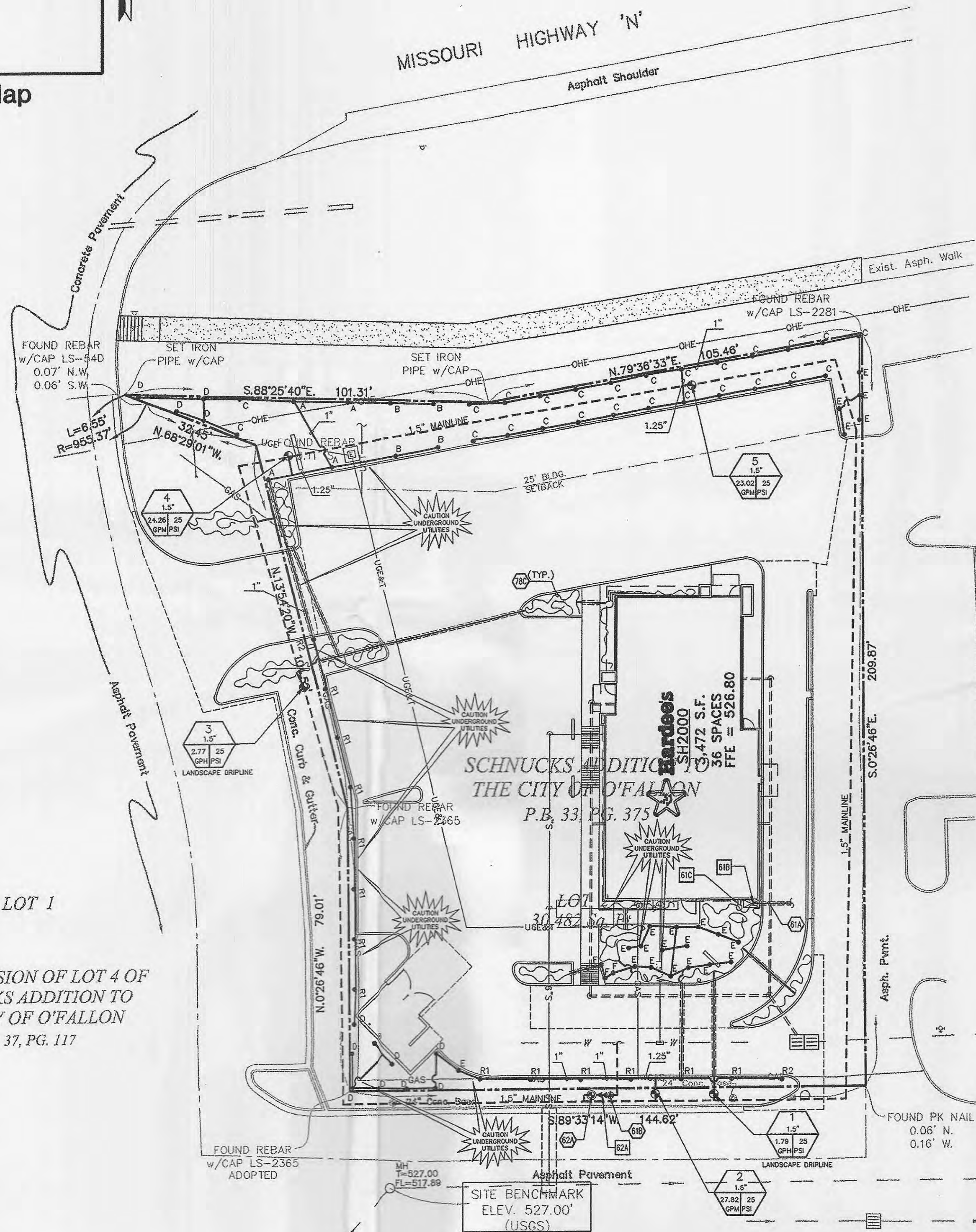


Vicinity Map
Not to Scale



RESUBDIVISION OF LOT 4 OF
SCHNUCKS ADDITION TO
THE CITY OF O'FALLON
P.B. 37, PG. 117

SCHNUCKS ADDITION TO
THE CITY OF O'FALLON
P.B. 33, PG. 375

SCHNUCKS ADDITION TO
THE CITY OF O'FALLON
P.B. 33, PG. 375

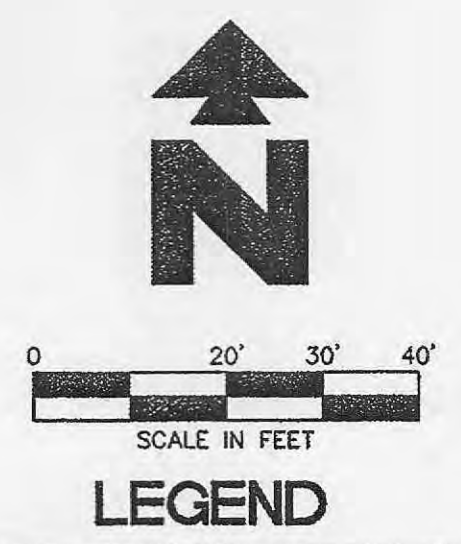
NOTE: CONTRACTOR SHALL LOCATE ALL PROPERTY AND RIGHT OF WAY LINES BEFORE CONSTRUCTION BEGINS. THESE IRRIGATION PLANS ARE SCHEMATIC AND MAY BE EXAGGERATED. CONTRACTOR SHALL KEEP WITHIN ALL PROPERTY AND RIGHT OF WAY LINES DURING CONSTRUCTION. CONTRACTOR SHALL ADJUST ALL SPRAY HEADS SO AS NOT TO SPRAY ONTO IMPERVIOUS SURFACES.

NOTE: ALL UNDERGROUND SLEEVES SHALL BE SCHEDULE 40 PVC AND SHALL BE TWICE THE DIAMETER OF ANY LINE IT HOUSES.



BENCHMARK:
TOP OF SANITARY MANHOLE (PER IMPROVEMENT PLANS BY BUESCHER FRANKENBERG ASSOCIATES, INC. DATED MARCH 1996) IN ASPHALT DRIVE AT THE SOUTHWEST CORNER OF SITE WITH THE ELEVATION ON 527.00

NOTE:
SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF PORCHES, RAMPS, VESTIBULE, SLOPED PAVING, TRUCK DOCKS, BUILDING UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.



LEGEND

EXISTING	
A-Pvmt	Asphalt Pavement
C-Pvmt	Concrete Pavement
CB	Catch Basin
Cntrine	Cntrine
CMP	Corrugated Metal Pipe
ChB	Chord Bearing
Conc	Concrete
Cor	Corner
DB	Deed Book
Ditch	Ravine/Ditch
E	Edge
FH	Fire Hydrant
FL	Flowline
FL 15"	Flowline 15 in
GAS	UG Gas Line
GI	Gate Inlet
GW	Guy Wire
L	Length of Curve
LI	Street Light
MH	Manhole
N/F	Now or Formerly
OW	Overhead Wires
PE	Plat Book
PG	Page
PL	Property Line
R	Radius
R/W	Right of Way
Rec	Record
Sprinkler	Lawn Sprinkler
Surv	Survey
TB	Top of Bank
TC	Top Curb
TS	Toe of Slope
UP	Utility Pole

PROPOSED

---	BOUNDARY LINE
---	RIGHT OF WAY LINE
---	STORM DRAIN
---	LATERAL LINE WITH SIZE DESIGNATION
---	MAIN LINE WITH SIZE DESIGNATION
---	SLEEVING
---	ZONE DESIGNATION
---	VALVE SIZE
---	DESIGN PRESSURE - POUNDS PER SQUARE INCH
---	DESIGN DEMAND - GALLONS PER MINUTE

