

June 11, 2018

IDEA PUBLIC SCHOOLS – IDEA South McAllen Phase I

GOMEZ MENDEZ SAENZ, INC.
1150 PAREDES LINE RD.
BROWNSVILLE, TEXAS 78526
(956) 546-0110



ADDENDUM NO. 5

A. PURPOSE AND INTENT

This addendum is issued for the purpose of modifying the plans and specifications for the IDEA PUBLIC SCHOOLS – IDEA South McAllen Phase I

This addendum shall become part of the contract and all CONTRACTORS shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same.

The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this Addendum.

B. SCOPE

I. CLARIFICATIONS:

1. N/A

II. SPECIFICATIONS:

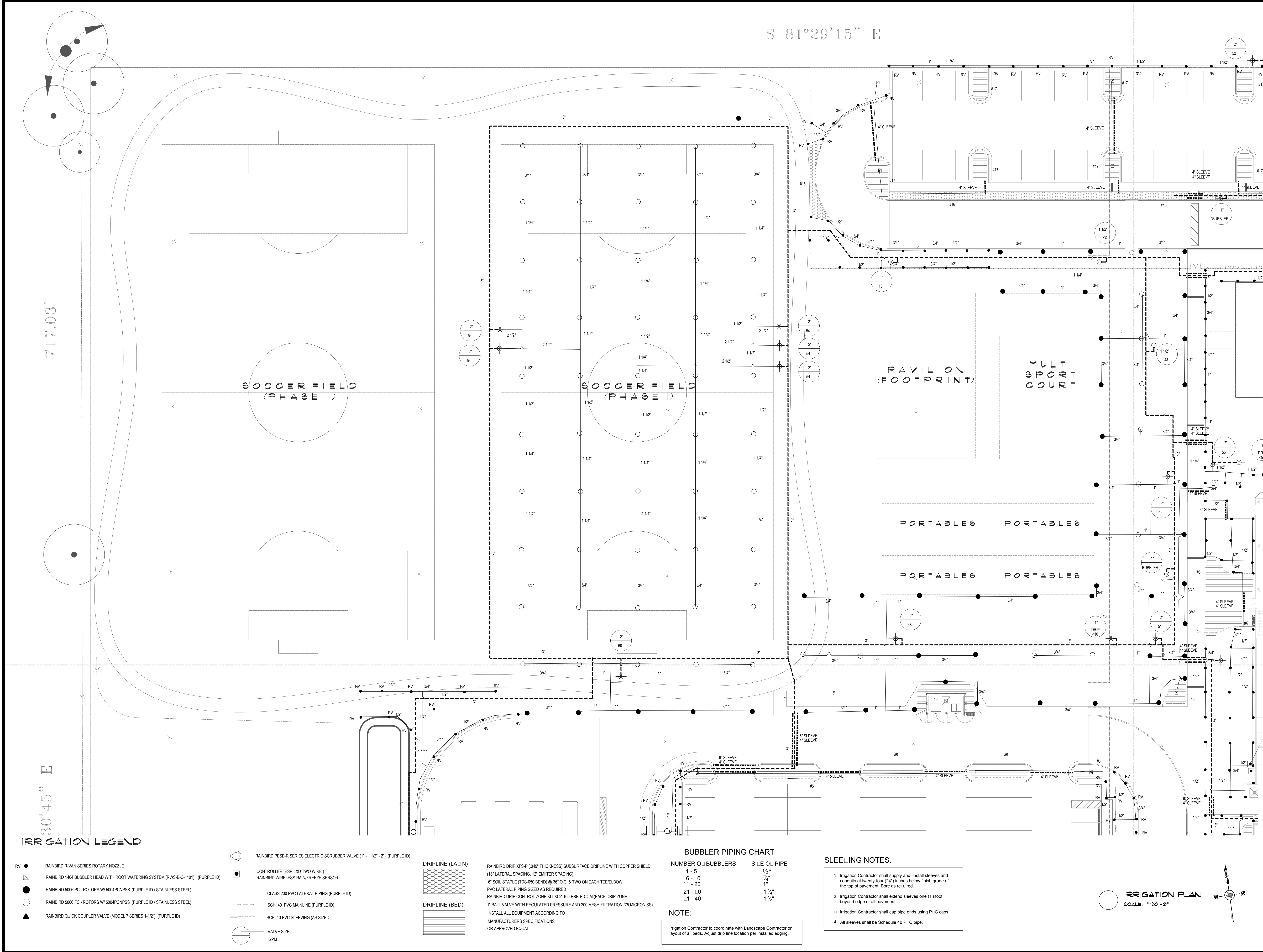
1. Section 11400 – Food Service Equipment – Item No. 22, 23 and 24 Counter
 - a. DELETE CounterCraft as preferred manufacturer for all Serving Counters.
 - b. ADD Advance Tabco as preferred manufacturer for all Serving Counters.

III. PLANS:

1. N/A

Landscape Addendum Items: See Attached Information (10 Pages)

End of Addendum 5



IRRIGATION LEGEND

- RV

RAINBIRD R-VAN SERIES ROTARY NOZZLE

RV

RAINBIRD 1404 BUBBLER HEAD WITH ROOT WATERING SYSTEM (RVS-B-C-1401) (PURPLE ID)

RV

RAINBIRD 5006 PC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)

RV

RAINBIRD 5006 FC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)

RV

RAINBIRD QUICK COUPLER VALVE (MODEL 7 SERIES 1-1/2") (PURPLE ID)

RV

RAINBIRD PESB-R SERIES ELECTRIC SCRUBBER VALVE (1" - 1 1/2" - 2") (PURPLE ID)

RV

CONTROLLER (ESP-LXD TWO WIRE)

RV

RAINBIRD WIRELESS RAINFREEZE SENSOR

RV

CLASS 200 PVC LATERAL PIPING (PURPLE ID)

RV

SCH. 40 PVC MAINLINE (PURPLE ID)

RV

SCH. 40 PVC SLEEVING (AS SIZED)

RV

VALVE SIZE

RV

GPM
- RV

DRIPLINE (LA - N)

RV

DRIPLINE (BED)
- RAINBIRD DRIP XFS-P (.049" THICKNESS) SUBSURFACE DRIPLINE WITH COPPER SHIELD (18" LATERAL SPACING, 12" EMITTER SPACING)
6" SOIL STAPLE (TDS-050 BEND) @ 36" O.C. & TWO ON EACH TEE/ELBOW
PVC LATERAL PIPING SIZED AS REQUIRED
RAINBIRD DRIP CONTROL ZONE KIT XCZ-100-PFB-R-COM (EACH DRIP ZONE)
1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (75 MICRON SS)
INSTALL ALL EQUIPMENT ACCORDING TO MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL
- | BUBBLER PIPING CHART | |
|----------------------|--------------|
| NUMBER OF BUBBLERS | SIZE OF PIPE |
| 1 - 5 | 1/2" |
| 6 - 10 | 3/4" |
| 11 - 20 | 1" |
| 21 - 40 | 1 1/4" |
| 41 - 40 | 1 1/2" |

NOTE:

Irrigation Contractor to coordinate with Landscape Contractor on layout of all beds. Adjust drip line location per installed edging.
- SLEEVING NOTES:

 - Irrigation Contractor shall supply and install sleeves and conduits at twenty-four (24") inches below finish grade of the top of pavement. Bore as required.
 - Irrigation Contractor shall extend sleeves one (1) foot beyond edge of all pavement.
 - Irrigation Contractor shall cap pipe ends using P.C caps.
 - All sleeves shall be Schedule 40 P.C pipe.
- No. REVISIONS BY

ADDENDUM #5 6/11/18

GMS ARCHITECTS

1150 Paredes Line Rd.
Brownsville TX 78526
(956) 546-0110
fax (956) 546-0196

IDEA - SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA

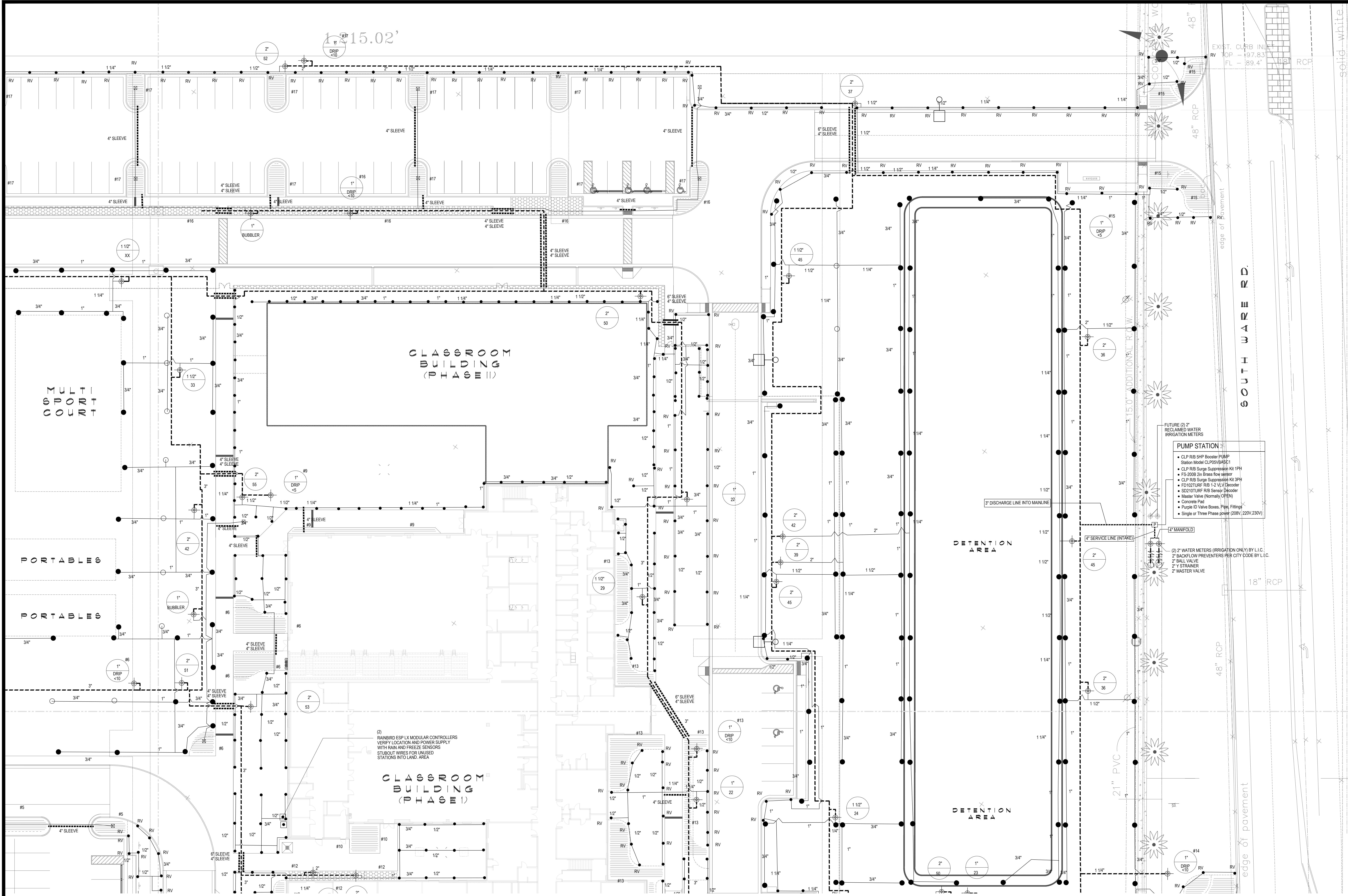
Public Schools

4/27/18

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Gomez Mendez-Sanchez Inc.
Architects-Planners
Interior Designers

Date: 6/11/18
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: RB
Job No: IDEA South McAllen Phase I
Sheet: L1.01

Jun 11, 2018 - 2:13pmZ:\Work\GMS\IDEA Academy\South McAllen\SSP\CAD\IDEA South McAllen - Landscape Plan-14.dwg



IRRIGATION LEGEND

- RV ● RAINBIRD R-VAN SERIES ROTARY NOZZLE
- ☒ RAINBIRD 1404 BUBBLER HEAD WITH ROOT WATERING SYSTEM (RWS-B-C-1401) (PURPLE ID)
- RAINBIRD 5006 PC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)
- RAINBIRD 5006 FC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)
- ▲ RAINBIRD QUICK COUPLER VALVE (MODEL 7 SERIES 1-1/2") (PURPLE ID)

- ⊙ RAINBIRD PESB-R SERIES ELECTRIC SCRUBBER VALVE (1" - 1 1/2" - 2") (PURPLE ID)
- ⊙ CONTROLLER (ESP-LXD TWO WIRE)
- ⊙ RAINBIRD WIRELESS RAINFREEZE SENSOR
- CLASS 200 PVC LATERAL PIPING (PURPLE ID)
- SCH. 40 PVC MAINLINE (PURPLE ID)
- SCH. 40 PVC SLEEVING (AS SIZED)
- ⊙ VALVE SIZE
- GPM

- DRIPLINE (LA - N)
- DRIPLINE (BED)

RAINBIRD DRIP VFS-P (.049" THICKNESS) SUBSURFACE DRIPLINE WITH COPPER SHIELD (18" LATERAL SPACING, 12" EMITTER SPACING)
6" SOIL STAPLE (TDS-050 BEND) @ 36" O.C. & TWO ON EACH TEE/BELBOW
PVC LATERAL PIPING SIZED AS REQUIRED
RAINBIRD DRIP CONTROL ZONE KIT KCZ-100-PRB-R-COM (EACH DRIP ZONE)
1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (75 MICRON SS)
INSTALL ALL EQUIPMENT ACCORDING TO MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL

BUBBLER PIPING CHART

NUMBER OF BUBBLERS	SIZE OF PIPE
1 - 5	1/2"
6 - 10	3/4"
11 - 20	1"
21 - 40	1 1/4"
41 - 60	1 1/2"

NOTE:

Irrigation Contractor to coordinate with Landscape Contractor on layout of all beds. Adjust drip line location per installed emitter.

