




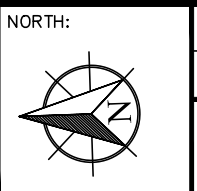
	EXISTING GRAVEL AREA		EXISTING CATCH BASIN
	EXISTING SPEED BUMPS		STEEL BOLLARDS
	PROPOSED CONCRETE RAMP		HANDICAP PARKING



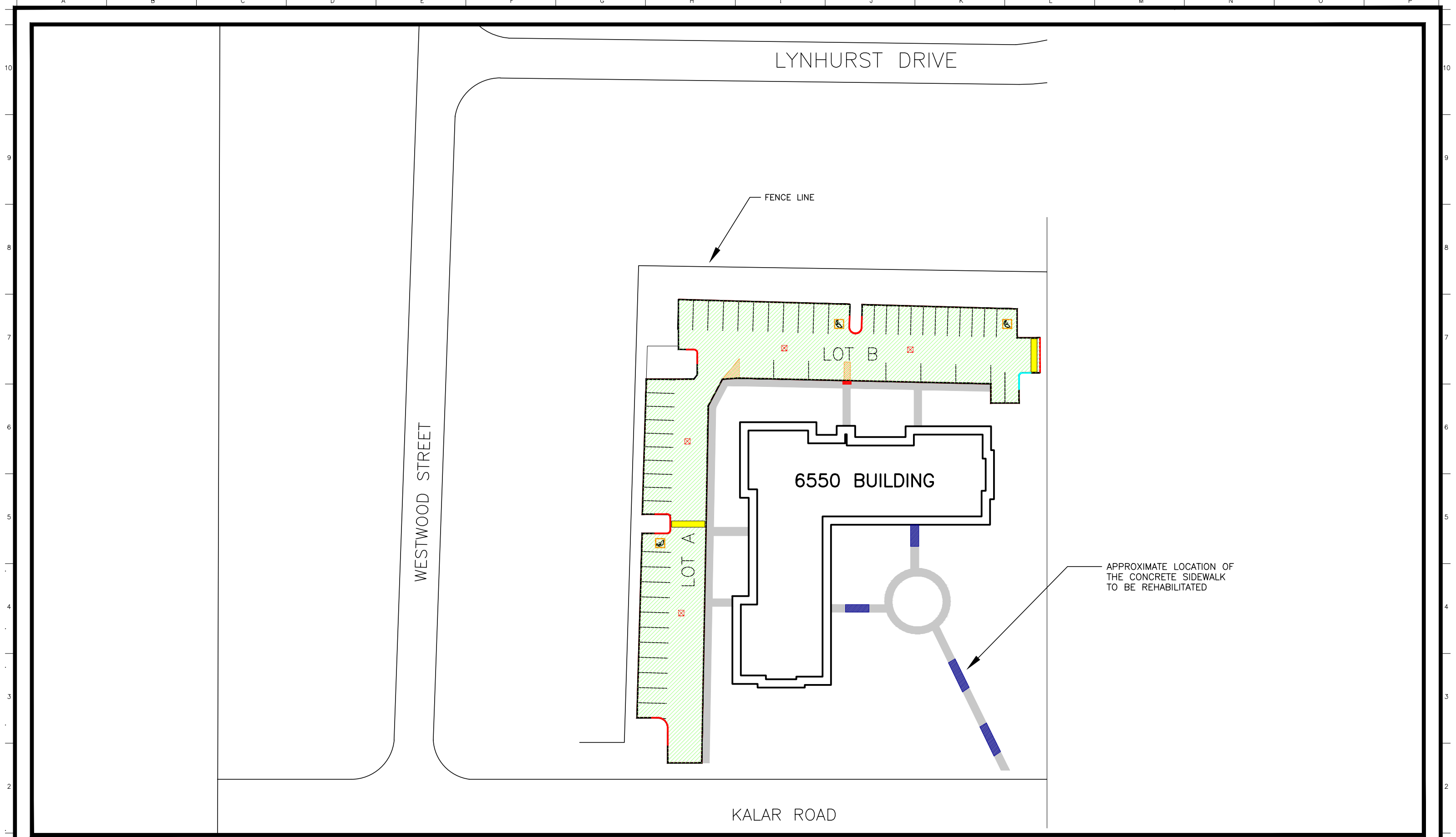
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 TOLL FREE: 1-888-607-5245 TEL: 905-607-7244  
 WWW.IRCGROUP.COM FAX: 905-607-7288

**TITLE:** SITE PLAN  
**CLIENT:** HOUSING SERVICES CORPORATION  
**PROJECT:** WESTWOOD PLACE  
 6550 & 6600 KALAR RD.  
 NIAGARA FALLS, ONTARIO

**IRC #:** 08621  
**W.O.#:** HA18-178SP  
**SCALE:** N.T.S.  
**DATE:** JANUARY 2019



**DRN.:** R.P.  
**CHK.:** M.M.  
**DWG.#:** D1



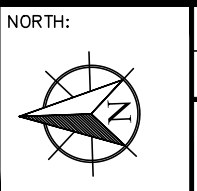
	PROPOSED REHABILITATION ASPHALT AREA (2019)		PROPOSED CONCRETE RAMP
	PROPOSED NEW CONCRETE SIDEWALK		HANDICAP PARKING
	PROPOSED NEW CONCRETE CURBS		EXISTING CATCH BASIN
	EXISTING SPEED BUMPS		



