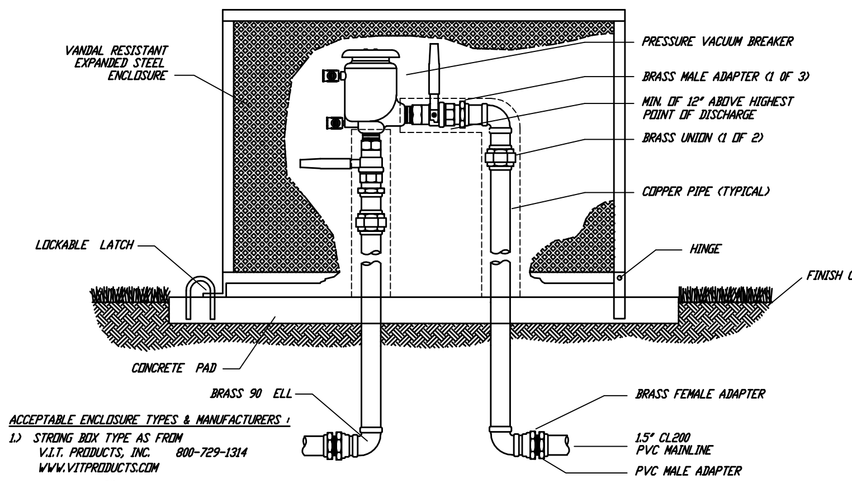


ACCEPTABLE ENCLOSURE TYPES & MANUFACTURERS :

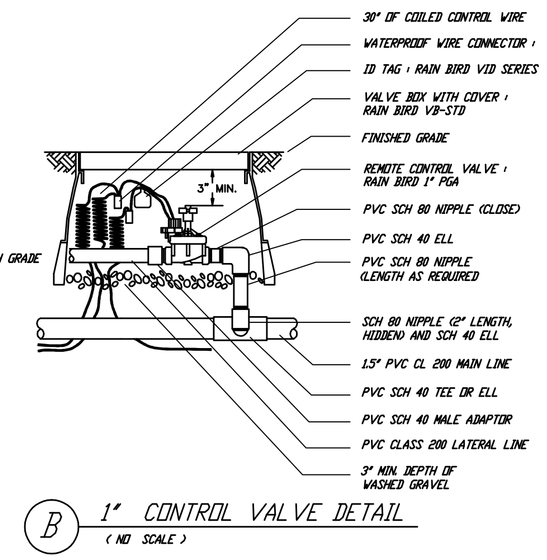
1) STRONG BOX TYPE AS FROM V.I.T. PRODUCTS, INC. 800-729-1314 WWW.VITPRODUCTS.COM

or

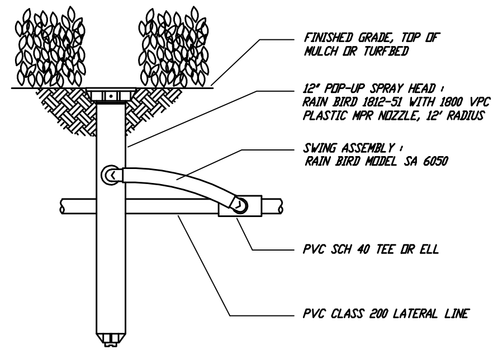
2) UTC TYPE AS FROM BACKFLOW PROTECTION 682-993-0495 WWW.BACKFLOWPROTECTION.COM

NOTE: INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

A 1.5" BACKFLOW PREVENTER DETAIL (FEBCO #765)
(NO SCALE)



B 1" CONTROL VALVE DETAIL
(NO SCALE)