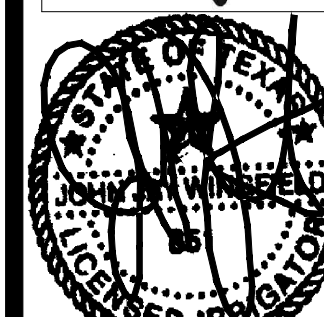
SLEEVING NOTES:

- Irrigation Contractor shall supply and install sleeves and conduits at twenty-four (24") inches below finish grade of the top of pavement. Bore as required.
- Irrigation Contractor shall extend sleeves one (1) foot beyond edge of all pavements.
- Irrigation Contractor shall cap pipe ends using P.C. caps.
- All sleeves shall be Schedule 40 P.C. pipe.

IRRIGATION PLAN
SCALE: 1"=20'-0"

IDEA - SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA
Public Schools



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Gomez Mendez-Sanchez Inc.
Architects-Planners
Interior Designers

Date: 6/11/18
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: RB
Job No: IDEA South McAllen Phase I
Sheet:

L1.02



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RAINBIRD PESB-R SERIES ELECTRIC SCRUBBER VALVE (1" - 1 1/2" - 2") (PURPLE ID)

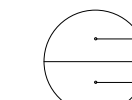
- ☐

CONTROLLER (ESP-LXD TWO WIRE)
RAINBIRD WIRELESS RAIN/FREEZE SENSOR

— CLASS 200 PVC LATERAL PIPING (PURPLE ID)

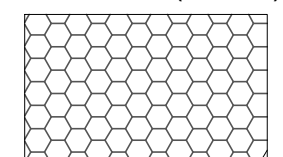
— SCH. 40 PVC MAINLINE (PURPLE ID)

- SCH. 40 PVC SLEEVING (AS SIZED)

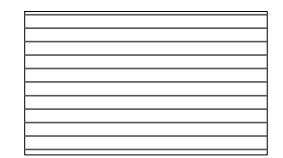


_____ VALVE SIZE
_____ GPM

DRIPLINE (LA□ N)



DRIPLINE (BED)



RAINBIRD DRIE PFC-XS-P (0.49" THICKNESS) SUBSURFACE DRIPLINE WITH COPPER SHIELD
18" LATERAL SPACING, 12" EMITTER SPACING)
6" SOIL STAPLE (TDS-050 BEND) @ 36° C. & TWO ON EACH TEE/ELBOW
PVC LATERAL PIPING SIZED AS REQUIRED
RAINBIRD DRIE CONTROL ZONE KIT KXZ-100-PRB-R-COM (EACH DRAIN ZONE)
1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (75 MICRON SS)
INSTALL ALL EQUIPMENT ACCORDING TO
MANUFACTURERS SPECIFICATIONS
OR APPROVED EQUAL

BUBBLER PIPING CHART

<u>NUMBER OF BUBBLERS</u>	<u>SIZE OF PIPE</u>
1 - 5	1/2"
6 - 10	3/4"
11 - 20	1"
21 - 40	1 1/4"
41 - 40	1 1/2"

NOTE:

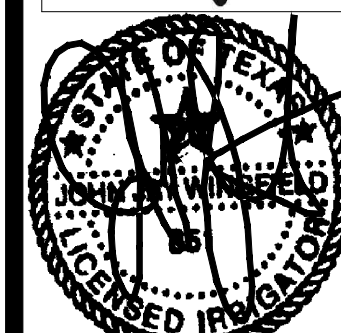
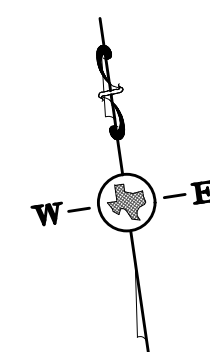
Irrigation Contractor to coordinate with Landscape Contractor on layout of all beds. Adjust drip line location per installed edging.

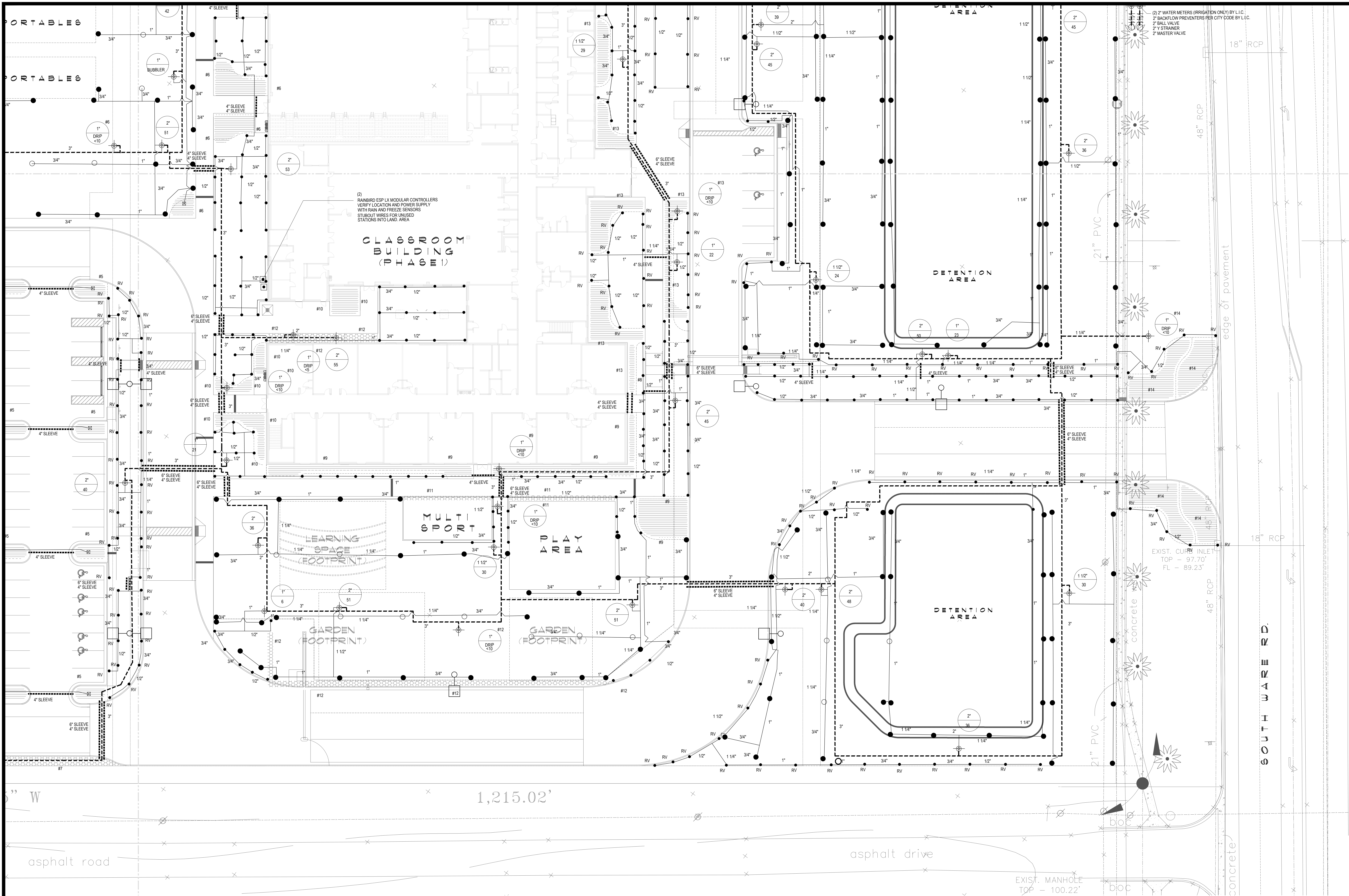
SLEEPING NOTES:

1. Irrigation Contractor shall supply and install sleeves and conduits at twenty-four (24") inches below finish grade of the top of pavement. Bore as required.
2. Irrigation Contractor shall extend sleeves one (1) foot beyond edge of all pavement.
- ☐ Irrigation Contractor shall cap pipe ends using P.C caps.
4. All sleeves shall be Schedule 40 P.C. pipe.