GENERAL IRRIGATION NOTES

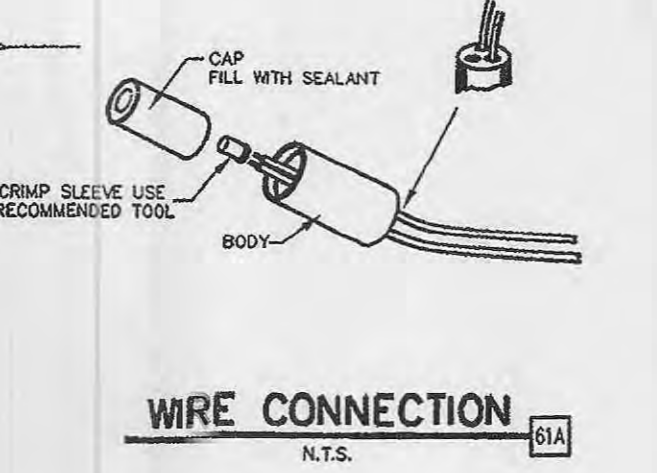
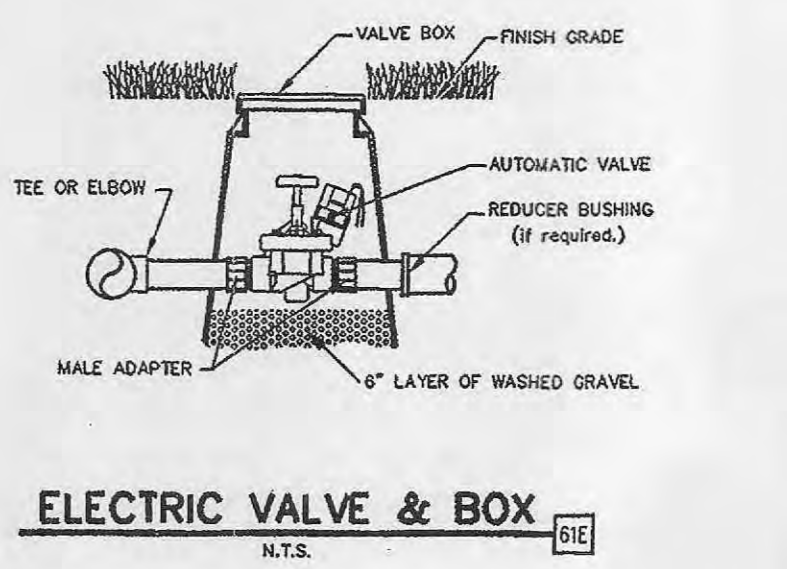
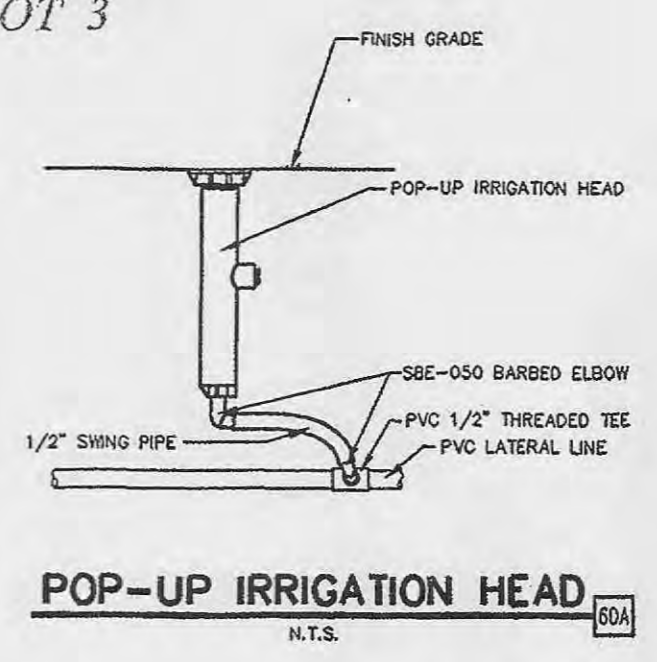
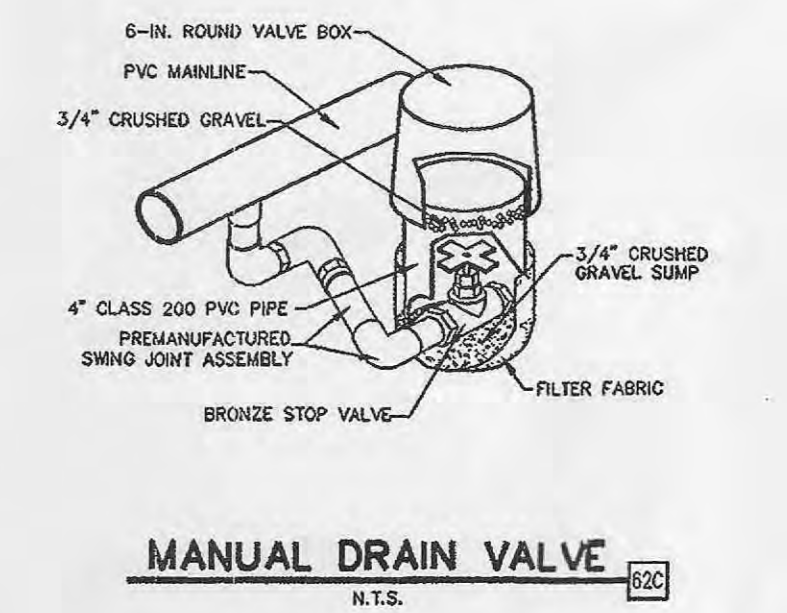
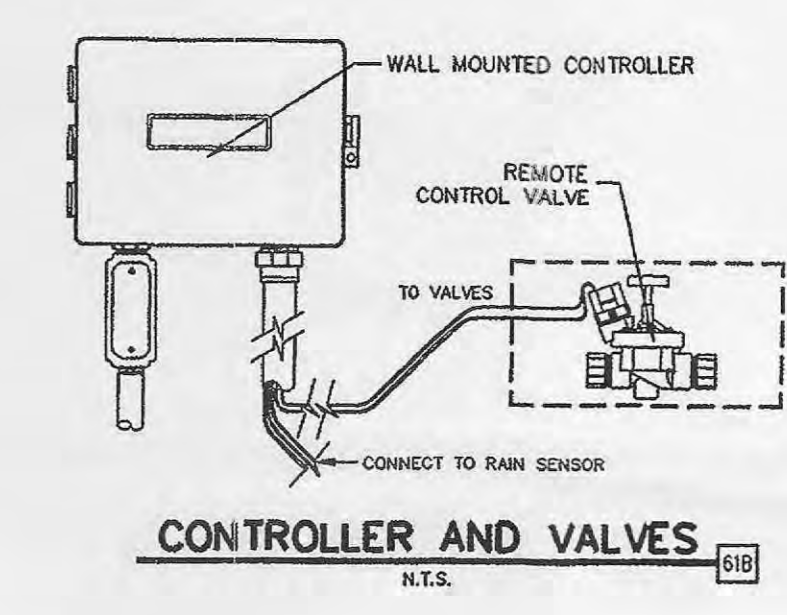
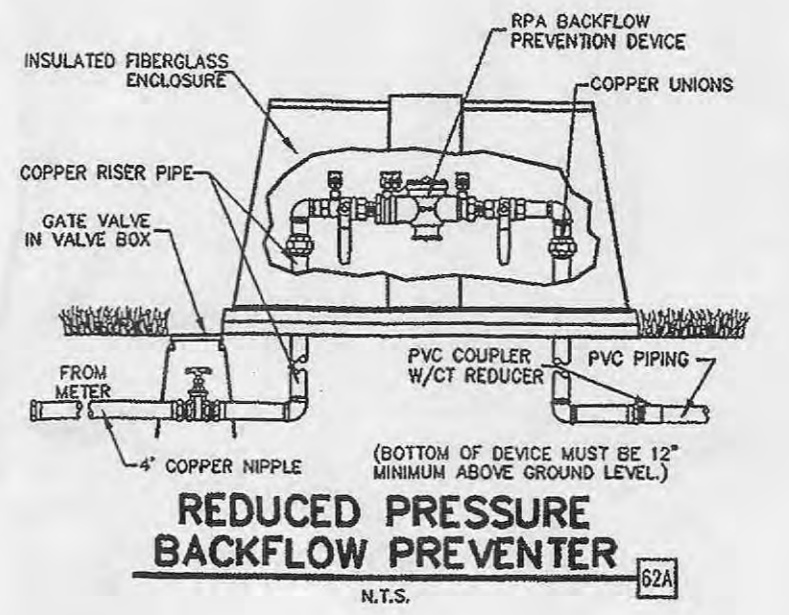
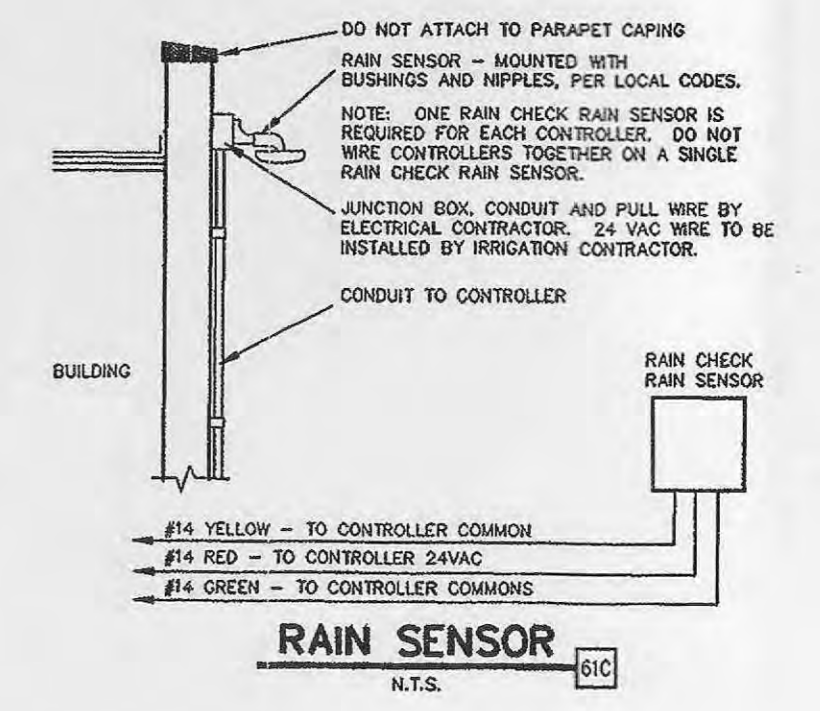
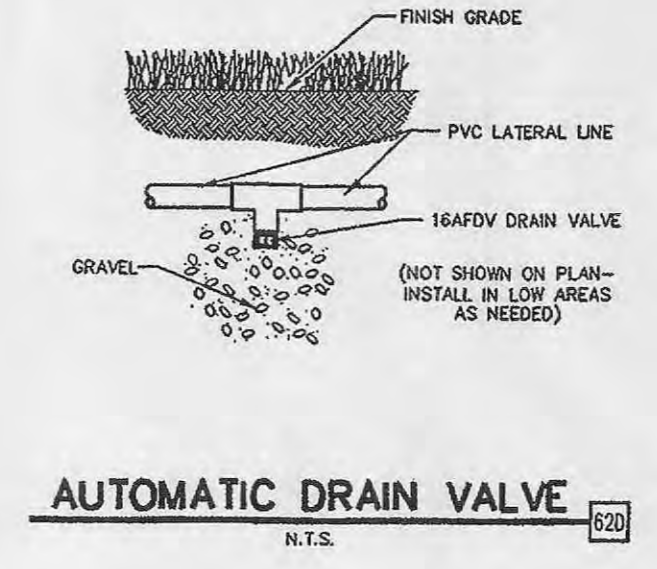
- IRRIGATION CONTRACTOR SHALL TEST EXISTING STATIC PRESSURE ON SITE PRIOR TO CONSTRUCTION. SHOULD EXISTING SITE PRESSURE BE BELOW 55# STATIC, CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- IRRIGATION CONTRACTOR IS RESPONSIBLE FOR INSTALLING MANUAL DRAIN VALVES AT LOWEST POSSIBLE ELEVATION ON