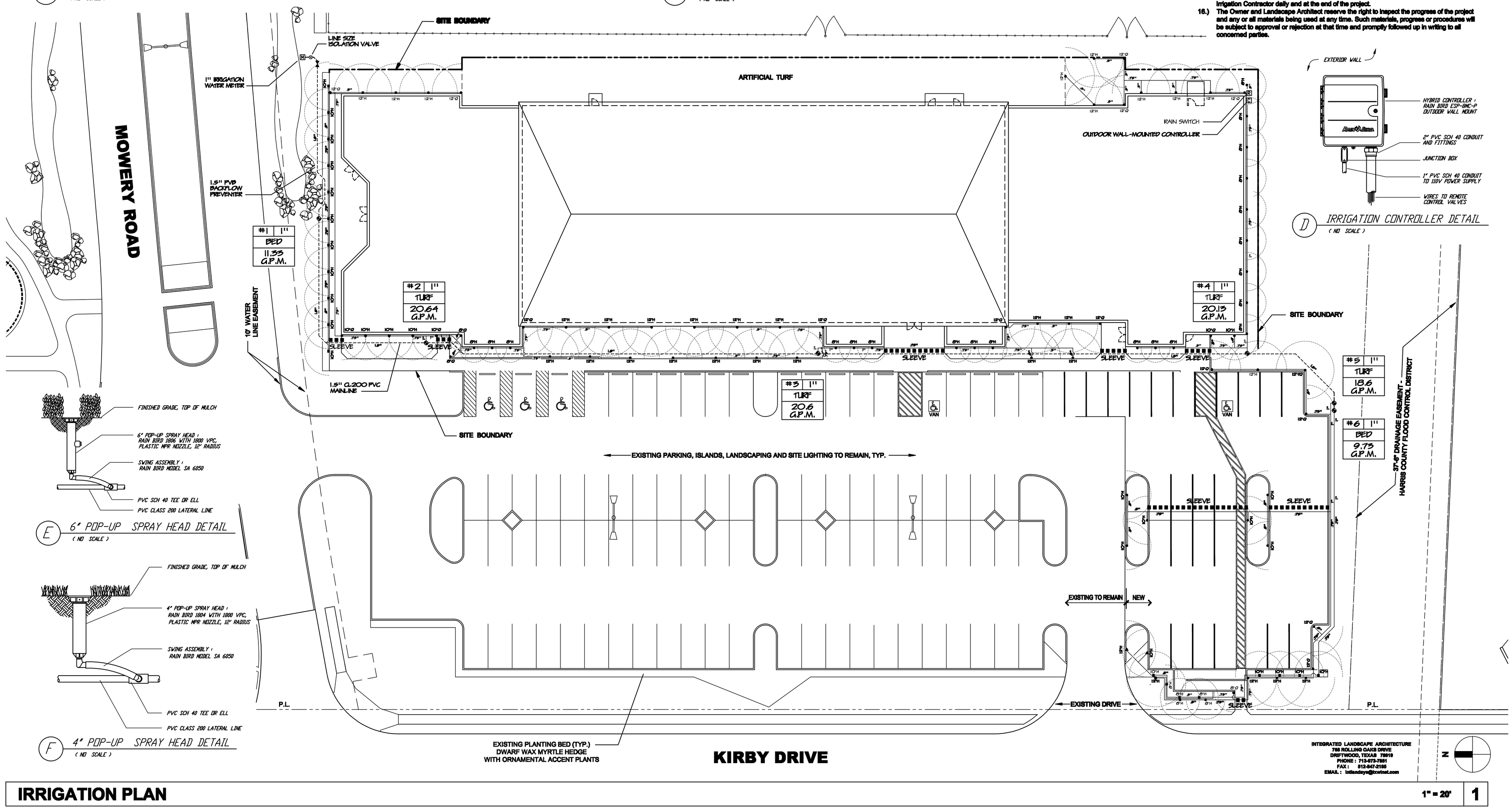
C 12" POP-UP SPRAY HEAD DETAIL
(NO SCALE)

IRRIGATION SCHEDULE :

M	1" WATER METER (BY OWNER)
⊗	LINE SIZE ISOLATION VALVE (IN VALVE BOX)
⋈	1.5" PRESSUE VACUUM BREAKER (FEBCO BRAND)
----	1.5" MAIN LINE (CLASS 200 PVC)
———	1" TO .5" LATERAL LINES (CLASS 200 PVC)
⊛	1" RAINBIRD PGA ELECTRIC CONTROL VALVE (IN VALVE BOX) (6)
•	RAINBIRD 1804 (4") POP-UP TURF SPRAY HEAD W/ 8', 10' OR 12' NOZZLES (83)
■	RAINBIRD 1806 (6") POP-UP SHRUB SPRAY HEAD W/ 10' NOZZLE (20)
▲	RAINBIRD 1812 (12") POP-UP SHRUB SPRAY HEAD W/ 10' & 12' NOZZLES (2)
C	RAINBIRD ESP OUTDOOR MOUNTED 8 STATION AUTOMATIC CONTROLLER
R	RAIN SWITCH
••••••	4" PVC SLEEVE