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TITLE:	PROPOSED LOT A & B
CLIENT:	HOUSING SERVICES CORPORATION
PROJECT:	WESTWOOD PLACE 6550 KALAR RD. NIAGARA FALLS, ONTARIO

IRC #:	08621
W.O.#:	HA18-178SP
SCALE:	N.T.S.
DATE:	JANUARY 2019









DRN.:	R.P.
CHK.:	M.M.
DWG.#:	D2

LYNHURST DRIVE

KALAR ROAD

6600 BUILDING

APPROXIMATE LOCATION  
OF THE PROPOSED  
TWO (2) NEW BOLLARDS

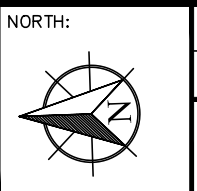
	PROPOSED REHABILITATION ASPHALT AREA (2019)		EXISTING CATCH BASIN
	PROPOSED NEW CONCRETE CURBS		STEEL BOLLARDS
	EXISTING SPEED BUMPS		HANDICAP PARKING



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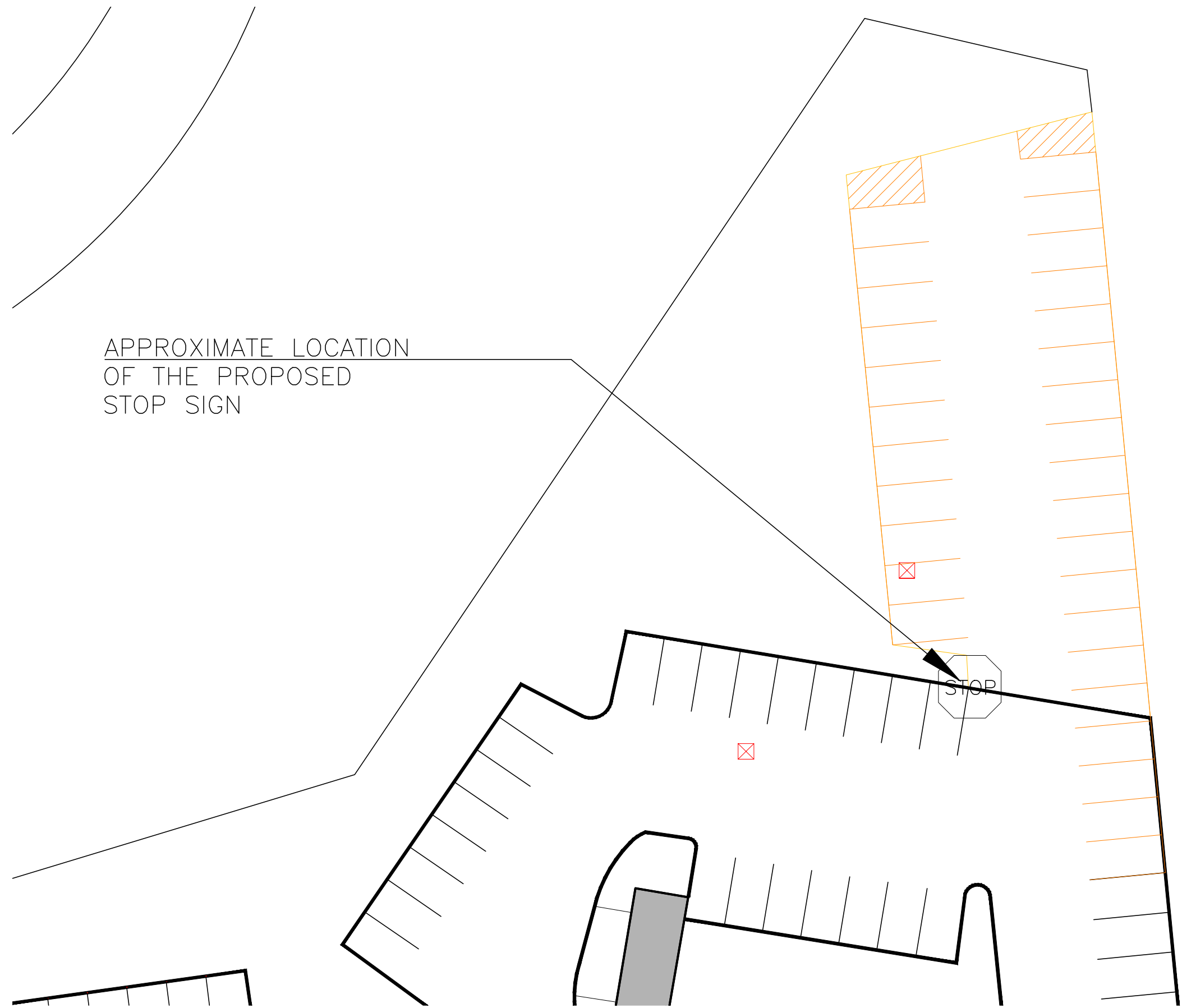
TITLE: PROPOSED LOT C, D & E  
CLIENT: HOUSING SERVICES CORPORATION  
PROJECT: WESTWOOD PLACE  
6600 KALAR RD.  
NIAGARA FALLS, ONTARIO

IRC #: 08621  
W.O.#: HA18-178SP  
SCALE: N.T.S.  
DATE: JANUARY 2019



DRN.: R.P.  
CHK.: M.M  
DWG.#: D3

APPROXIMATE LOCATION  
OF THE PROPOSED  
STOP SIGN



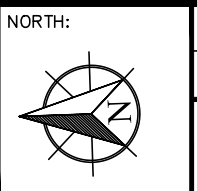
	PROPOSED SPEED BUMP
	EXISTING CATCH BASIN