IRRIGATION PLAN

SCALE: 1"=20'-0"





IRRIGATION LEGEND

- RV ● RAINBIRD R-VAN SERIES ROTARY NOZZLE
- ☒ RAINBIRD 1404 BUBBLER HEAD WITH ROOT WATERING SYSTEM (RWS-B-C-1401) (PURPLE ID)
- RAINBIRD 5006 PC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)
- RAINBIRD 5006 FC - ROTORS W/ 5004PCNPSS (PURPLE ID / STAINLESS STEEL)
- ▲ RAINBIRD QUICK COUPLER VALVE (MODEL 7 SERIES 1-1/2") (PURPLE ID)

- ⊙ RAINBIRD PESB-R SERIES ELECTRIC SCRUBBER VALVE (1" - 1 1/2" - 2") (PURPLE ID)
- ⊙ CONTROLLER (ESP-LXD TWO WIRE)
- ⊙ RAINBIRD WIRELESS RAINFREEZE SENSOR
- CLASS 200 PVC LATERAL PIPING (PURPLE ID)
- SCH. 40 PVC MAINLINE (PURPLE ID)
- SCH. 40 PVC SLEEVING (AS SIZED)
- ⊙ VALVE SIZE
- GPM

- DIPLINE (LAWN)
- DIPLINE (BED)

RAINBIRD DRIP VFS-P (.049" THICKNESS) SUBSURFACE DRIPLINE WITH COPPER SHIELD (18" LATERAL SPACING, 12" EMITTER SPACING)
6" SOIL STAPLE (TDS-090 BEND) @ 36" O.C. & TWO ON EACH TEE/BELBOW
PVC LATERAL PIPING SIZED AS REQUIRED
RAINBIRD DRIP CONTROL ZONE KIT KCZ-100-PRB-R-COM (EACH DRIPLINE ZONE)
1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (75 MICRON SS)
INSTALL ALL EQUIPMENT ACCORDING TO MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL

BUBBLER PIPING CHART

NUMBER OF BUBBLERS	SIZE OF PIPE
1 - 5	1/2"
6 - 10	3/4"
11 - 20	1"
21 - 30	1 1/4"
31 - 40	2"

NOTE:

Irrigation Contractor to coordinate with Landscape Contractor on layout of all beds. Adjust drip line location per installed edging.

SLEEVING NOTES:

- Irrigation Contractor shall supply and install sleeves and conduits at twenty-four (24") inches below finish grade of the top of pavement. Bore as required.
- Irrigation Contractor shall extend sleeves one (1) foot beyond edge of all pavement.
- Irrigation Contractor shall cap pipe ends using P-C caps.
- All sleeves shall be Schedule 40 P-C pipe.

IRRIGATION PLAN
SCALE: 1"=20'-0"

IRRIGATION LEGEND

RV RAINBIRD R-VAN SERIES ROTARY NOZZLE (PURPLE ID)

RAINBIRD 1404 BUBBLER HEAD WITH ROOT WATERING SYSTEM (RWS-B-C-1401) (PURPLE ID)

RAINBIRD 5006 PC - ROTORS W/ 5004PCNPSS (PURPLE ID) / STAINLESS STEEL

RAINBIRD 5006 FC - ROTORS W/ 5004PCNPSS (PURPLE ID) / STAINLESS STEEL

RAINBIRD QUICK COUPLER VALVE (MODEL 7 SERIES 1-1/2") (PURPLE ID)

RAINBIRD PESB-R SERIES ELECTRIC SCRUBBER VALVE (1" - 1 1/2" - 2") (PURPLE ID)

CONTROLLER (ESP-LXD TWO WIRE)
RAINBIRD WIRELESS RAIN/FREEZE SENSOR

WATER METER (AS SIZED)

BACKFLOW PREVENTER (AS SIZED)

CLASS 200 PVC LATERAL PIPING (PURPLE ID)

SCH. 40 PVC MAINLINE (PURPLE ID)

SCH. 40 PVC SLEEVING (AS SIZED)

VALVE SIZE
GPM

SELF-CLEANING PUMP STATION WITH 24 MESH
PSS 1000-24 FILTER

DIAPHRAGM (LAWN)
RAINBIRD DRIP XFS-P (.049" THICKNESS) SUBSURFACE DIAPHRAGM WITH COPPER SHIELD 15 GPM (PURPLE ID)
(18" LATERAL SPACING, 12" EMITTER SPACING)
6" SOIL STAPLE (TDS-050 BEND) @ 36" O.C. & TWO ON EACH TEE/ELBOW
PVC LATERAL PIPING SIZED AS REQUIRED
RAINBIRD DRIP CONTROL ZONE KIT XCZ-100-FRB-R-COM (EACH DRIP ZONE)
1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (75 MICRON SS)

DIAPHRAGM (BED)
INSTALL ALL EQUIPMENT ACCORDING TO
MANUFACTURERS SPECIFICATIONS
OR APPROVED EQUAL

(1) DRIP SYSTEM OPERATION INDICATOR (OPERIND) PER IRRIGATION ZONE

**** ALL IRRIGATION EQUIPMENT SHALL BE NON-POTABLE WATER
STANDARDS PURPLE IDENTIFICATION ON ALL EQUIPMENT

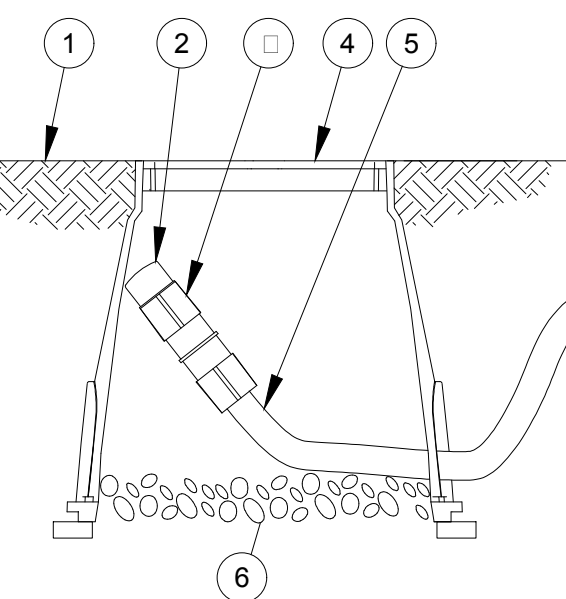
DESIGN PRESSURE 60 PSI

ELECTRICAL SPLICES AT EACH VALVE
AND CONTROLLER ONLY.