IRRIGATION MAIN SO AS TO PROVIDE POSITIVE DRAINAGE OF IRRIGATION MAIN DURING WINTER MONTHS, OR PROVIDE BLOWOUT ASSEMBLY. INSTALLATION SHALL BE PER DETAIL 62C.
- ALL LATERAL LINES SHALL BE EQUIPPED WITH AUTOMATIC DRAIN VALVES AT LOW POINTS PER DETAIL 62D.
- CONTRACTOR SHALL COORDINATE CONTROLLER LOCATION WITH GENERAL CONTRACTOR. 110 VOLT ELECTRICAL SERVICE FOR IRRIGATION CONTROLLER IS TO BE INSTALLED IN THE GARDEN.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION OF IRRIGATION SYSTEM WITH GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- LOCATION FOR THIS UTILITY AS SHOWN IS FOR DRAWING PURPOSES ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN FIELD PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY LINE TO BE CONNECTED. CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE DESIGN AS SHOWN IS NOT ACHIEVABLE.
- ALL R.C.V. CONTROLLER WIRES ARE TO BE IN CONDUIT WHILE UNDER PAVING. CONDUIT TO BE INSTALLED BY GENERAL CONTRACTOR. ROUTING OF R.C.V. WIRES TO CONTROL VALVES SHALL BE BY THE IRRIGATION CONTRACTOR.
- ALL BELOW GRADE LOW VOLTAGE WIRING CONNECTIONS SHALL BE INSTALLED PER DETAIL 61A.
- DO NOT INSTALL IRRIGATION AT PYLON SIGN LOCATION UNTIL SIGN HAS BEEN INSTALLED.
- ALL LATERAL LINES NOT LABELED SHALL BE 3/4" DIAMETER.
- TAP SHALL BE MADE BY GENERAL CONTRACTOR.