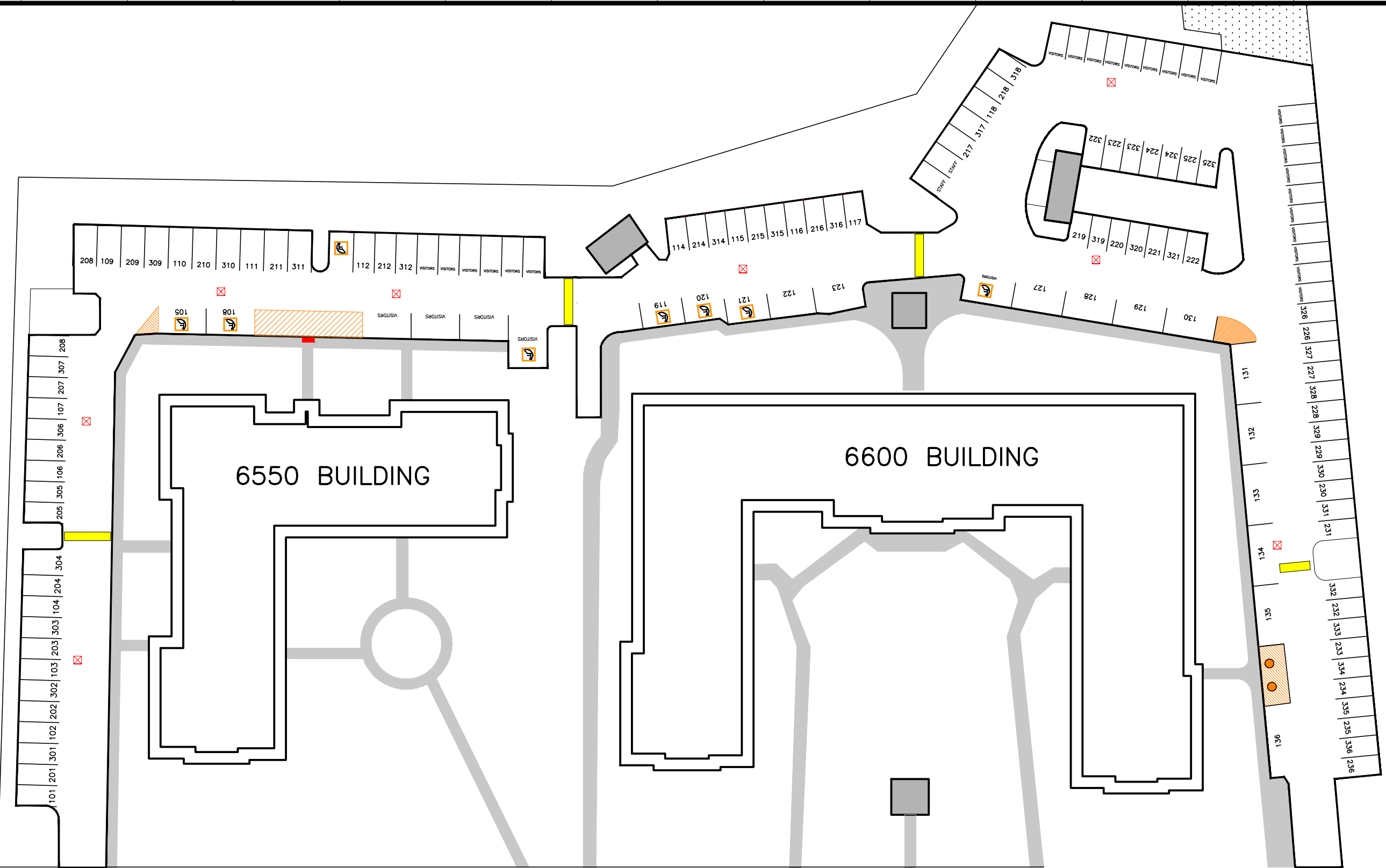
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TITLE: PROPOSED GRAVEL EXPANSION  
CLIENT: HOUSING SERVICES CORPORATION  
PROJECT: WESTWOOD PLACE  
6600 KALAR RD.  
NIAGARA FALLS, ONTARIO