IRRIGATION IN TEXAS IS REGULATED
BY THE TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY (TCEQ).
MC-178 P.O. BOX 13067 AUSTIN, TX
78711-3067. TCEQ'S WEBSITE IS:
www.tceq.state.tx.us

BUBBLER PIPING CHART

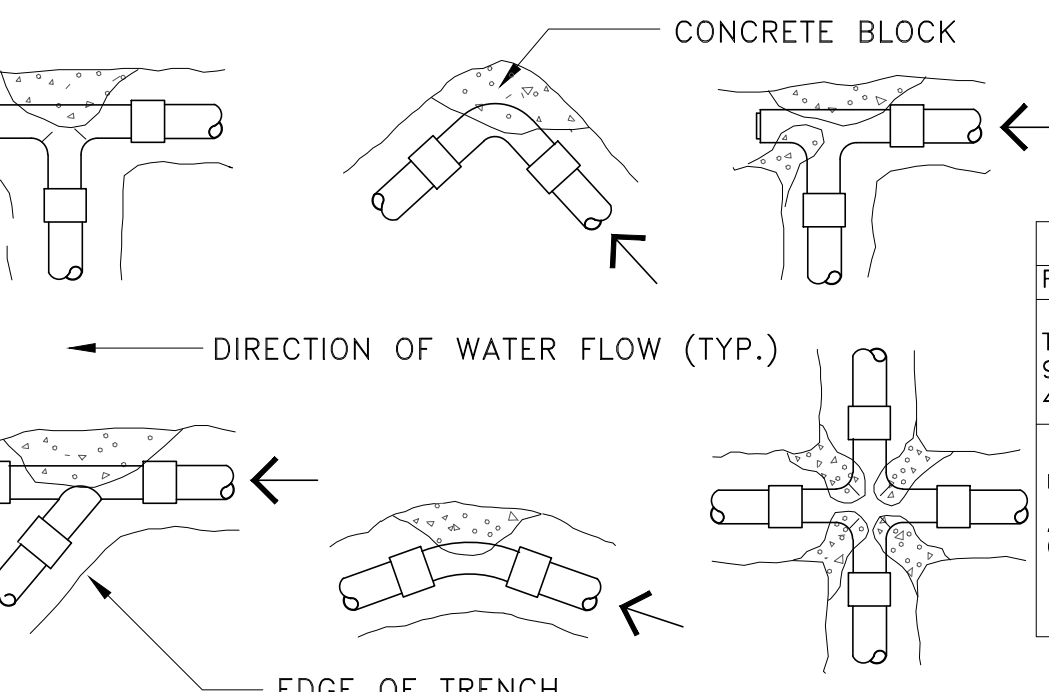
NUMBER OF BUBBLERS	SIZE OF PIPE
1-5	1/2"
6-10	3/4"
11-20	1"
21-30	1 1/4"
31-40	1 1/2"



- FINISH GRADE
- FLUSH CAP FOR EASY FIT
COMPRESSION FITTINGS:
POTABLE: RAIN BIRD MDCCFAP
NON-POTABLE: RAIN BIRD MDCCFAP
- EASY FIT COUPLING:
RAIN BIRD MDCCFAP
- SUBTERRANEAN EMITTER BOX:
RAIN BIRD SEB 7XB
- SUB-SURFACE DIAPHRAGM:
RAIN BIRD XFS SERIES DIAPHRAGM
POTABLE: XFS DIAPHRAGM
NON-POTABLE: XFS DIAPHRAGM
- 3-INCH MINIMUM DEPTH OF
3/4-INCH WASHED GRAVEL
WITH FILTER FABRIC AT BASE

NOTE:
1. ALLOW A MINIMUM OF 6-INCHES OF DIAPHRAGM TUBING IN DRAINAGE BOX IN
ORDER TO DIRECT FLOWED WATER OUTSIDE DRAINAGE BOX.

1 DIAPHRAGM
NOT TO SCALE



THRUST BLOCK BEARING AREA (SQ. FT.)

PIPE SIZE	1 1/4" - 2 1/2"	3"	4"	6"
TEES/ELLS	1.00	1.00	1.25	3.2
90 BENDS	1.00	1.25	2.00	4.5
45 BENDS	1.00	1.00	1.00	2.4

NOTE:
INSTALL THRUST BLOCK AT ALL MAINLINE BENDS, TEES OR ELLS
AS SHOWN BELOW. THRUST BLOCKS SHALL BE MINIMUM OF
(1) CU. FT. RED-MIX CONCRETE OR 2500 PSI 28 DAY CONCRETE.

