



**Urban Design Approval (Not A Construction Permit)  
PH. NO. (313) 964-9236**

Approval requested by: Jeff Emery from Norstar Construction  
248-408-5172

Street Number	Dir. Street Name	Tag No.	Project
2295 East Vernor		-0- Storm Man. Syst. no	Ciena Health Care

**Prop. Desc.  
Water Approval  
Details**

Property located in the block bound by Vernor, Dubois, Hunt and Chene streets..

- Relocation of 456 lf of 8" water main in new easement in Hendricks (revised petition 1095 in process). Old min will be removed from the ground.
- Installation of two new fire hydrants on the new water main in new easement in Hendricks
- 6" water service tap to the newly relocated 8" main in Hendricks to split into 6" fire and 4" domestic

Approver: M. Boudali  
Approval Date: 7/19/2017  
Water Map 21K  
Sewer Map 39E  
W-Main loc. in Hendricks (see attached drawings)  
Alley Width:  
T-size 8x6x8  
Sewer Depth  
Insp. Deposit:

**Sewer  
Approval  
Details**

- 8" sanitary tap to connect to 15"x20" sewer in east west alley, north of Hendricks
- New manhole on 18"x24" in Hendricks, at intersection of first north south alley west of Hendricks and a sewer bulkhead at Hendricks and Dubois
- 15" storm lead @.5% to connect to above new manhole
- Sewers between Dubois and Chene and south of Hendricks will be removed, as well as sewer in Hendricks up to the alley west of Chene..

- Place stop box and valves within city R.O.W.
- Water meter/Detector check is not to be installed until the backflow preventer is placed to B.O.C.A. code within 15 feet downstream of water meter.
- Water service less than 3" to be k-copper type, and 3" and greater to be ductile iron pipe class 56.
- Tee to be used.
- Sewer Connection to be no higher than 2 1/4 feet above manhole bottom, otherwise drop connection is required.
- DWSD permit and inspection are required. All installations and materials as per DWSD specifications and standards.
- Double detector check as per DWSD standard is required on fire line. Fire pump should not be reciprocating type pump. Fire pump must be equipped with automatic shutoff switch and pressure sensors to shut off the pump when the suction pressure in the pipe drop to 20 psi or below.

**Notes:**

- Permit fees: water: \$10478 sewer : \$2600 for a total permit fees of: \$13078 + meter fees
- No work to be undertaken prior to notifying DWSD's inspector as per Permit terms & conditions.
- All Approvals, flow test reports and/or Permits are valid for one (1) year. It is important that all work must be initiated before the expiration date.
- Call for inspection 48 hrs. in advance at (313) 267-8092 (office), or (313) 999-3928 (cell)
- It is the permittee responsibility to revise and follow up on the petition related to this approval (petition 1095)
- The approval is also conditional to an acceptable flow test result