IRC #: 08621  
W.O.#: HA18-178SP  
SCALE: N.T.S.  
DATE: JANUARY 2019



DRN.: R.P.  
CHK.: M.M.  
DWG.#: D4



KALAR ROAD

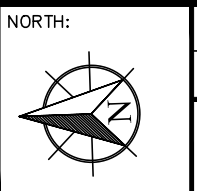
EXISTING CATCH BASIN



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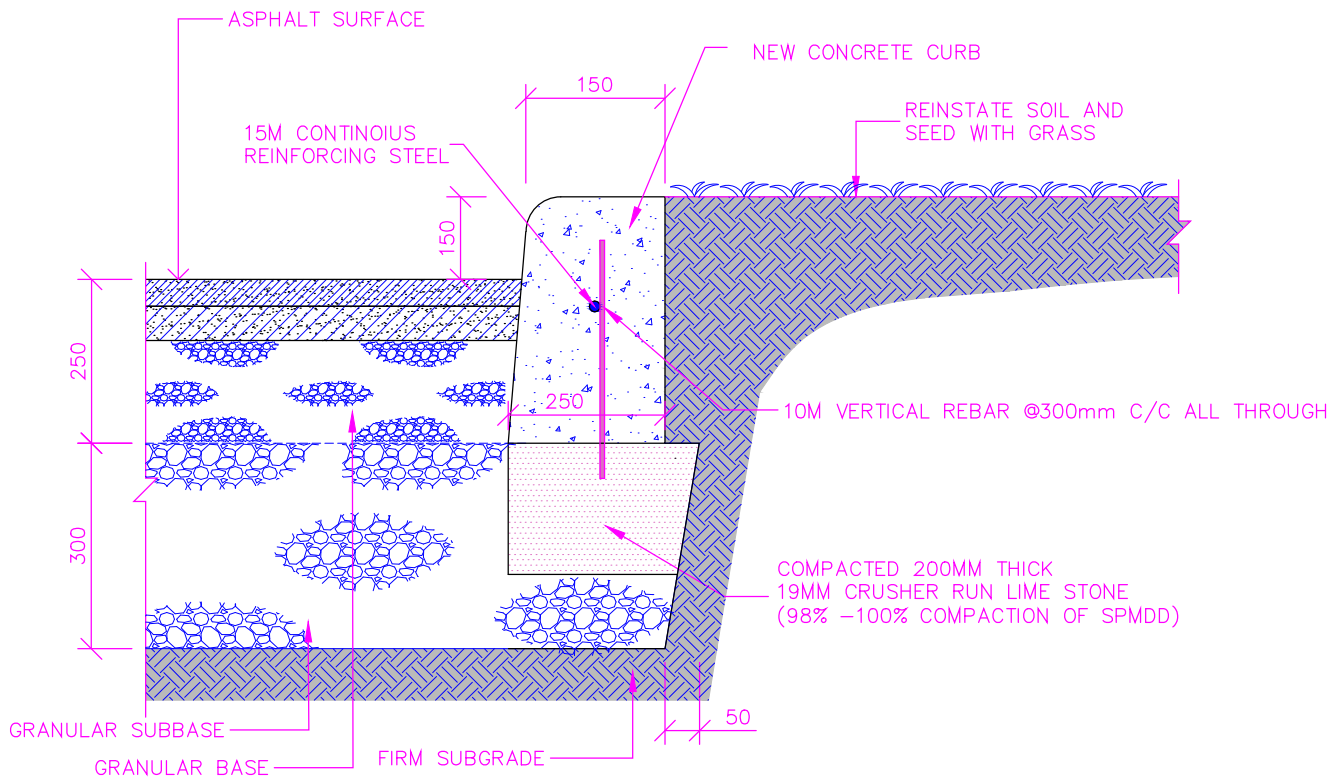
TITLE: SITE PLAN  
 CLIENT: HOUSING SERVICES CORPORATION  
 PROJECT: WESTWOOD PLACE  
 6600 KALAR RD.  
 NIAGARA FALLS, ONTARIO

IRC #: 08621  
 W.O.#: HA18-178SP  
 SCALE: N.T.S.  
 DATE: JANUARY 2019



DRN.: R.P.  
 CHK.: M.M.  
 DWG.#: D5

\\IRC-PR-FST\USERS\RLAUGHLIN\DESKTOP\X-SECTION DETAILS\CAD DETAILS\2AC07\_MODIFIED.DWG



TITLE: NEW CONCRETE CURB DETAIL

IRC #: —

SCALE: N.T.S.

W.O. #: —

DATE: NOV. 18/2015

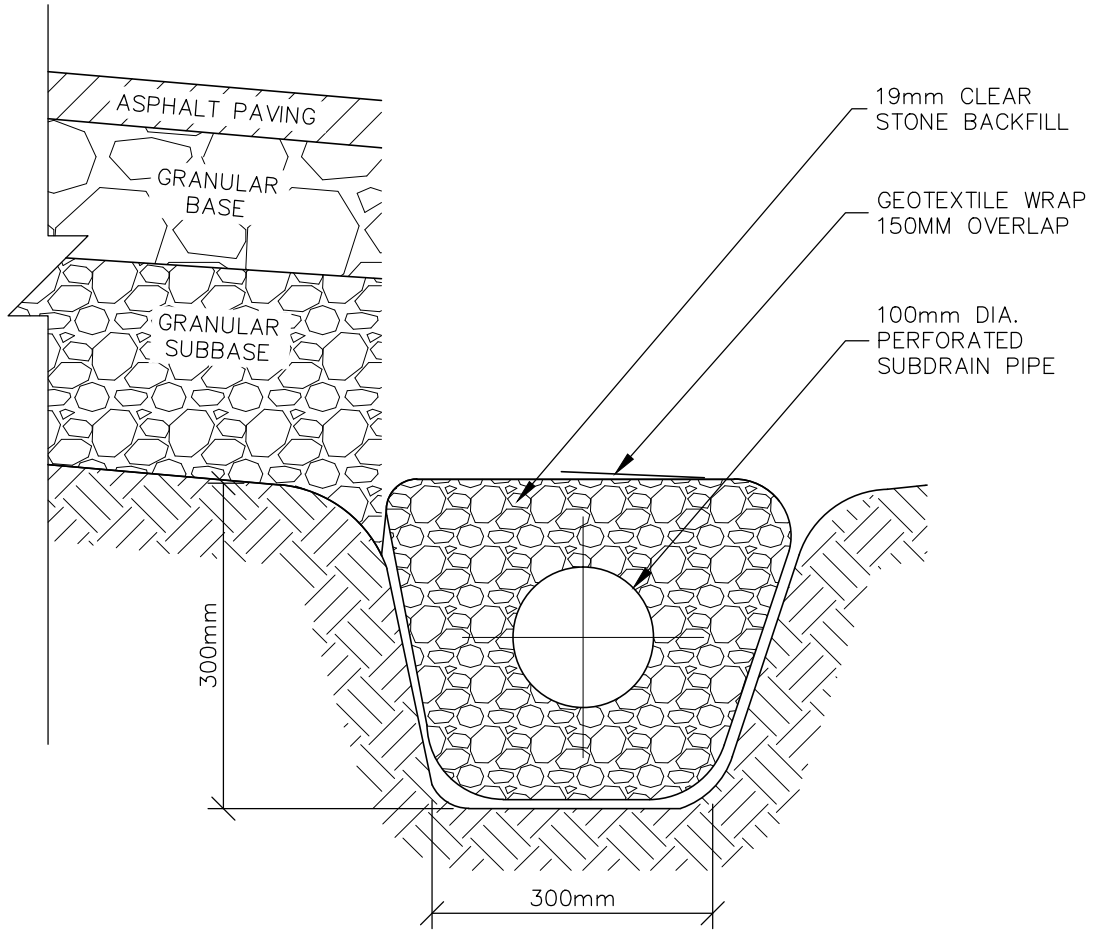
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DRN. BY: M.H.

