

IRRIGATION LEGEND

- | SYMBOL | DESCRIPTION |
|--------|--|
| | Rain Bird 10H 1804 |
| | Rain Bird 10Q 1804 |
| | Rain Bird 15F 1804 |
| | Rain Bird 15H 1804 |
| | Rain Bird 15Q 1804 |
| | Rain Bird 15-VAN 180 1804 |
| | Rain Bird 15-VAN 90 1804 |
| | Rain Bird B15-CST 1804 |
| | Rain Bird 12-VAN 180 1812 |
| | Rain Bird 12-VAN 90 1812 |
| | Rain Bird 15Q 1812 |
| | Rain Bird 15-VAN 180 1812 |
| | Rain Bird 15-VAN 90 1812 |
| | Rain Bird 5000 Series 1.0 5004-PC |
| | Rain Bird 5000 Series 2.0 5004-PC |
| | Rain Bird 5000 Series 4.0 5004-PC |
| | 1 1/2 inch meter |
| | Watts 009M2QT - 1 1/2" In Building at location approved by Owner |
| | 2 inch isolation valve |
| | Rain Bird 100-PGA Globe |
| | Rain Bird 150-PGA Globe |
| | Hunter PC-1200i |
| | Hunter FREEZE-CLIK |
| | Hunter MINI-CLIK |

CONTROLLER AND FREEZE SENSOR

Attach controller per manufacturer's instructions in building wall 5' above floor grade. Install valve wire in plastic valve box in grass area adjacent to controller location. Bring valve wire to this plastic valve box located adjacent to the controller location. Install valve wire using water tight connectors from the valve box to the controller in 1" rigid conduit attached to the building wall. Mount freeze sensor on the building wall a minimum of 7' above ground grade. Wires from sensor to be in 1/2" rigid conduit attached to building wall. Secure conduits to building wall with galvanized steel brackets spaced max. 30" apart.

IRRIGATION NOTES

Irrigation Contractor shall verify psi at water meter discharge BEFORE bidding this project. A minimum of 60 psi is required. Immediately notify the Owner or Owner's representative if minimum psi is not present for instructions. The Irrigation Contractor will verify existing and proposed locations of all site utilities prior to any trenching and laying of pipe. Coordinate all irrigation work with other site site work trades.

PIPING AND HEAD LAYOUT IS SHOWN IN SCHEMATIC FORM ONLY!

Install pipe directly behind curb or sidewalk where possible and in all cases to be routed around existing and proposed site elements including rootballs or proposed landscaping. Reference landscape, utility and grading plans for conditions.

All valves, irrigation heads, valve boxes, meter boxes, etc. to be mounted flush with proposed finish grade.

Pipe depth per the detail sheets.

Adjust irrigation heads for distance and arch. Avoid overspray onto pavements and buildings.

Pipe velocity not to exceed 5 fps.

Pipe sizes as follows:

- 0-6 gpm use 1/2"
- 6-10 gpm use 3/4"
- 10-15 gpm use 1"
- 15-25 gpm use 1 1/4"
- 25-35 gpm use 1 1/2"
- 35-50 gpm use 2"
- 50-80 gpm use 2 1/2"
- 80-120 gpm use 3"

Follow all T.C.E.Q. rules and regulations for landscape irrigators.

Follow all City ordinances.

9	HEAD LOCATIONS NEAR TRASH RECP.	07/17/03
8	DCA LOCATION	03/20/03
7	DCA LOCATION	03/20/03
6	SIGN LOCATION	03/19/03
5	CITY COMMENTS	03/02/03
4	REALITY DRIVE CHANGED TO ARAPAHO ROAD	01/30/03
3	INCORPORATE CLIENT COMMENTS	11/28/00
1		01/30/03

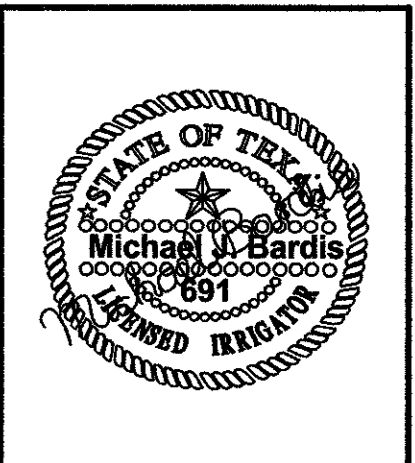
RaceTrac Petroleum, Inc.
 300 Technology Ct.
 Smyrna, GA 30082
 (770) 430-7800 x1126

Baird, Hampton & Brown, Inc.
 Engineering & Surveying
 309 W. 7th St., Ste. 500 Ft. Worth, TX 76102 Tel: (817) 338-1277 Fax: (817) 338-6248 E-Mail: baird@bhbc.com

NO.	REVISIONS	DATE
DESIGNED:	MJB	MJB
DRAWN:	MJB	MJB
CHECKED:	MJB	MJB
DATE:		08/15/00

IRRIGATION PLAN

RaceTrac Service Station #646
 Marsh Ln. & Realty Rd.
 Addison, Texas

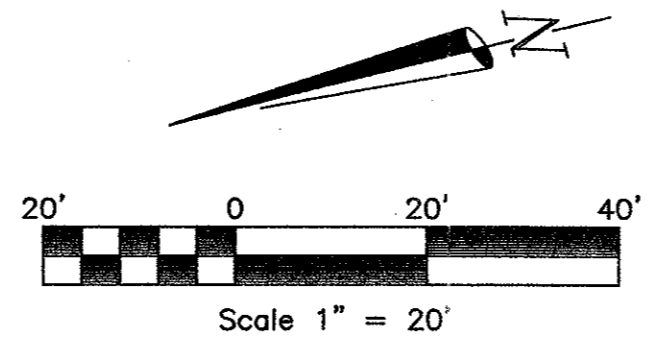


AS-BUILT DRAWINGS

THESE DOCUMENTS REFLECT AS-BUILT CONDITIONS PER INFORMATION SUBMITTED BY THE OWNER, CONTRACTOR AND/OR INSPECTING ENTITY.

Konstantine Bakintas, PE Date 1-21-04

MARSH LANE



MICHAEL BARDIS
 3529 GUADALUPE RD.
 FORT WORTH, TEXAS

LANDSCAPE ARCHITECT
 (817) 244-0704

BHB PROJECT NO:
2000.015.000

SHEET NO:
L-2 of 5L