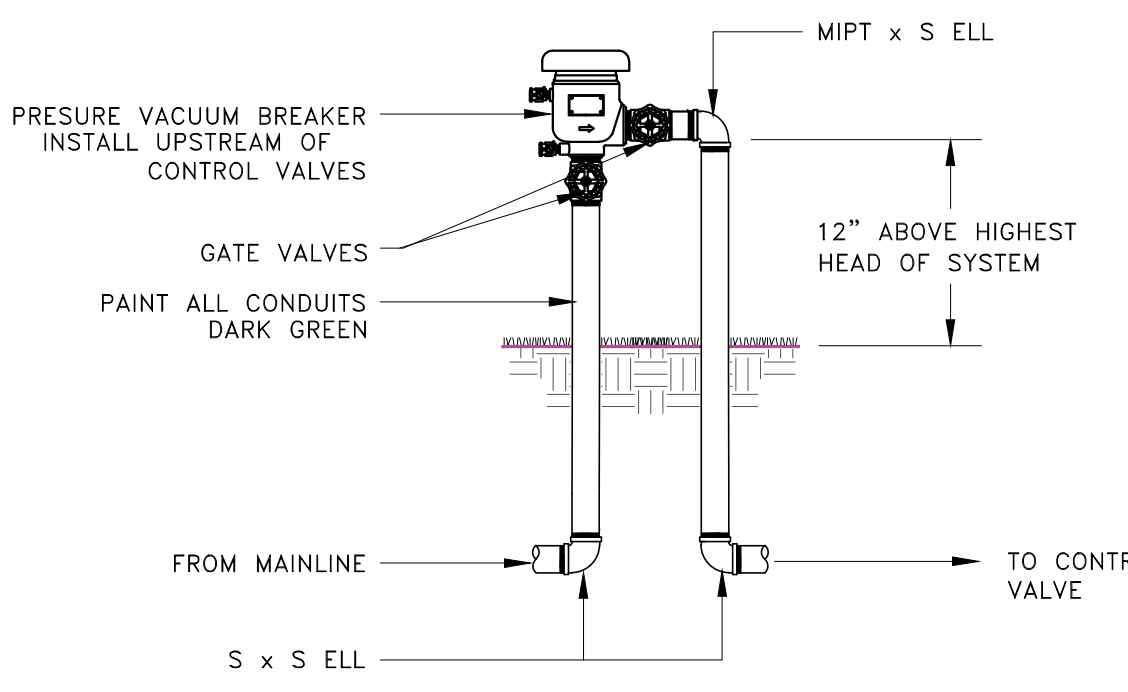
2 THRUST BLOCK DETAIL
NOT TO SCALE

IRRIGATION NOTES

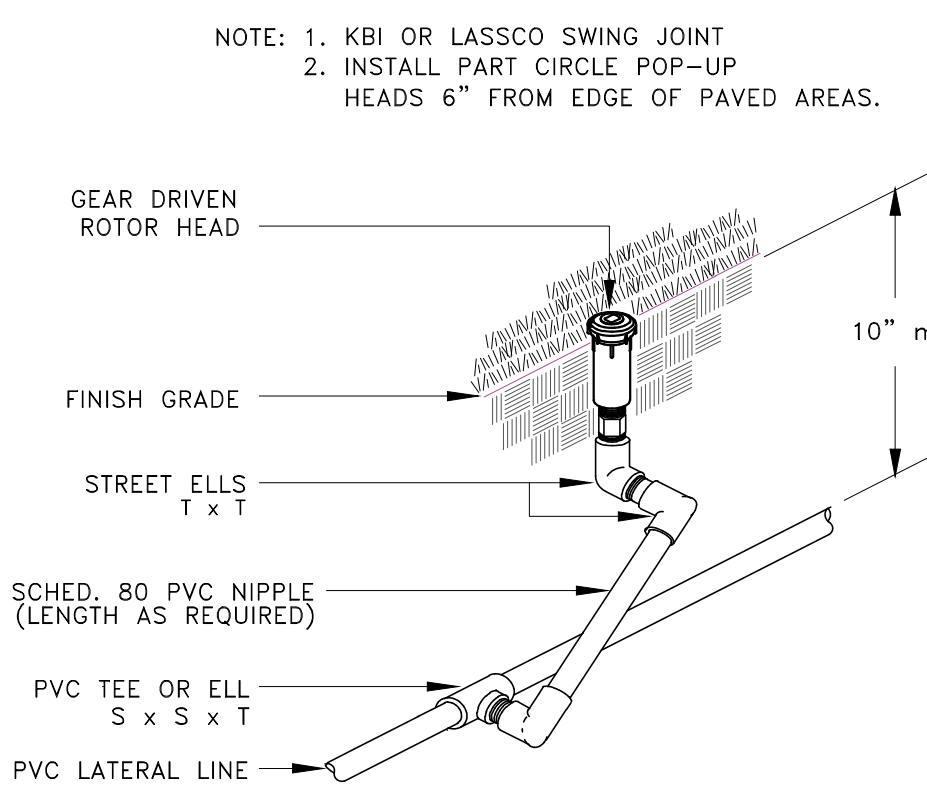
- All equipment numbers reference Rainbird equipment catalog unless otherwise indicated.
- LAWN SPRAY HEADS are 1804 sam installed as per detail.
- SHRUB SPRAY HEADS are 1812 sam installed as per detail.
- ELECTRIC CONTROL VALVES shall be PEB installed as per detail shown. Size valves as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of solenoid and/or valve cover without any earth excavation. (Refer to Specifications)
- AUTOMATIC CONTROLLER shall be installed at location shown. Power (120V) shall be located in a junction box within five feet (5') of controller location. Power supply and junction box to be provided by General Contractor.
- All 24 volt valve wiring is to be UF 14 single conductor. All wire splices are to be permanent and waterproof. (Refer to Specifications)
- SLEEVES shall be supplied and installed by Irrigation Contractor. Sleeve material shall be Schedule 40. Bore under existing pavement as required. Sizes as indicated on plans.
- Ten days prior to start of construction, contractor shall verify static water pressure. If static pressure is less than 50 PSI, do not start work until notified to do so by SSP Design.
- All mainline and lateral piping shall have a minimum of 12 inches of cover. All piping under paving shall have a minimum of 18 inches of cover. (Refer to Specifications).
- The irrigation contractor shall coordinate installation of the system with the landscape contractor so that all plant material will be watered in accordance with the intent of the plans and specifications.
- The irrigation contractor shall select the proper arc and radius for each nozzle to insure 100% and proper coverage of all lawn areas and plant material. All nozzles in parking lots and planting beds shall be low angle to minimize overspray on pavement surfaces. No water will be allowed to spray on building.
- The irrigation contractor shall warranty all system components for a period of one year 20 days. (Refer to Specifications).
- See "Owner Provided" specifications for further instructions and project requirements. Contractor shall follow specification section 02812 - Site Irrigation for any discrepancies between plans and specifications.