DWG.#: 2AC07

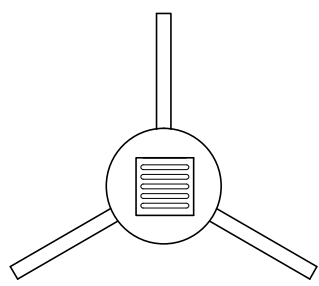
CHK. BY: M.M.

M:\ADMIN\BUILDINGSCIENCE\DETAILS\2\_PARKING\_REHABILITATION\AC ASPHALT CONC\2AC09.DWG

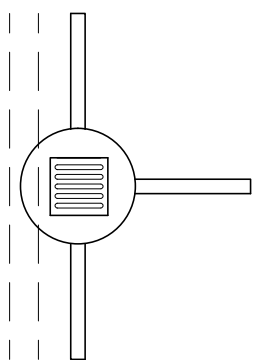


SECTION DETAIL  
PAVEMENT SUBDRAIN

SCALE: N.T.S.



PLAN DETAIL  
AREA CATCH BASIN  
SCALE: N.T.S.

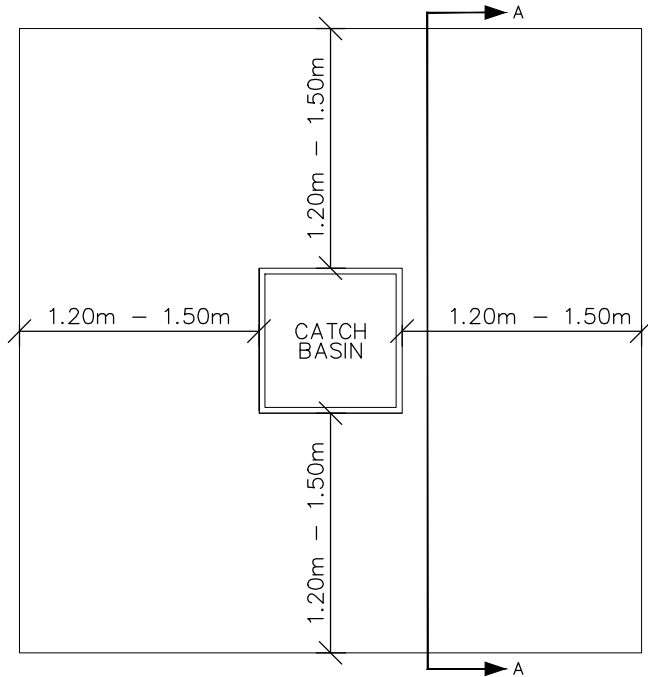


PLAN DETAIL  
CATCH BASIN AT CRUB  
SCALE: N.T.S.

- NOTES:
1. PLACE 100mm DIAMETER PERFORATED SUBDRAIN PIPE SURROUNDED BY 20mm CLEAR CRUSHED STONE AND WRAPPED IN FILTER CLOTH.
  2. SUBDRAINS TO BE INSTALLED AT MINIMUM 0.5 PERCENT GRADE AND CONNECT TO POSITIVE OUTLET (I.E. DITCH OR CATCHBASIN); UNIT PRICE TO INCLUDE TEE CONNECTIONS.

