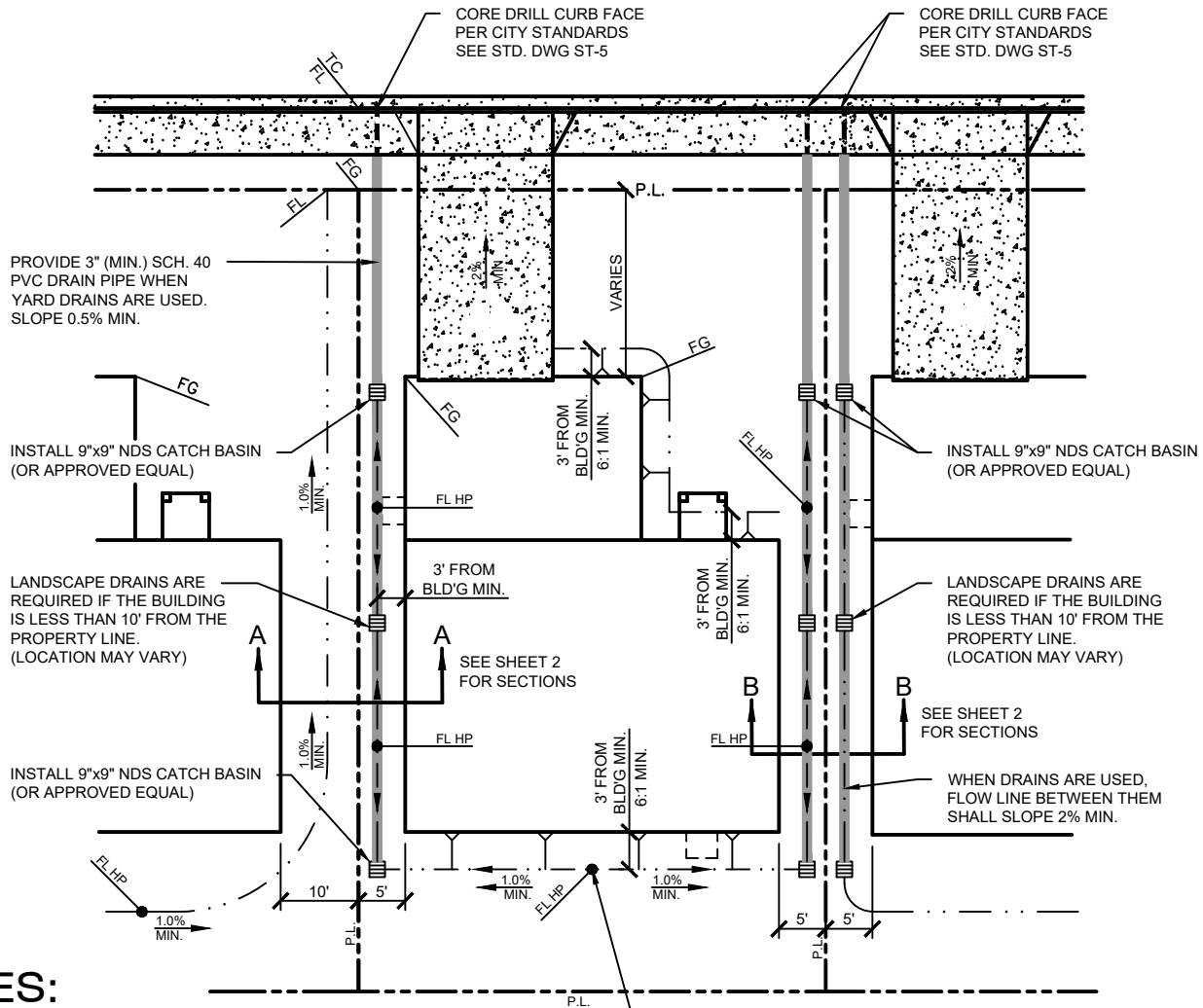


STREET NAME



NOTES:

1. ALL FLOW LINES ARE TO BE AT 1% MINIMUM SLOPE. EXCEPT AT SIDE YARDS, SLOPE SHALL BE 2% BETWEEN DRAINS WHEN USED
2. DRAIN PIPE IS TO BE INSTALLED AT A MINIMUM SLOPE OF .5%.
3. INLETS FOR THE PROPOSED DRAIN PIPE ARE TO BE LOCATED BETWEEN THE CURB FACE AND THE FENCE LINE. LOCATION OF ADDITIONAL ON-SITE ON-SITE INLETS WILL BE DETERMINED BY BUILDING AND SAFETY.
4. SEE STANDARD DWG NO. G-3; SHEET 2 FOR TYPICAL SIDE YARD SECTIONS
5. SEE STANDARD DWG NO. ST-5 FOR CORE DRILLING CURB FACE SECTIONS
6. EXACT LOCATION OF CATCH BASINS AND HIGH POINT OF FLOW LINES MAY VARY
7. ALL FINISHED FLOOR, TOP OF GRATE (TG), CATCH BASIN, PIPE INVERT ELEVATIONS (IE), FINISHED GRADE (FG), AND FLOW LINE (FL) ELEVATIONS SHALL BE SHOWN ON PRECISE GRADING AND SITE PLANS