3 REMOTE CONTROL VALVE
NOT TO SCALE

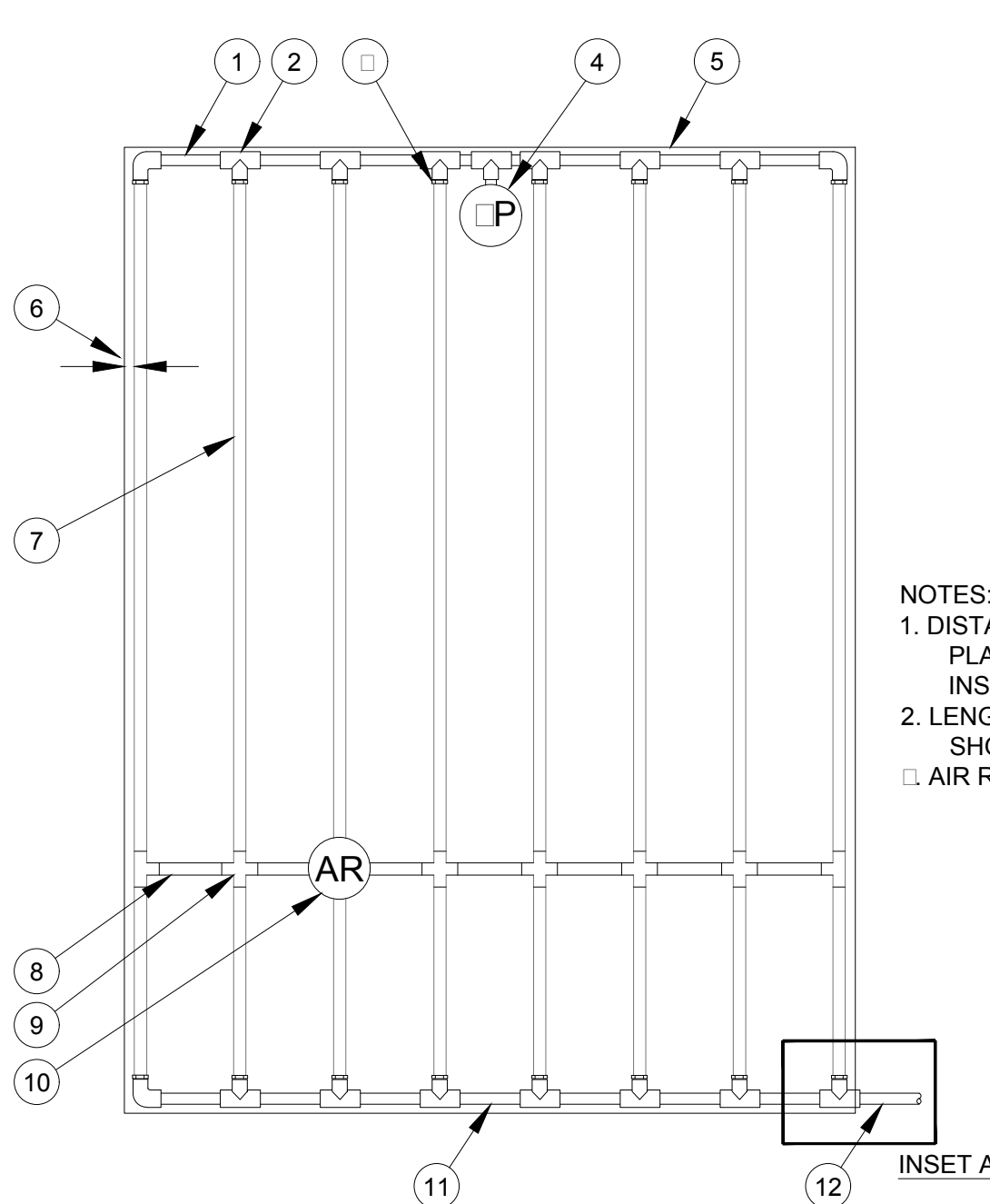
ALL VALVE BOXES SHALL HAVE FILTER FABRIC AND 4" OF GRAVEL AT BASE



7 PRESSURE VACUUM BREAKER
NOT TO SCALE



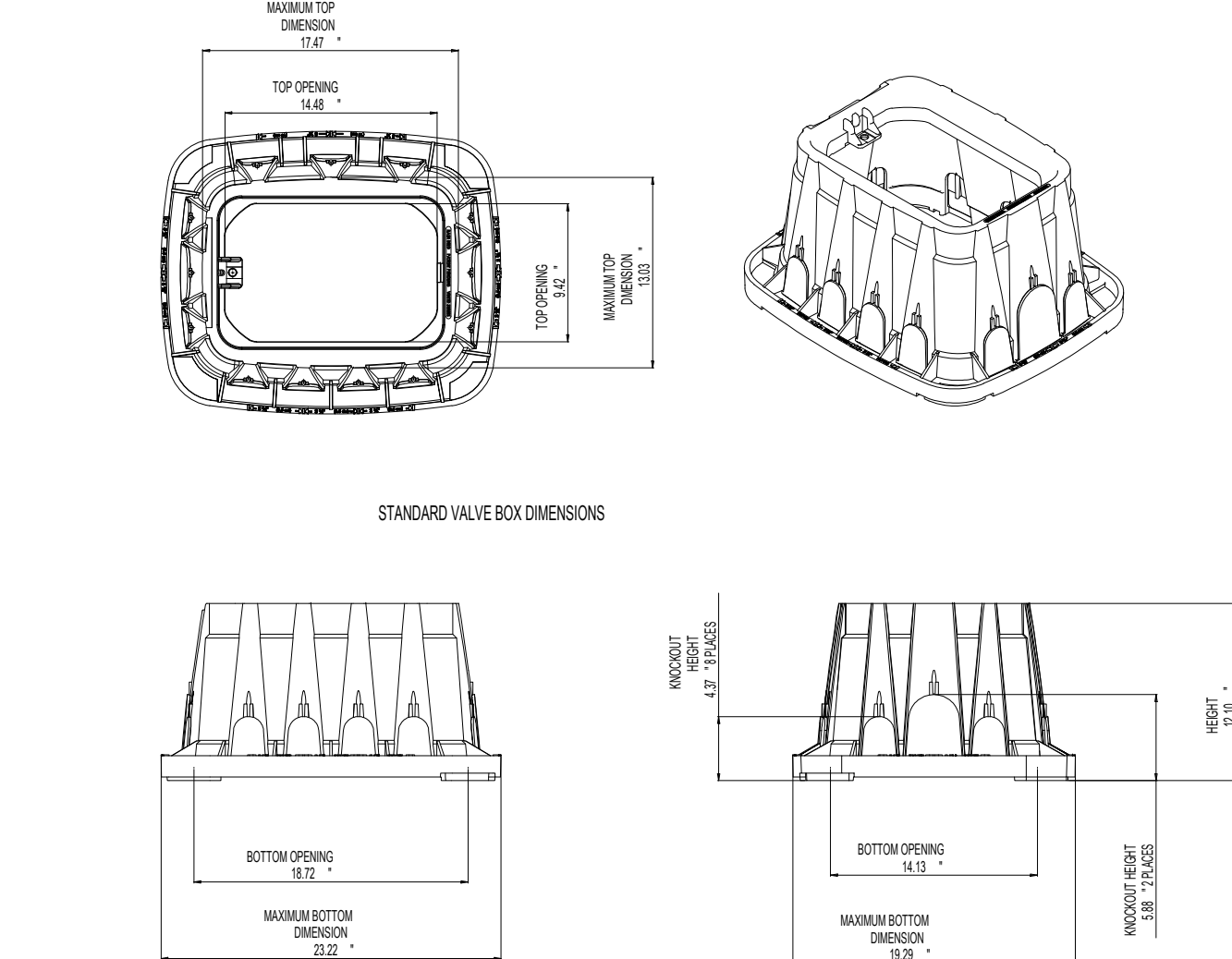
8 ROTOR POP-UP
NOT TO SCALE



4 END FEED LAYOUT INST. N.T.S.

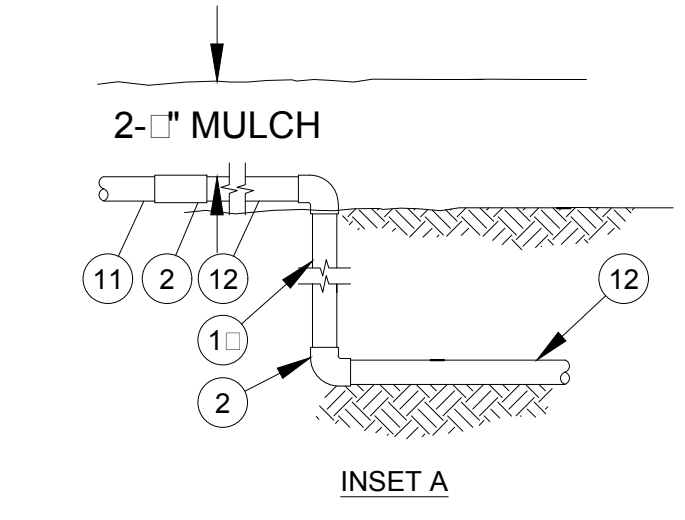
X-S Dripline Maximum Lateral Lengths (feet)

Inlet Pressure psi	12" Spacing		18" Spacing		24" Spacing	
	Nominal	low (GPH)	Nominal	low (GPH)	Nominal	low (GPH)
15	255	194	57	27	448	41
20	291	220	408	111	514	84
30	50	266	494	78	622	478
40	96	302	560	428	705	541
50	44	311	614	470	775	594



