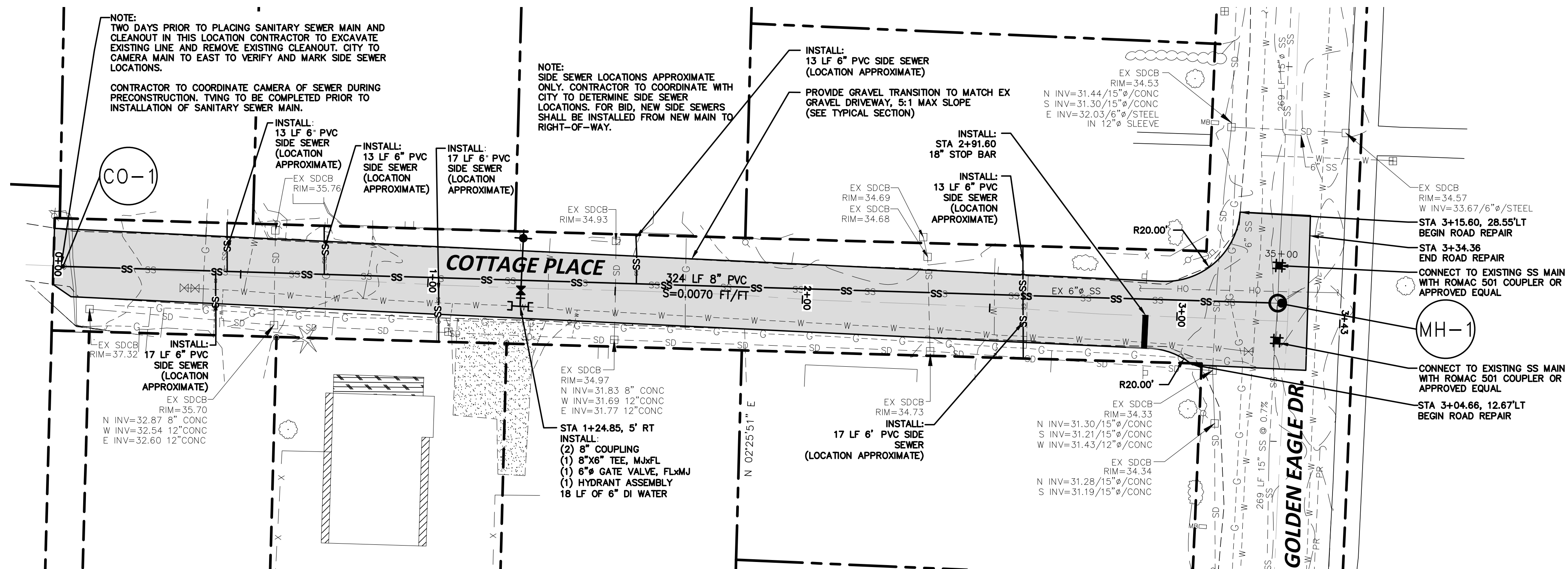
SCALE
H: 1"=20' V: N/A

13039

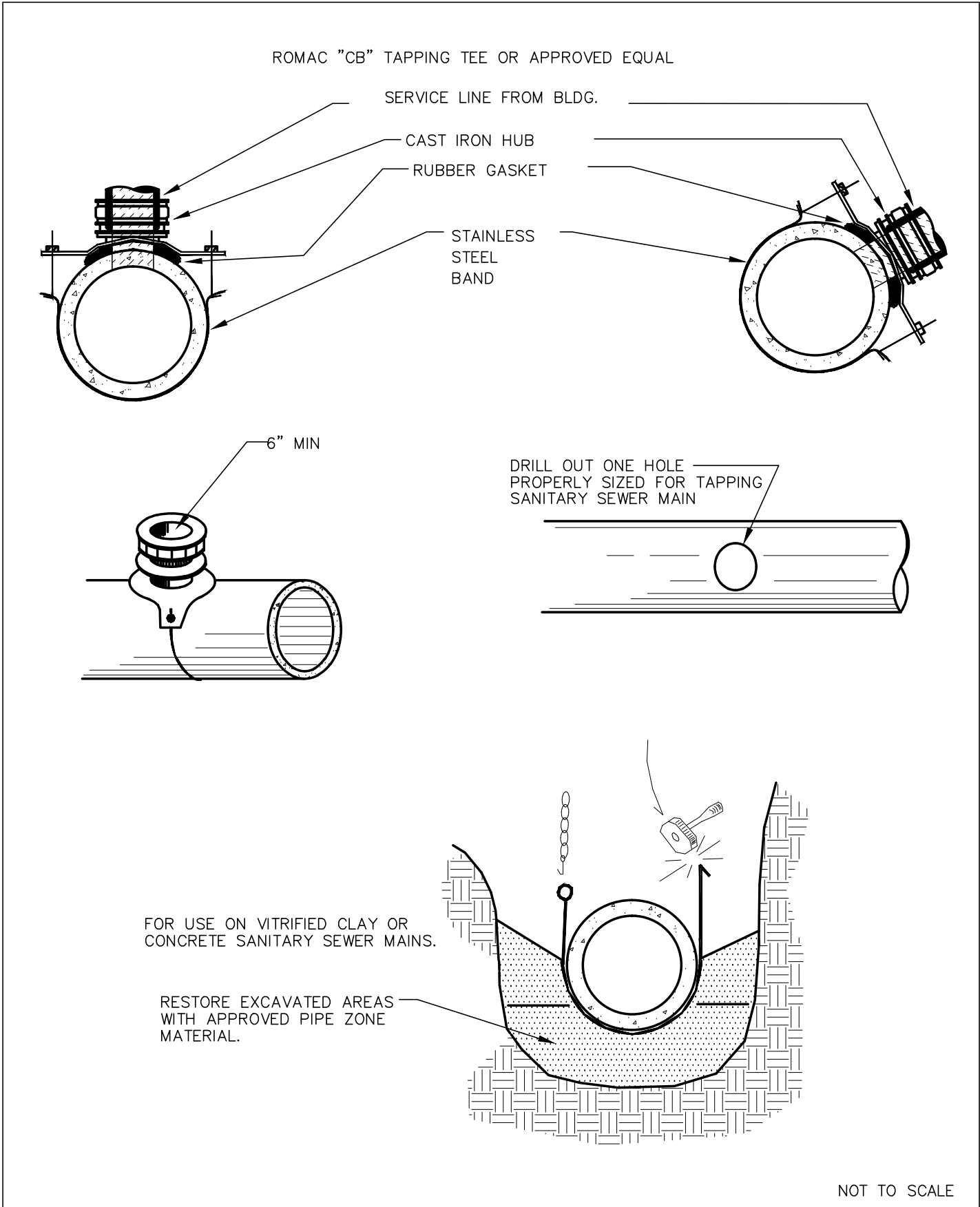