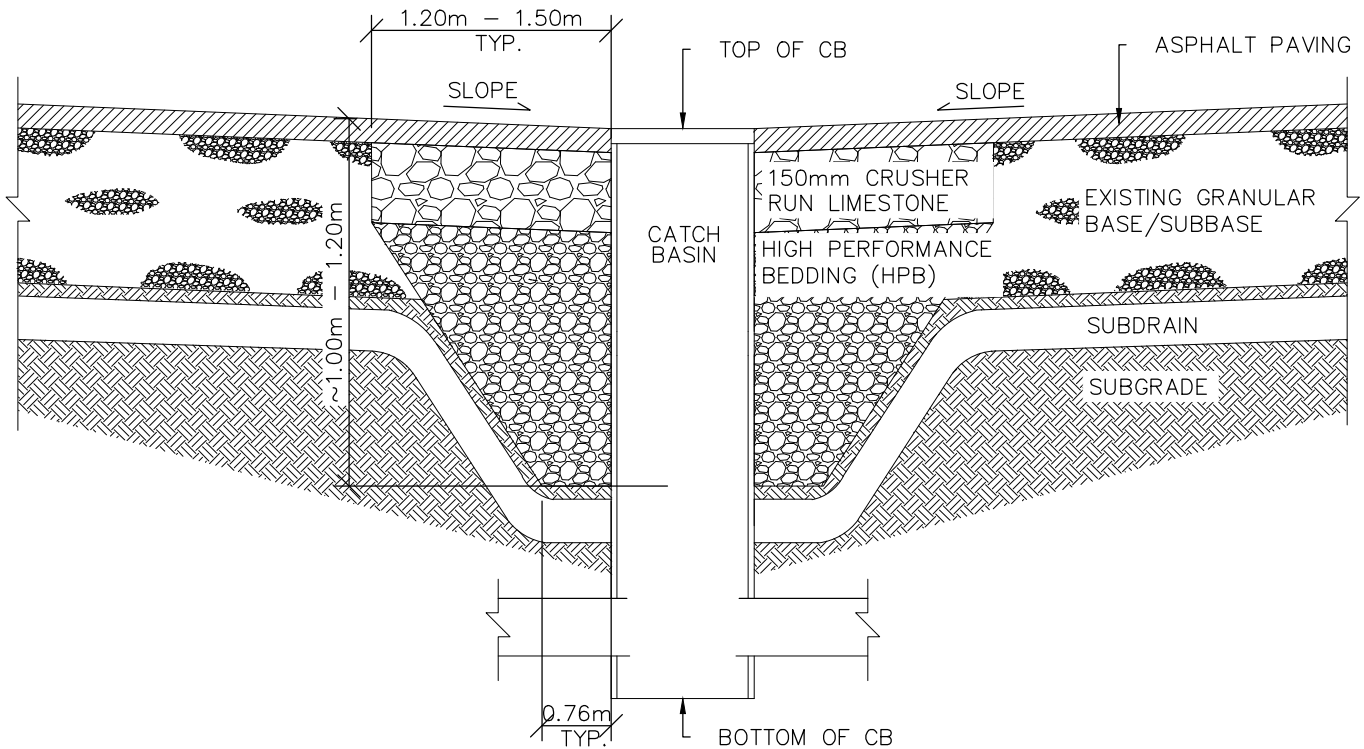


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		<p>W.O. #: —</p>	<p>DATE: JAN. 09/15</p>
		<p>DRN. BY: C.N.P.</p>	<p>DWG.#: 2AC09</p>
		<p>CHK. BY: M.M.</p>	



PLAN DETAIL  
FROST TREATMENT AREA

SCALE: N.T.S.



SECTION A - A DETAIL  
FROST TREATMENT AREA

SCALE: N.T.S.

M:\ADMIN\BUILDINGSCIENCE\DETAILS\2\_PARKING\_REHABILITATION\AC ASPHALT\_CONC\2AC10.DWG



TITLE: CATCHBASIN FROST  
TREATMENT DETAIL

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W.O. #: —

DRN. BY: C.N.P.

CHK. BY: M.M.

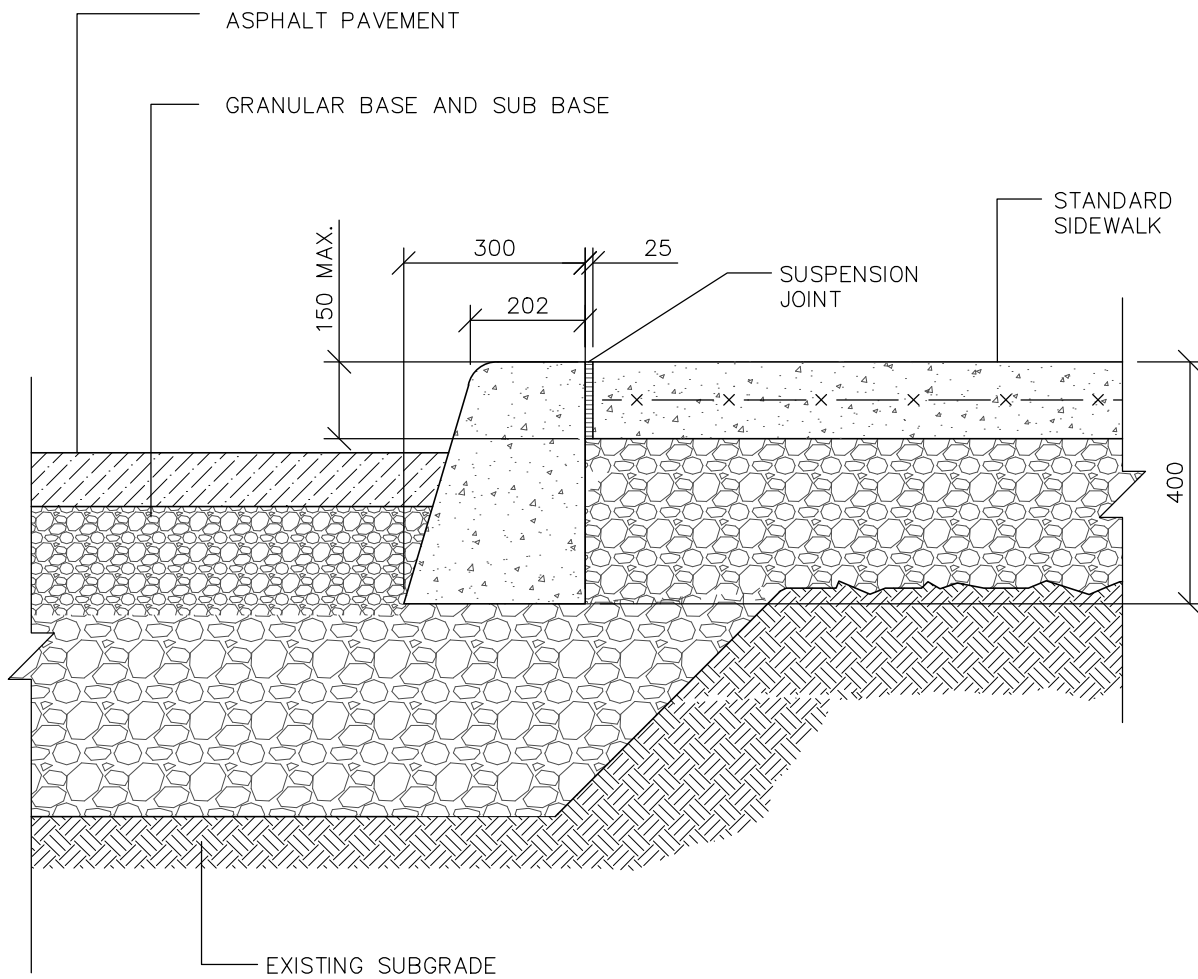
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DATE: JAN. 09/15

