

CITY OF LATHROP

Department of Public Works

DESIGN & CONSTRUCTION

Standard Details



February 2022

General

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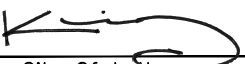
CITY OF LATHROP		5/8" 1 3/16" 1 7/16" 3 1/4"
DRAWING TITLE		
PROJECT TITLE		
NAME OF ENGINEERING FIRM ETC.		
BY: _____ R.C.E. _____		
DATE: _____		
5 1/2"		

1.	CITY OF LATHROP DEPARTMENT OF PUBLIC WORKS APPROVED BY: _____ DATE: _____ Public Works Director
1.	CITY OF LATHROP ENGINEERING APPROVED BY: _____ DATE: _____ City Engineer RCE NO: _____ EXP DATE: _____
1.	LATHROP - MANTECA FIRE DISTRICT APPROVED BY: _____ DATE: _____ Fire Marshal
1.	CITY OF LATHROP CONSTRUCTION MANAGEMENT APPROVED BY: _____ DATE: _____ Senior Construction Manager
1.	CITY OF LATHROP LAND DEVELOPMENT APPROVED BY: _____ DATE: _____ Land Development Manager
1.	CITY OF LATHROP COMMUNITY DEVELOPMENT DEPARTMENT APPROVED BY: _____ DATE: _____ Community Development Director
1.	CITY OF LATHROP PARKS AND RECREATION DEPARTMENT APPROVED BY: _____ DATE: _____ Parks and Recreation Director

NOTES:

1. To be used if applicable.

NOT TO SCALE

Approved by:		
		
City Of Lathrop Public Works Director		
No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

SIGNATURE BLOCKS I



**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

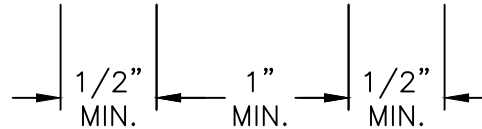
Drawing No:

G-1

TYPICAL TITLE AND APPROVAL BLOCK FOR IMPROVEMENT PLANS

REVISIONS	NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
				APPROVED BY	DATE

1.



PLAN REVISION BLOCK

NOTE

- To be placed on all sheets which include a revision.

NOT TO SCALE

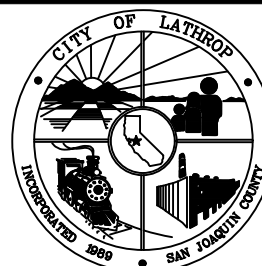
Approved by:

City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

SIGNATURE BLOCKS II



**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

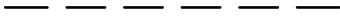
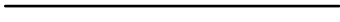
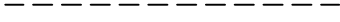
Drawing No:

G-2

DRAFTING STANDARDS

All Final Maps, Parcel maps, Records of Surveys, Improvement Plans, or Construction Drawings submitted to the City for revision and approval shall conform to and be prepared in accordance with the following standards:

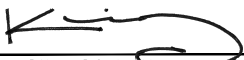
1. All lettering shall be a minimum of 0.1 inches (2.5mm) height using a 0.35mm pen. Vertical or slanted lettering may be used.
2. Final Maps, etc.

Subdivision Outline		0.80mm line width
Block Outline		0.60mm line width
Lot Lines		0.50mm line width
Easement Lines		0.35mm line width
Street Center Lines		0.35mm line width
Radial Bearing Lines		0.25mm Line width
Monument Set		
Monument Set in Cast Iron Box		M
Monument Found		
Monument Found in Cast Iron Box		

<u>Letters, size, style, and pen</u>		
Street names	MAIN	0.175-in (4.5mm), solid, 0.50mm pen
Lot Numbers	44	0.175-in (4.5mm), solid, 0.50mm pen
Bearing, Distances, Curve Data, Coordinates, etc.	N45°E 50.00'	0.100-in (2.5mm), solid, 0.35mm pen
Adjacent Subdivisions and Lot Numbers		0.175-in (4.5mm), shadow, 0.35mm pen

NOT TO SCALE

Approved by:



City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

DRAFTING STANDARDS I



**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

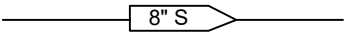
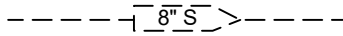
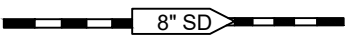
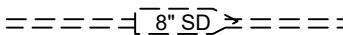
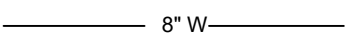
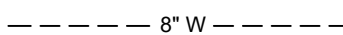
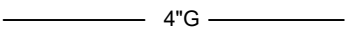
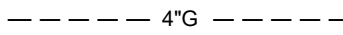
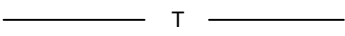
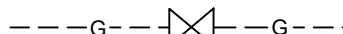
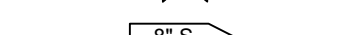
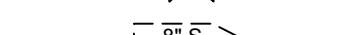
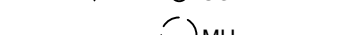
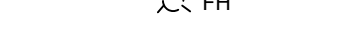
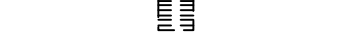
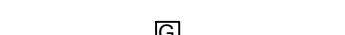
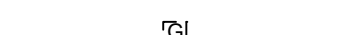
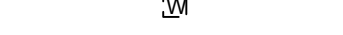
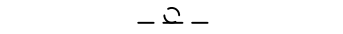
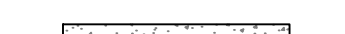
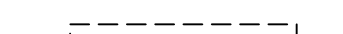
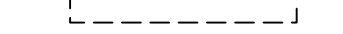
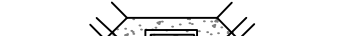
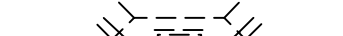
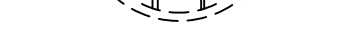
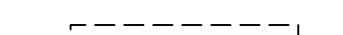
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G-3

DESCRIPTION

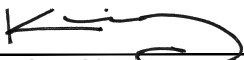
TO BE CONSTRUCTED

EXISTING

SANITARY SEWER		
STORM DRAIN		
WATER LINE		
GAS LINE		
TELEPHONE		
CABLE TELEVISION		
WATER VALVE		
GAS VALVE		
S.S. SERVICE LATERAL		
S.S. CLEANOUT		
MANHOLE		
FIRE HYDRANT		
CATCH BASIN		
GAS METER		
WATER METER		
SIGN		
CURB, GUTTER AND SIDEWALK		
WHEELCHAIR RAMP		
DRIVEWAY		
CONFORM PAVEMENT		
RAILROAD		
BARRICADE		
GUARD RAIL		
FENCE		

NOT TO SCALE

Approved by:



City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

DRAFTING STANDARDS II



**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

Drawing No:

G-4

DESCRIPTION

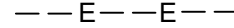
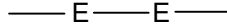
TO BE CONSTRUCTED

EXISTING

UTILITY POLE



ELECTRICAL CONDUIT



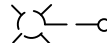
PULL BOX



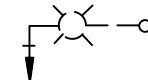
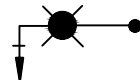
PULL BOX WITH DETECTOR
STUB IN CONDUIT



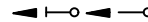
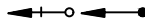
STREET LIGHT



COMBINATION TRAFFIC SIGNAL
WITH BACKPLATE & LUMINAIRE



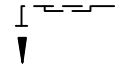
VEHICLE SIGNAL WITH
AND WITHOUT BACKPLATE



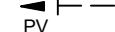
COMBINATION TRAFFIC SIGNAL,
RED/AMBER/GREEN ARROW,
AND BACKPLATE



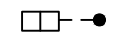
MASTARM SIGNAL WITH STREET
NAME SIGN



PROGRAMMED VISIBILITY HEAD
WITH BACKPLATE



PEDESTRIAN SIGNAL FACE



PEDESTRIAN PUSH BUTTON AND
ASSOCIATED VEHICLE PHASE



INDUCTIVE DETECTOR LOOP



TRAFFIC SIGNAL CONTROLLER
CABINET WITH DOOR SWING
AS SHOWN

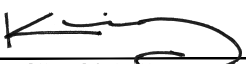


TYPE III OR III M SERVICE
CABINET WITH DOOR SWING
AS SHOWN



NOT TO SCALE

Approved by:



City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP DEPARTMENT OF PUBLIC WORKS DRAFTING STANDARDS III

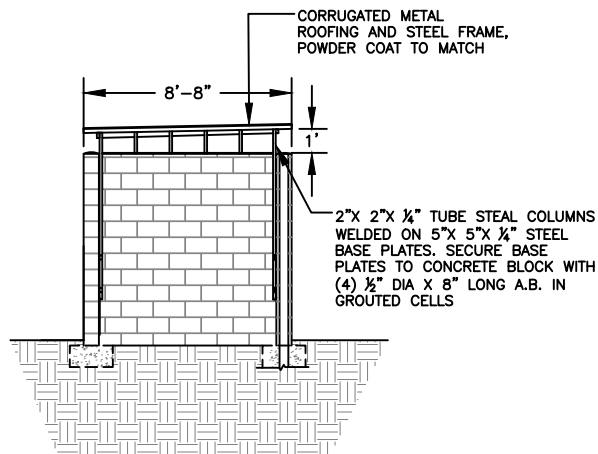
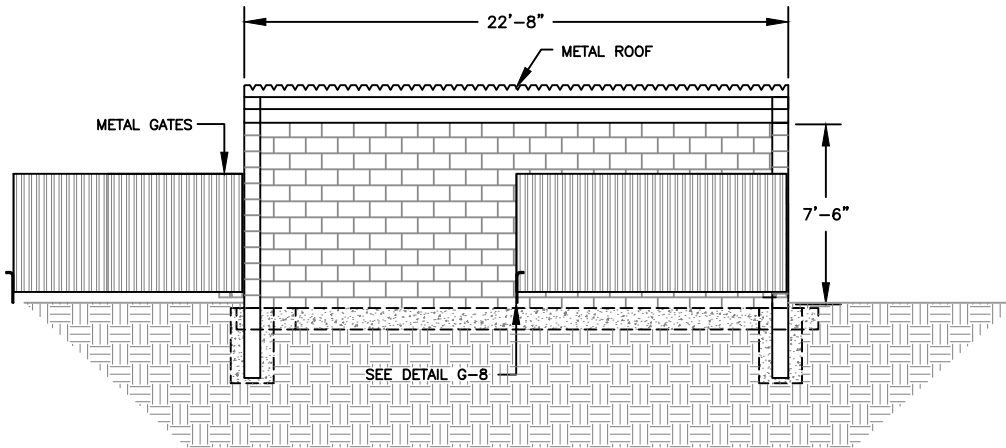
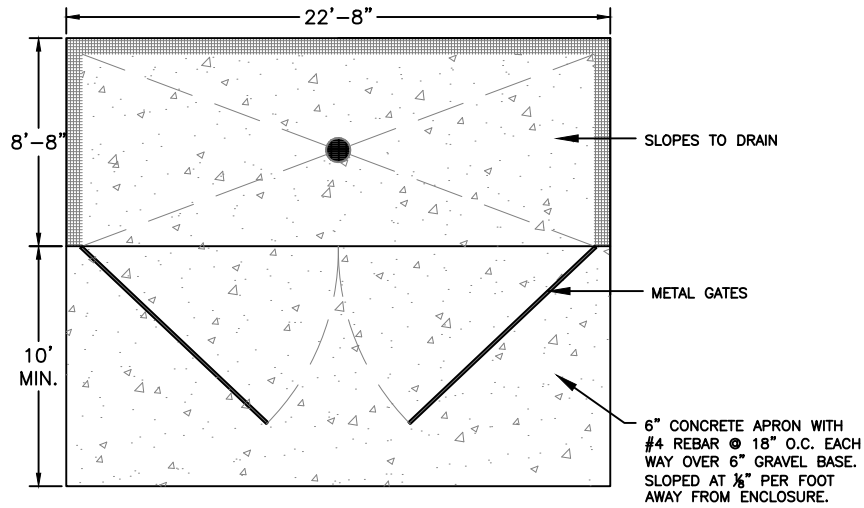


STANDARD DETAIL

Date: FEBRUARY 2022

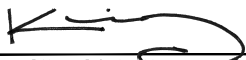
Drawing No:

G-5



NOT TO SCALE

Approved by:



City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

**SOLID WASTE
ENCLOSURE I**

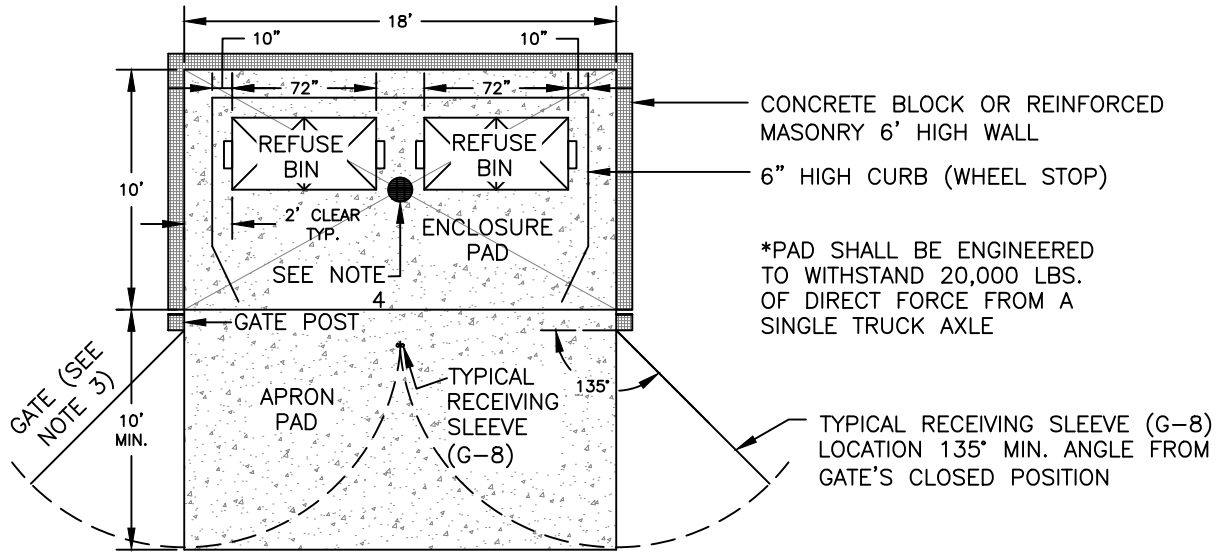


**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

Drawing No:

G-6



DOUBLE BIN ENCLOSURE

NOTES:

1. A minimum of 32' vertical and 50' horizontal clearance over the entire approach to and from the enclosure shall be provided.
2. Gates shall be solid metal with cane boltes/sleeve (see G-8) in the open and closed position. Each gate, with a maximum total span of 16' shall swing open a min. of 135° from closed position. Hung gates shall have a 4" clearance off the finished pad or apron and surrounding curb.
3. The exterior finish of the enclosure shall comply with standard conditions of approval for commercial and industrial projects. No enclosure shall be installed behind parking spaces.
4. If use includes fats, oils, or greases, trash enclosure shall drain to an interior sewer inlet and grease interceptor. If not, trash enclosure shall be graded such that storm water flows to the exterior of the enclosure to an existing storm system or pervious surface.
5. At a minimum, all trash enclosures shall consist of three solid walls, a gate, and a roof.
6. Trash enclosure width and depth will depend on bin size and enclosure use.

NOT TO SCALE

Approved by:

[Signature]