DATE
09/13/13

SHEET

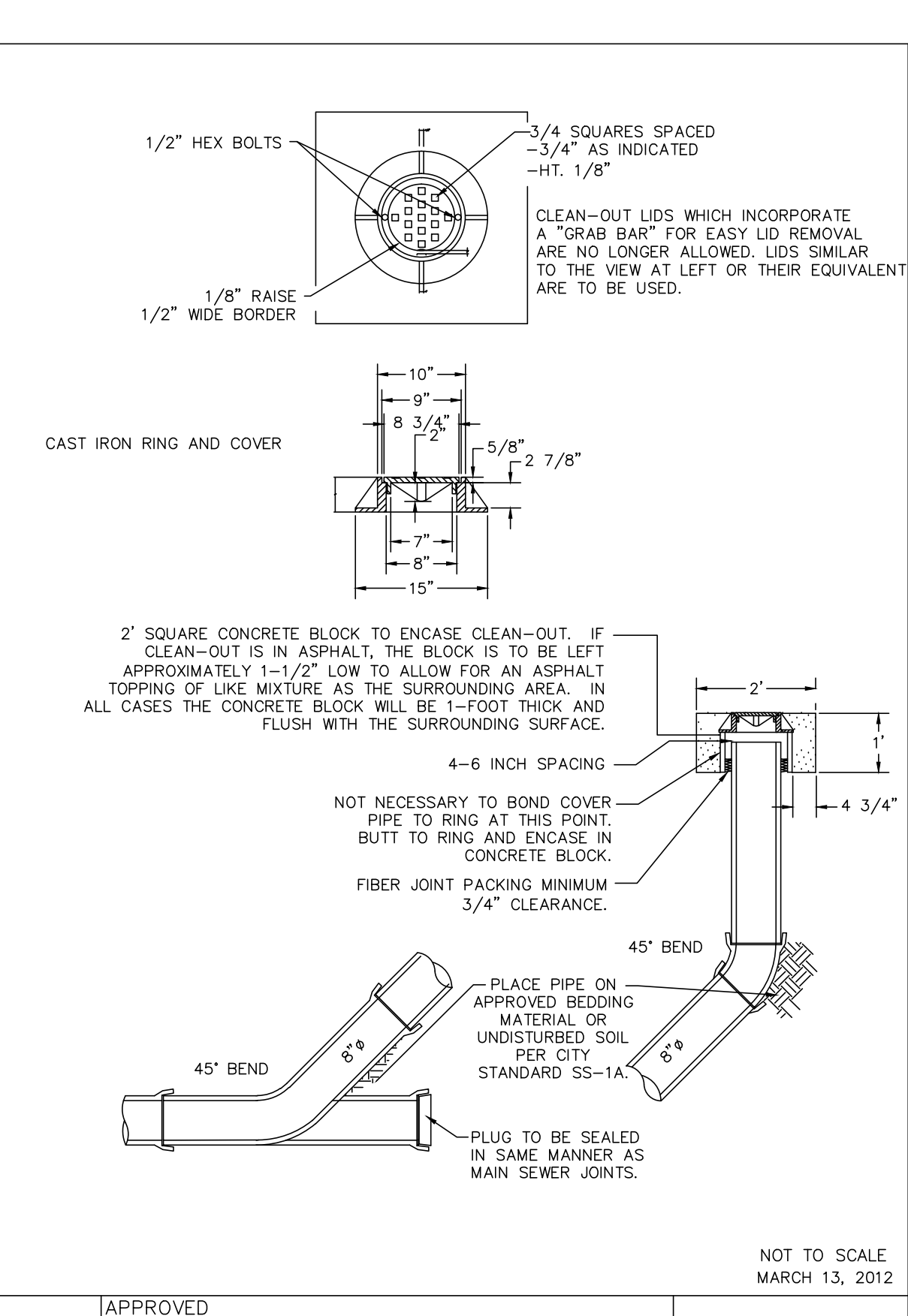
003



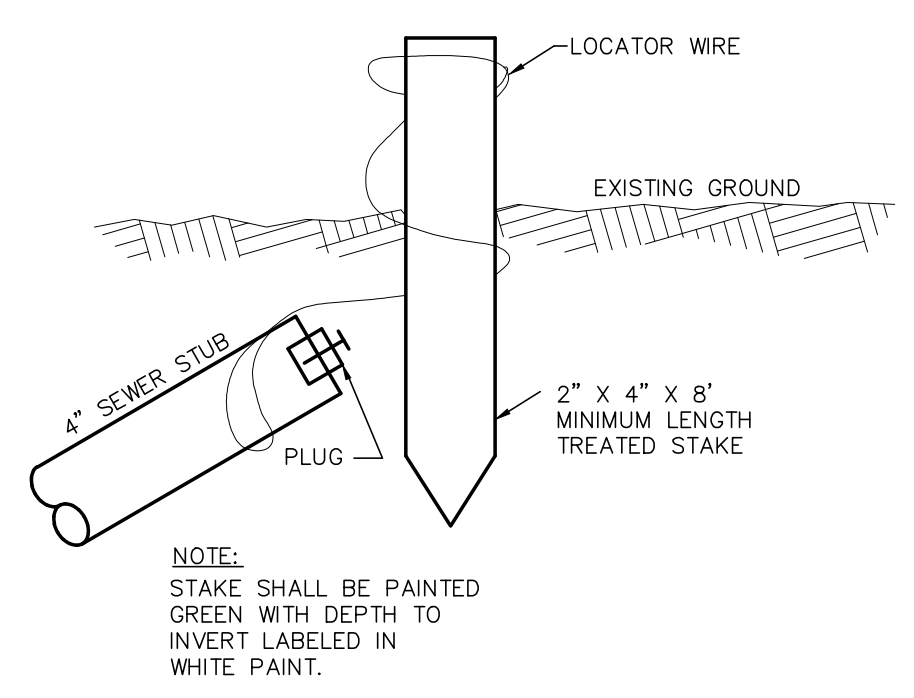