DWG.#:  
2AC10



M:\ADMIN\BUILDINGSCIENCE\DETAILS\2\_PARKING\_REHABILITATION\AC ASPHALT CONC\2AC11.DWG



TYPICAL STANDARD CURB  
AT SIDEWALK

SCALE: N.T.S.



TITLE: TYPICAL STANDARD CURB  
AT SIDEWALK

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IRC #: —

W.O. #: —

DRN. BY: C.N.P.

CHK. BY: M.M.

SCALE: N.T.S.

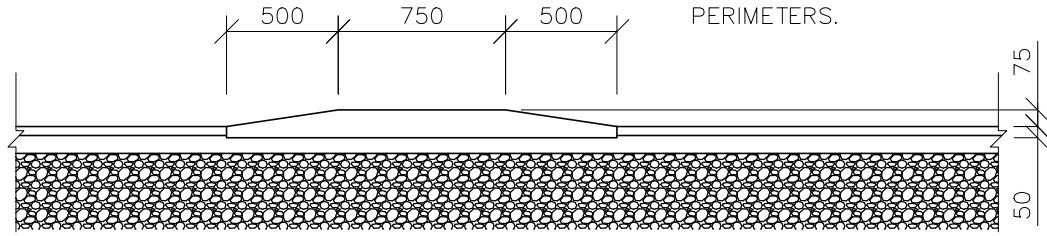
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DWG.#: 2AC11

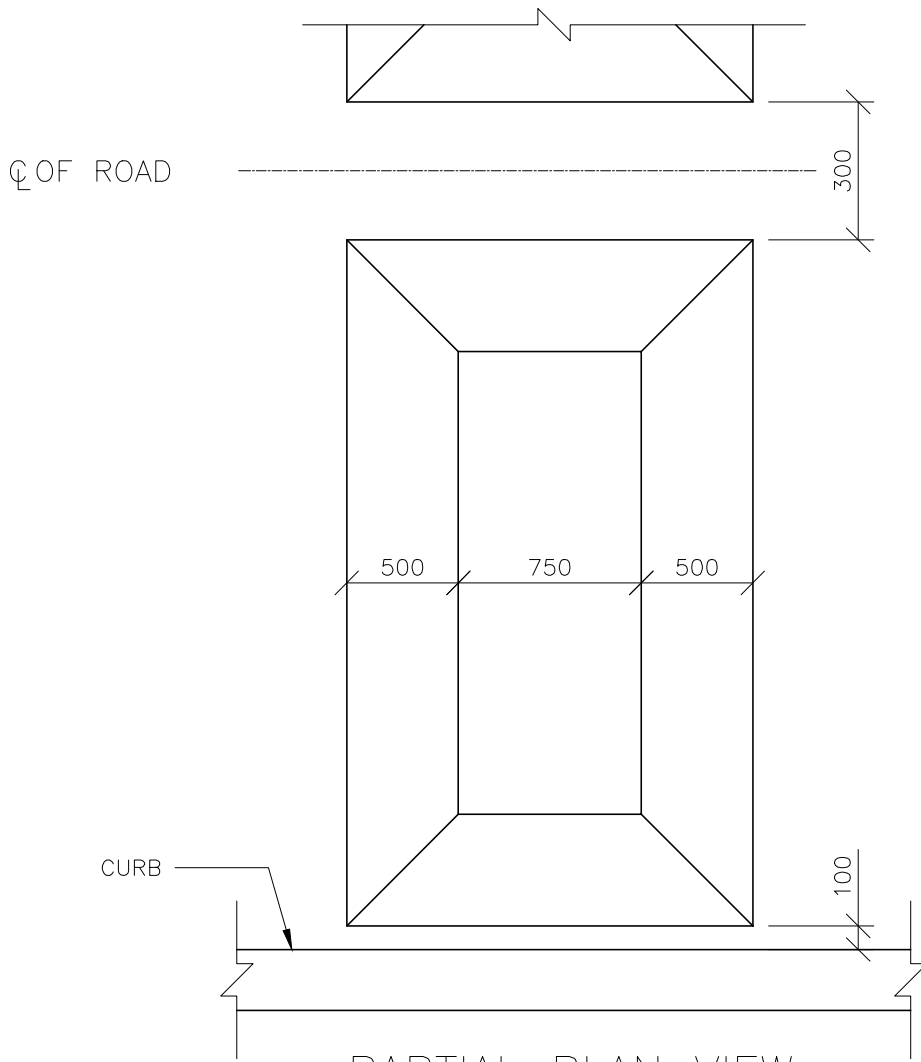
M:\ADMIN\BUILDINGS\DETAILS\2\_PARKING\_REHABILITATION\AC-ASPHALT CONC\2AC12 - SPEED BUMP.DWG