SWALE FLOW LINE HIGH POINT MUST BE EQUAL TO OR LESS THAN FINISH PAD ELEVATION MINUS 6-INCHES

LEGEND

- · — · — FLOW LINE
- PVC DRAIN LINE
- — — — — PROPERTY LINE
- ▤ YARD DRAIN
- Y GRADED SLOPE

DRAINAGE:

DRAINAGE AWAY FROM BUILDING SHALL CONFORM TO SECTION R401.3 OF THE CALIFORNIA RESIDENTIAL CODE AND THIS DETAIL

BACK YARD / FRONT YARD

- HP ≤ FG - 6" MINIMUM AT 3-FOOT MINIMUM FROM BUILDING

SIDE YARD SWALE:

- HP = FG - (0.02 x D) WHERE "D" = FL DISTANCE FROM BUILDING. D > 3'

- FOR MULTIPLE HP'S, OVERLAND EMERGENCY OVERFLOW SHALL BE 1% MINIMUM BETWEEN UPSTREAM & DOWNSTREAM HIGH POINTS.

DRAWN BY: M.W.M.

CITY OF HESPERIA



REV. DATE

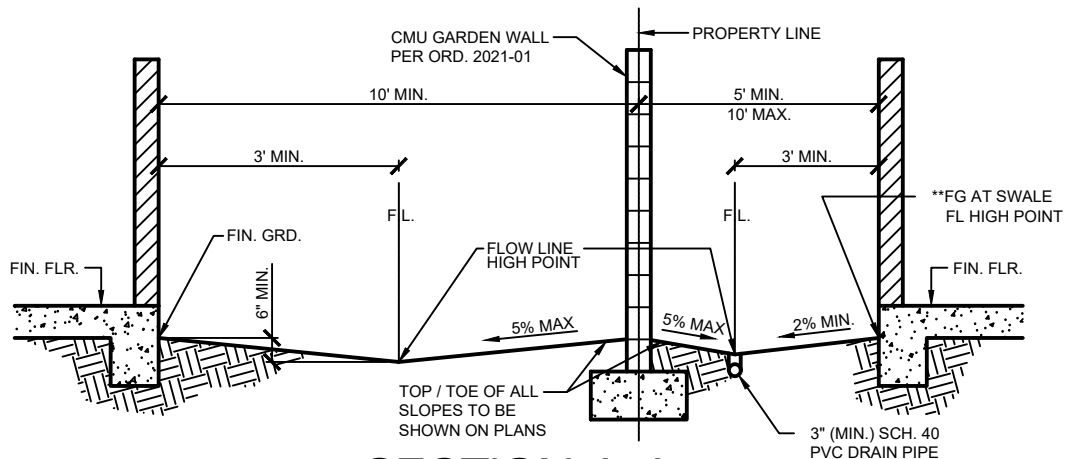
STD. DRWG. NO.