IRRIGATION SPECIFICATIONS :

1.) General Contractor to provide a 1" (min. size) dedicated irrigation water meter and at least 4 l.f. of capped-off service line in general location shown.
2.) General Contractor to provide a 110V outlet or junction box for timer / controller at exterior wall in general location shown.
3.) General Contractor to provide 4" PVC sleeves in areas indicated under driveways and walkways.
4.) General Contractor to show location of all utility lines to irrigation contractor.
5.) Line layout is diagramatic and should be adjusted in field to accomodate existing existing conditions, structures, utilities etc.
6.) Irrigation Contractor to obtain all necessary irrigation permits and inspections.
7.) All irrigation work to conform to local codes and requirements and be installed by a liscensed professional.
8.) Valve control wires to be 14 UF AWG.
9.) All valves to have appropriate valve cover "boxes".
10.) Dig trenches to support pipe continuously along bottom of trench at an even grade. All lines shall be 12" deep. Coordinate any machine trenching with General Contractor to ensure safety of all on-site utilities.
11.) All glued connections to be primed first. Great care should be taken by installers not to drip blue primer or blue glue onto new concrete paving and curbs.
12.) Initial backfill material on all lines shall be of a fine granuler nature with no foreign material larger than 1/2" in size. Backfill material will be tamped under and uniformly on both sides of the pipe for the full width and length of the pipe. Install backfill and tamp in 4" layers. Finished backfill to be free of voids. Top of backfill to be smooth and at an even grade with existing adjacent undisturbed soil surface after watering in. Any excess soil upon completion to be legally disposed of by Irrigation Contractor.
13.) After all is in place and connected system will be thoroughly flushed without nozzles in heads to remove all dirt and debris from lines. Install nozzles and filters in heads only after adequate flushing has been completed.
14.) Test integrity of main line at 100 psi for 4 hours minimum. Adjust all valve flows, nozzles and rotary arcs for optimum coverage / wetting. Coverage may be inspected by Landscape Architect, Owner or Landscape Contractor at their discretion. All shall work together to achieve a good system that will sufficiently water all new plantings and turf.
15.) Irrigation Contractor to maintain a clean and safe jobsite at all times. Excess excavated soils, accumulations of trash, pieces of pipe, boxes etc to be removed from jobsite by Irrigation Contractor daily and at the end of the project.
16.) The Owner and Landscape Architect reserve the right to inspect the progress of the project and any or all materials being used at any time. Such materials, progress or procedures will be subject to approval or rejection at that time and promptly followed up in writing to all concerned parties.



D IRRIGATION CONTROLLER DETAIL
(NO SCALE)

E 6" POP-UP SPRAY HEAD DETAIL
(NO SCALE)

F 4" POP-UP SPRAY HEAD DETAIL
(NO SCALE)

SEEBERGER ARCHITECTURE
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www.seeberger.com

HASP - CES BUILDING

12211 KIRBY DRIVE
HOUSTON, TEXAS 77045

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10/11/11
STATE OF TEXAS
DUANE BUNGO
1375
LICENSED LANDSCAPE ARCHITECT
REGISTERED

DRAWING HISTORY

1	09/16/11	ISSUED FOR PERMIT
2	10/11/11	COH COMMENTS/ HOUSEKEEPING
3		
4		
5		
6		
7		
8		
9		
10		

DWGTYPE
IRRIGATION PLAN
PROJECT
211039

IR1.0

INTEGRATED LANDSCAPE ARCHITECTURE
795 ROLLING OAKS DRIVE
DRIFTWOOD, TEXAS 78619
PHONE : 713-975-7601
FAX : 512-847-2186
EMAIL : lmbandeye@crwtnet.com

IRRIGATION PLAN 1" = 20' 1