SHEET
004



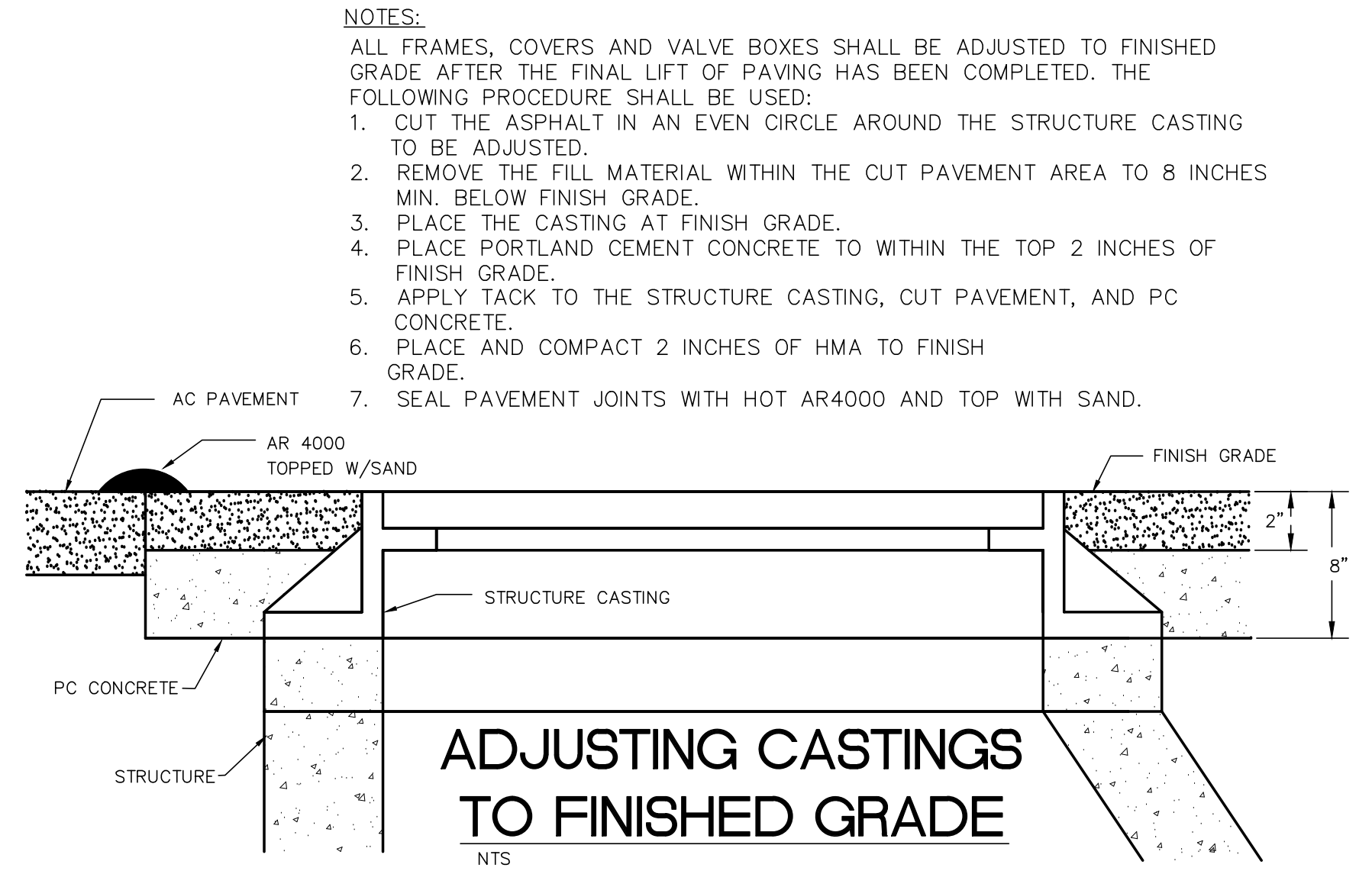
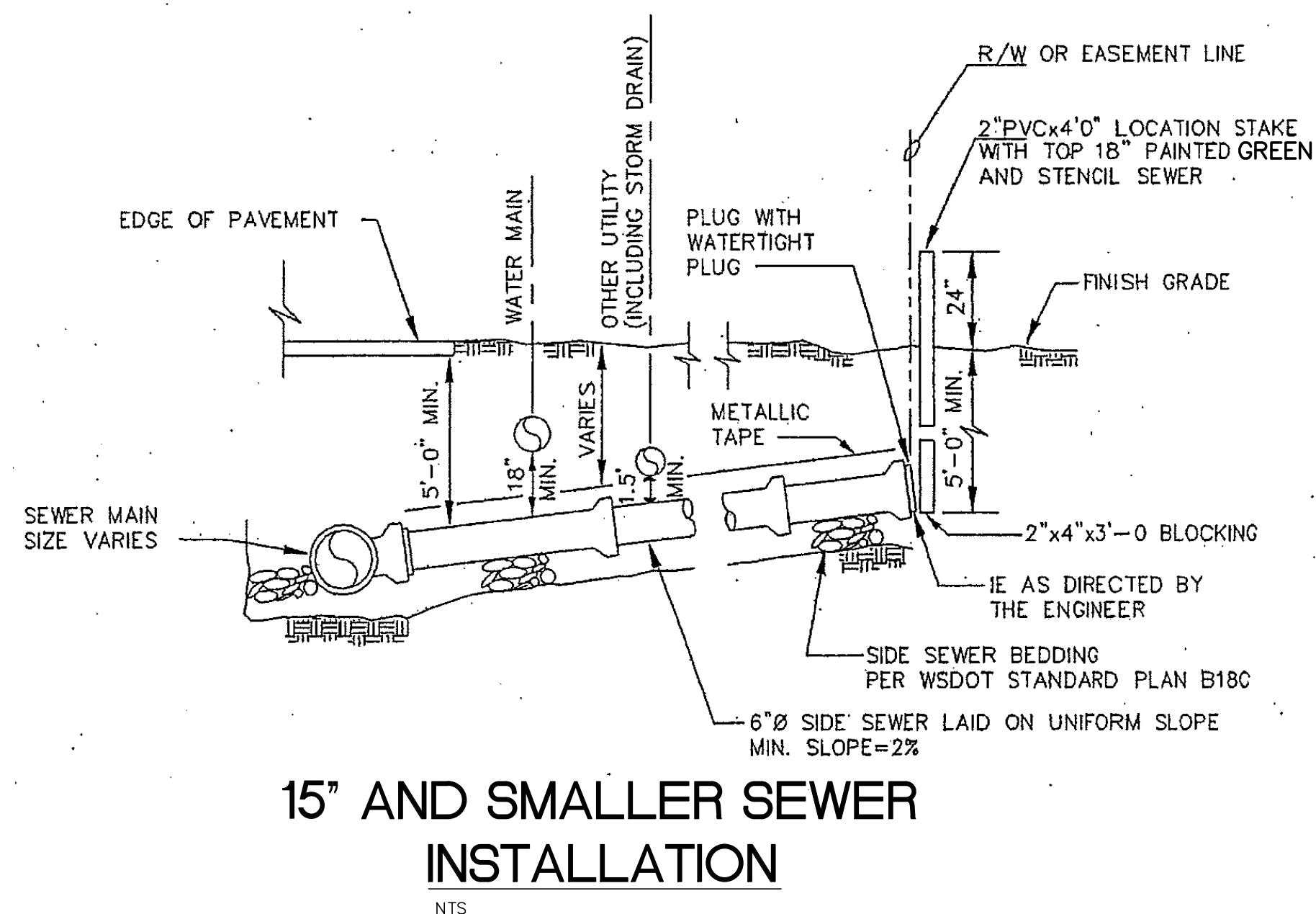
APPROVED _____	CITY OF FERNDAL SANITARY SEWER BANDED TAPPING TEE	DRAWING SS-12
Public Works Director _____	Date _____	
JULY 2001		