APPROVED BY: M. Jhoti

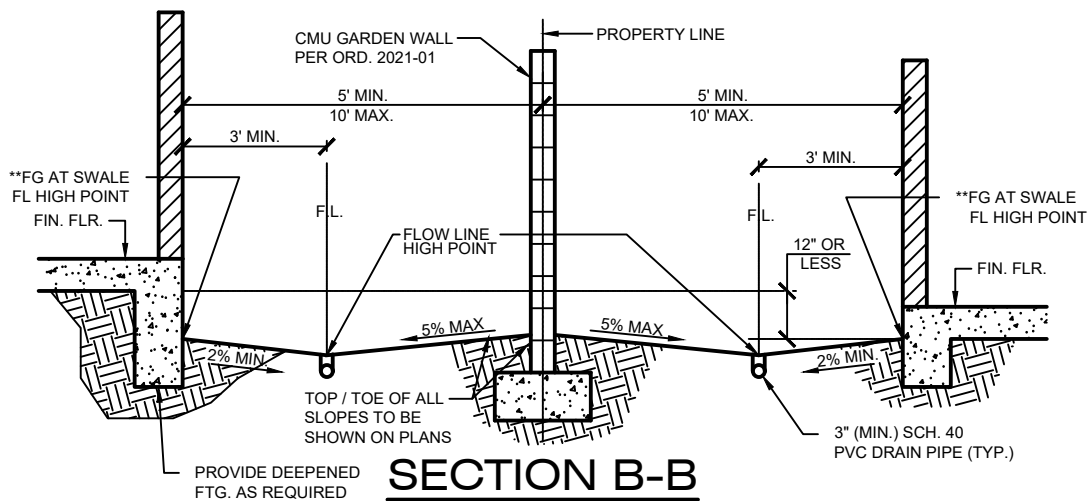
TYPICAL IN-TRACT
LOT GRADING

DATE: 03/21/23

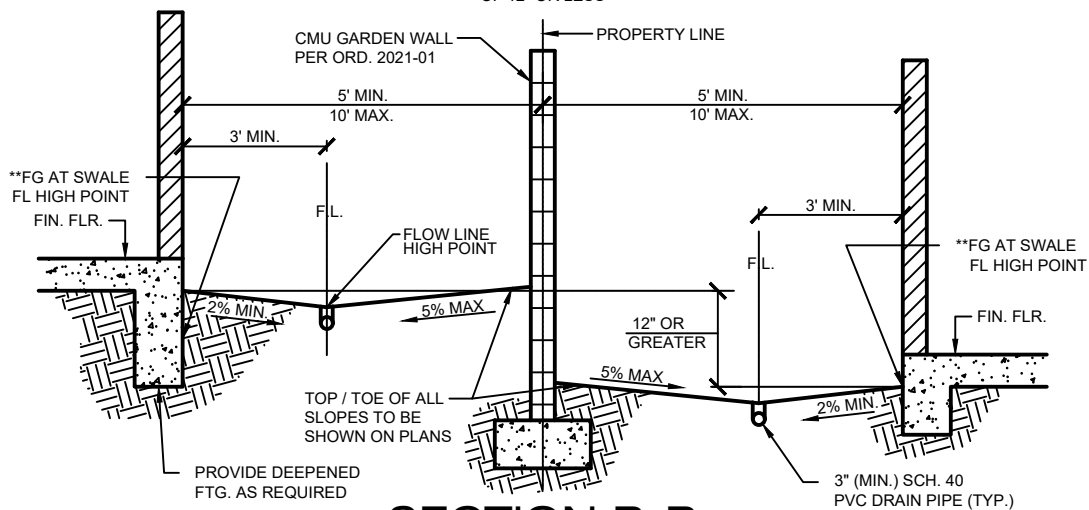
G-3
SHEET 1 OF 2



SECTION A-A
STANDARD SIDE YARDS



SECTION B-B
CASE 1
PAD ELEVATIONS DIFFERENCES
OF 12" OR LESS



SECTION B-B
CASE 2
PAD ELEVATIONS DIFFERENCES
OF 12" OR GREATER

** FG $\leq$ FF-6" MIN. (+ OR - EXCEPTIONS
PER CBC/CRC ARE TO BE
COORDINATED WITH THE PROJECTS
ARCHITECT & APPROVED BY THE
BUILDING OFFICIAL

DRAWN BY: M.W.M.