City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

**SOLID WASTE
ENCLOSURE II**

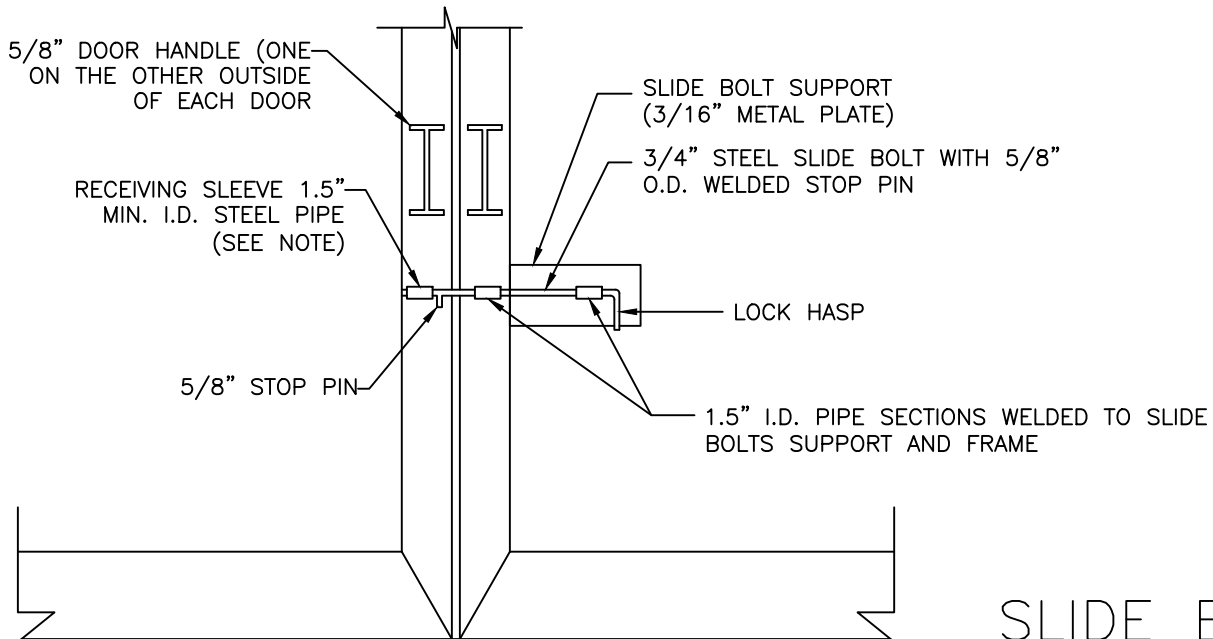


**STANDARD
DETAIL**

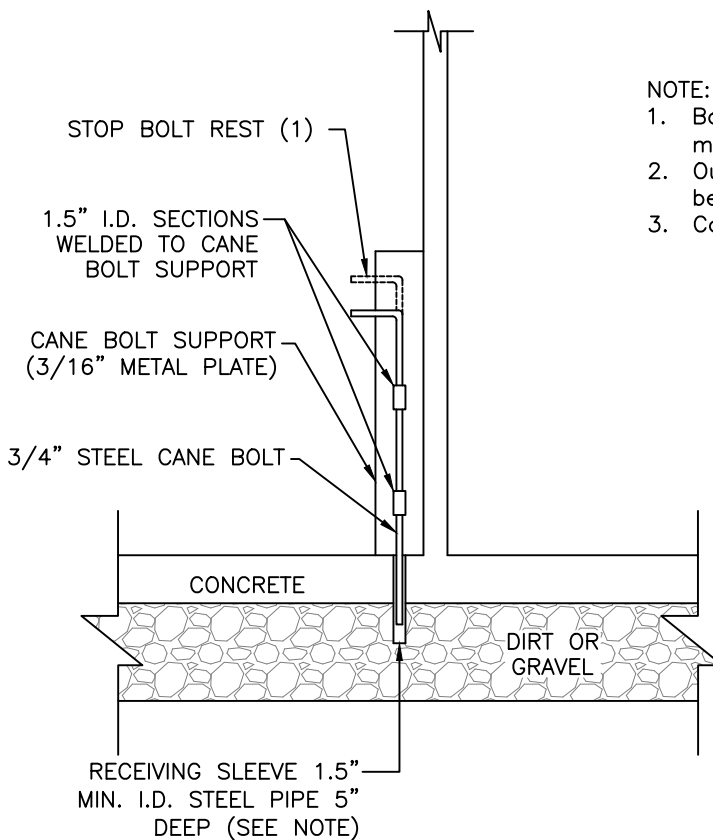
Date: **FEBRUARY 2022**

Drawing No:

G-7



SLIDE BOLT
DETAIL



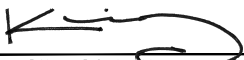
NOTE:

1. Bolts shall be min 3/4". sleeves on pipes shall be min. 1.5" or twice the bolt diameter.
2. Outside operating range for cane bolts must be between 24" and 32" from the ground.
3. Cane bolt must be mounted on the outside of door.