APPROVED _____	8" CLEAN OUT
Public Works Director _____	Date _____
STANDARD DETAIL SS-5	



SEWER SERVICE STAKE



- NOTES:
- ALL FRAMES, COVERS AND VALVE BOXES SHALL BE ADJUSTED TO FINISHED GRADE AFTER THE FINAL LIFT OF PAVING HAS BEEN COMPLETED. THE FOLLOWING PROCEDURE SHALL BE USED:
 1. CUT THE ASPHALT IN AN EVEN CIRCLE AROUND THE STRUCTURE CASTING TO BE ADJUSTED.
 2. REMOVE THE FILL MATERIAL WITHIN THE CUT PAVEMENT AREA TO 8 INCHES MIN. BELOW FINISH GRADE.
 3. PLACE THE CASTING AT FINISH GRADE.
 4. PLACE PORTLAND CEMENT CONCRETE TO WITHIN THE TOP 2 INCHES OF FINISH GRADE.
 5. APPLY TACK TO THE STRUCTURE CASTING, CUT PAVEMENT, AND PC CONCRETE.
 6. PLACE AND COMPACT 2 INCHES OF HMA TO FINISH GRADE.
 7. SEAL PAVEMENT JOINTS WITH HOT AR4000 AND TOP WITH SAND.

<div>BID SET</div>	DESIGNED BY KEC	<div><div>R&E</div><div>Reichhardt & Ebe</div><div>ENGINEERING INC</div></div> <div>P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713</div>					CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248	SANITARY SEWER PROJECT (COTTAGE PLACE) FERNDALE, WA	DWG DETAIL SHEET		DATE 09/13/13
	DRAWN BY KEC								JOB#	SCALE	SHEET
	CHECKED BY LP		1	12/03/13	FOR BID	KEC			13039	H: N/A V: N/A	005
			NO.	DATE	DESCRIPTION	BY					