NOTES:

1. ASPHALT TO BE USED FOR SPEED BUMP
2. SPEED BUMP TO BE RECESSED 50mm (KEYED INTO ASPHALT).
3. SS1 TACK COAT BETWEEN KEY AND NEW SPEED BUMP ASPHALT.
4. ROUT AND PROVIDE SEALANT AT PERIMETERS.



CROSS SECTION



PARTIAL PLAN VIEW



TITLE: TYPICAL SPEED BUMP  
PLAN AND SECTION DETAIL

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W.O. #: -

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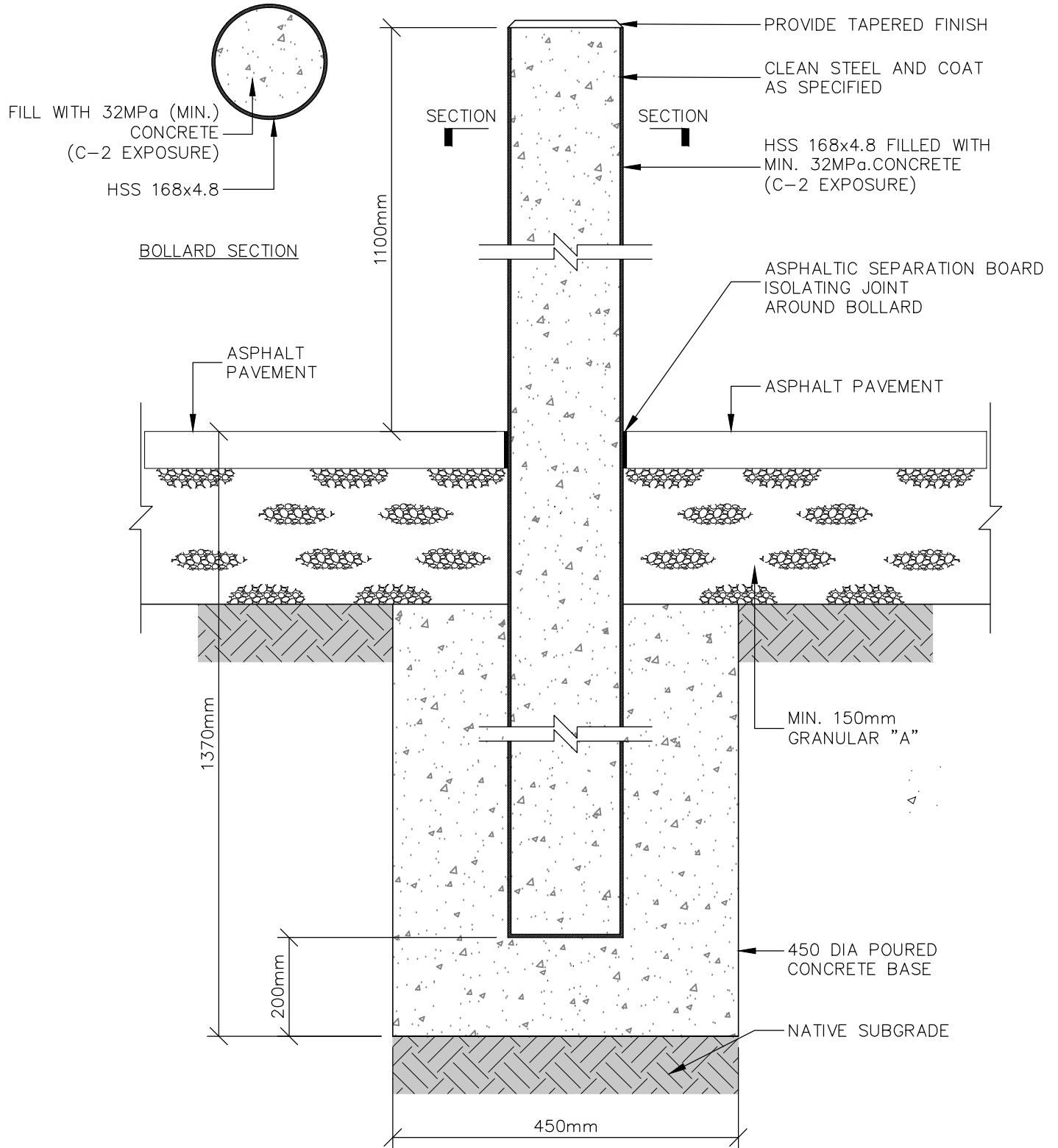
CHK. BY: M.M.

SCALE: N.T.S.

DATE: MAY 5/2015

DWG.#: 2AC12

M:\ADMIN\BUILDINGSCIENCE\DETAILS\2\_PARKING\_REHABILITATION\AC- ASPHALT CONC\2AC13 - STEEL BOLLARD.DWG



TITLE: STEEL BOLLARD DETAIL

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IRC #: -

W.O. #: -

DRN. BY: T.R.V.

CHK. BY: M.M.

SCALE: N.T.S.

DATE: JUNE 2015

DWG.#: 2AC13