CANE BOLT
DETAIL

NOT TO SCALE

Approved by:



City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

**SOLID WASTE ENCLOSURE
BOLT DETAILS**

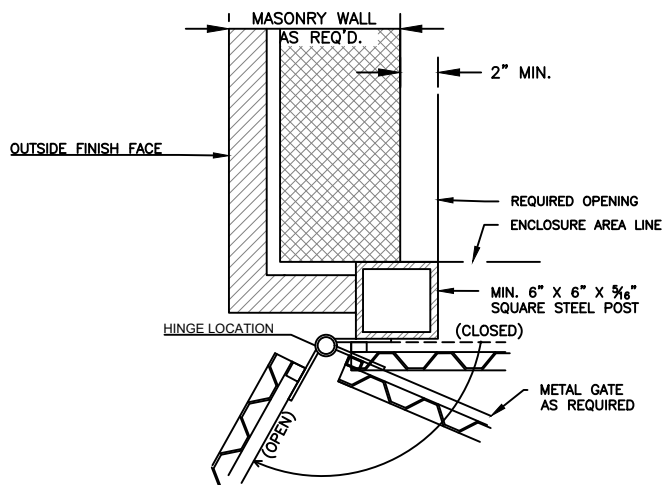


**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

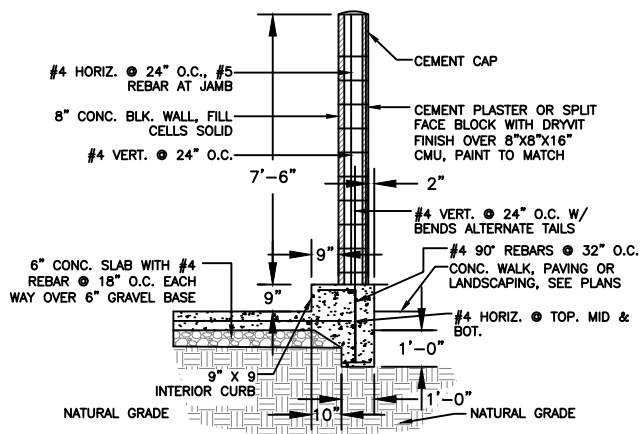
Drawing No:

G-8

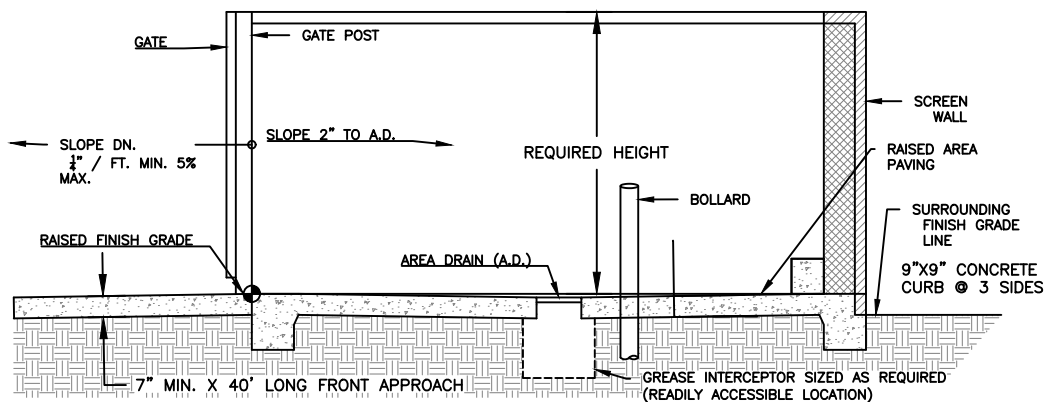


GATE POST PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



WALL CROSS SECTION



ENCLOSED AREA CROSS SECTION

NOT TO SCALE

Approved by:

[Signature]

City Of Lathrop
Public Works Director

No	Revised	Date

CITY OF LATHROP
DEPARTMENT OF PUBLIC WORKS

**SOLID WASTE ENCLOSURE
DETAILS**



**STANDARD
DETAIL**

Date: **FEBRUARY 2022**

Drawing No:

G-9