APPROVED BY: *M. Jhoti*

DATE: 03/21/23

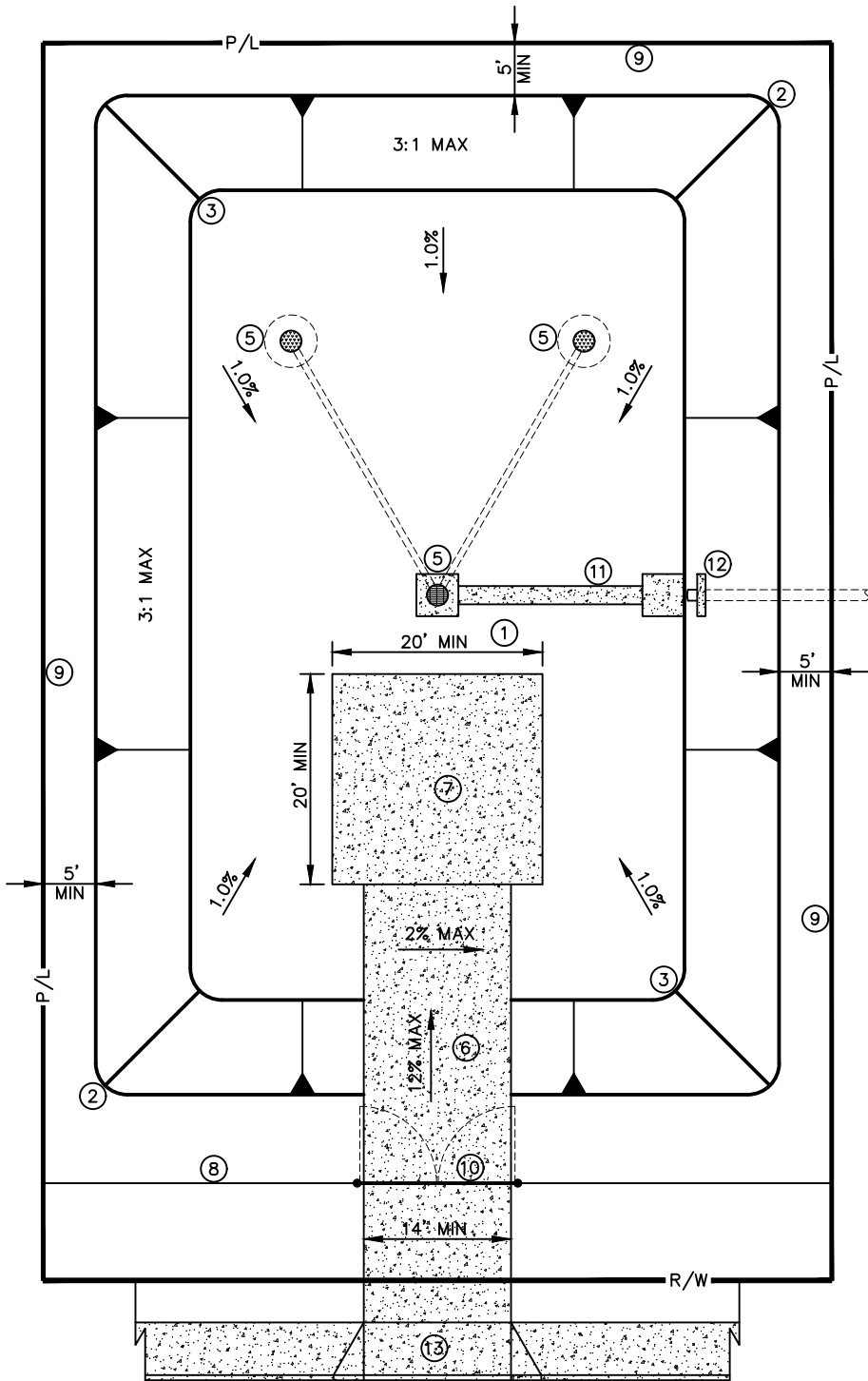
CITY OF HESPERIA

TYPICAL SECTIONS FOR
IN-TRACT LOT GRADING



REV. DATE STD. DRWG. NO.

G-3
SHEET 2 OF 2



NOTES:

- ① - "FS" ELEVATION AT BOTTOM OF BASIN
- ② - "TOP" ELEVATION AT ALL CORNERS
- ③ - "TOE" ELEVATION AT ALL BOTTOM CORNERS
- ④ - "FL" ELEVATION AT LIP OF SPILLWAY
- ⑤ - SEEPAGE PIT PER C.O.H. STD DWG SP-1
- ⑥ - VEHICULAR ACCESS RAMP (NOTE 5)
- ⑦ - PARKING APRON (NOTE 5)
- ⑧ - 2' MASONRY WALL W/ 4' WROUGHT IRON
- ⑨ - 6' MASONRY WALL
- ⑩ - 16'W X 6'H DOUBLE ACCESS GATE
- ⑪ - CONCRETE SPLASH PAD & SWALE
- ⑫ - INLET HEADWALL & PIPE
- ⑬ - 14'W RESIDENTIAL D/W APPROACH PER C.O.H. STD DWG ST-2

NOTES:

1. ALL BASINS OVER 18" DEEP ARE SUBJECT TO MAINTENANCE VEHICLE ACCESS UNLESS OTHERWISE APPROVED IN WRITING.
2. ALL BASINS SHALL BE ENGINEERED TO DRAIN WITHIN 48 HOURS OF ANY RAIN EVENT.
3. SIDE SLOPES SHALL NOT EXCEED 3:1 SLOPE AND THERE SHALL BE A 5' BENCH ALONG TOP OF ALL SIDE SLOPES.
4. PERIMETERS OF ALL BASINS MUST HAVE WALLS OR FENCES PER CITY REQUIREMENTS.
5. CONCRETE ACCESS ROAD AND PARKING APRON TO BE 6" THICK MIN W/ 6X6 WELDED WIRE MESH.
6. IRRIGATION & PLANTING PER HESPERIA REC. & PARK DISTRICT STANDARDS & SPECIFICATIONS.

DRAWN BY: M.R.C.

APPROVED BY: M. Jhoti

DATE: 03/21/23

CITY OF HESPERIA

RETENTION BASIN



REV. DATE

STD. DRWG. NO.

G-6