IRRIGATION DETAILS

60A	POP-UP IRRIGATION HEAD (TYP.) (SEE NOZZLE LIST THIS SHEET)
61B	CONTROLLER AND VALVES ESP-6LX+
61C	RAIN SENSOR/ FREEZE SENSOR.
61E	ELECTRIC VALVE AND BOX (TYP.) RAINBIRD PEB 150 SERIES 1 1/2".
62A	REDUCED PRESSURE BACKFLOW PREVENTER WATTS 909 1 1/2".

IRRIGATION NOTES

61A	CONDUIT FOR R.C.V. WIRES BY GENERAL CONTRACTOR. ROUTING TO CONTROL VALVES BY IRRIGATION CONTRACTOR.
61B	1 1/2" IRRIGATION METER WITH 1 1/2" TYPE K COPPER SERVICE BY GENERAL CONTRACTOR.
62A	MASTER CONTROL VALVE 1 1/2".
78C	LANDSCAPE DRIPLINE TO BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS (SEE LENGTHS ON THIS SHEET). CONTRACTOR SHALL INSTALL DRIPLINE SO AS ALL VEGETATION MATERIAL WILL RECEIVE ADEQUATE WATERING.



SPRINKLER NOZZLE LIST

KEY	QTY.	DESCRIPTION
A	4	1800-SAM-PRS-15-VAN
B	4	1800-SAM-PRS-12-VAN
C	25	1800-SAM-PRS-10-VAN
D	13	1800-SAM-PRS-8-VAN
E	5	1800-SAM-PRS-6-VAN
R1	12	1800-SAM-PRS-15SST
R2	2	1800-SAM-PRS-15SST
LANDSCAPE DRIPLINE		LD-00-18-VARIES SEE THIS SHEET FOR LENGTH "RAINBIRD" TOTAL LENGTH 4910 L.F.

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(314) 429-3600

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ARCHITECTURE • ENGINEERING • STORE PLANNING
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Revisions:

DATE	REVISIONS
9/20/02	REVISED PLANS PER HARDEE'S
10/7/02	REVISED PLANS PER CITY COMMENTS
10/24/02	REVISED PLANS PER CITY COMMENTS

Hardees ARCHITECTURE AND ENGINEERING, DEPT.

LOCATION: HIGHWAY "N" O'FALLON, MISSOURI
BUILDING TYPE: SH2000
SHEET TITLE: IRRIGATOR PLAN
PRN: TJB
P.M.: LWY
DES: MAO