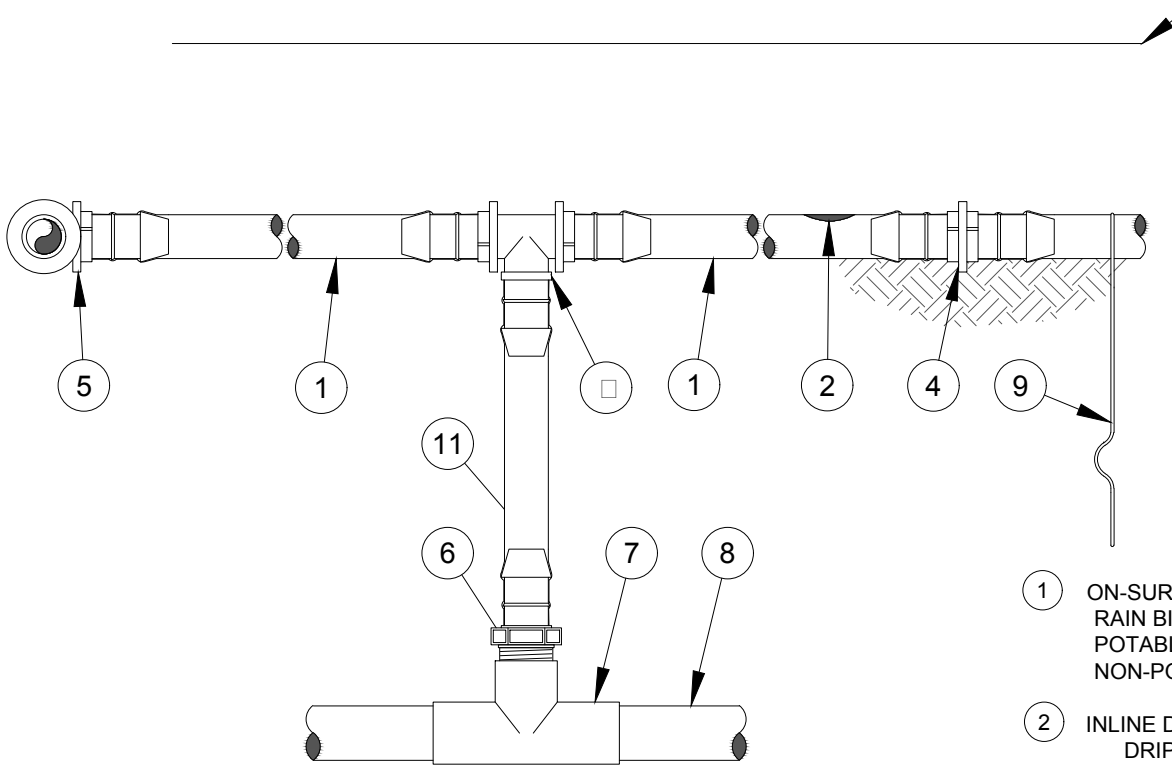
ALL VALVE BOXES SHALL BE RAINBIRD VB-STD OR APPROVED EQUAL
ALL VALVE BOXES SHALL HAVE FILTER FABRIC AND 4" OF GRAVEL AT BASE

5 VALVE BOX (VB-STD)
NOT TO SCALE



- NOTES:
- DISTANCE BETWEEN LATERAL ROSS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD X-S DIAPHRAGM INSTALLATION GUIDE OR SUGGESTED SPACINGS.
 - LENGTH OF LONGEST DIAPHRAGM LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
 - AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.

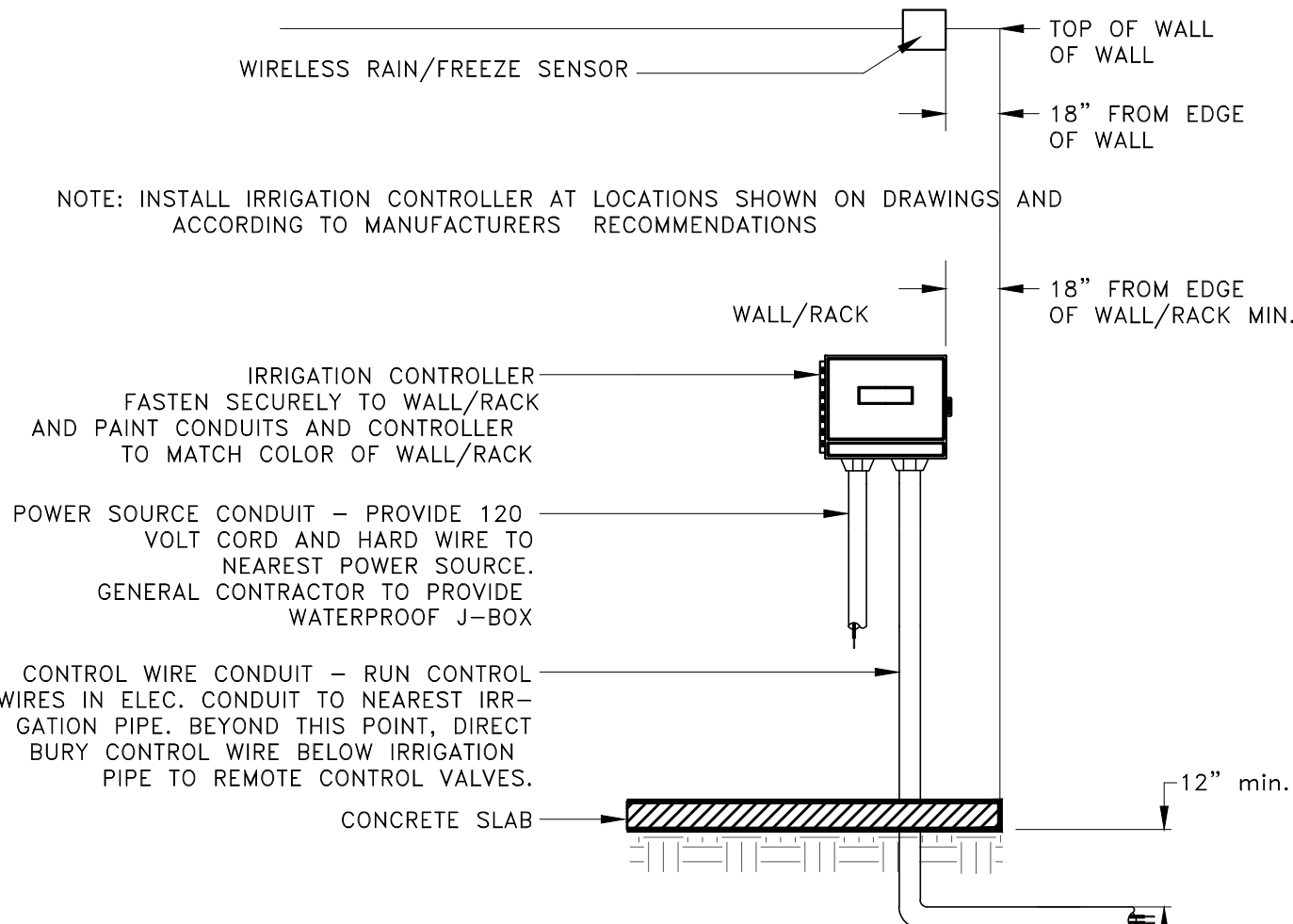
6 IRRIGATION SYSTEMS
SUB-HEADER INST. N.T.S.

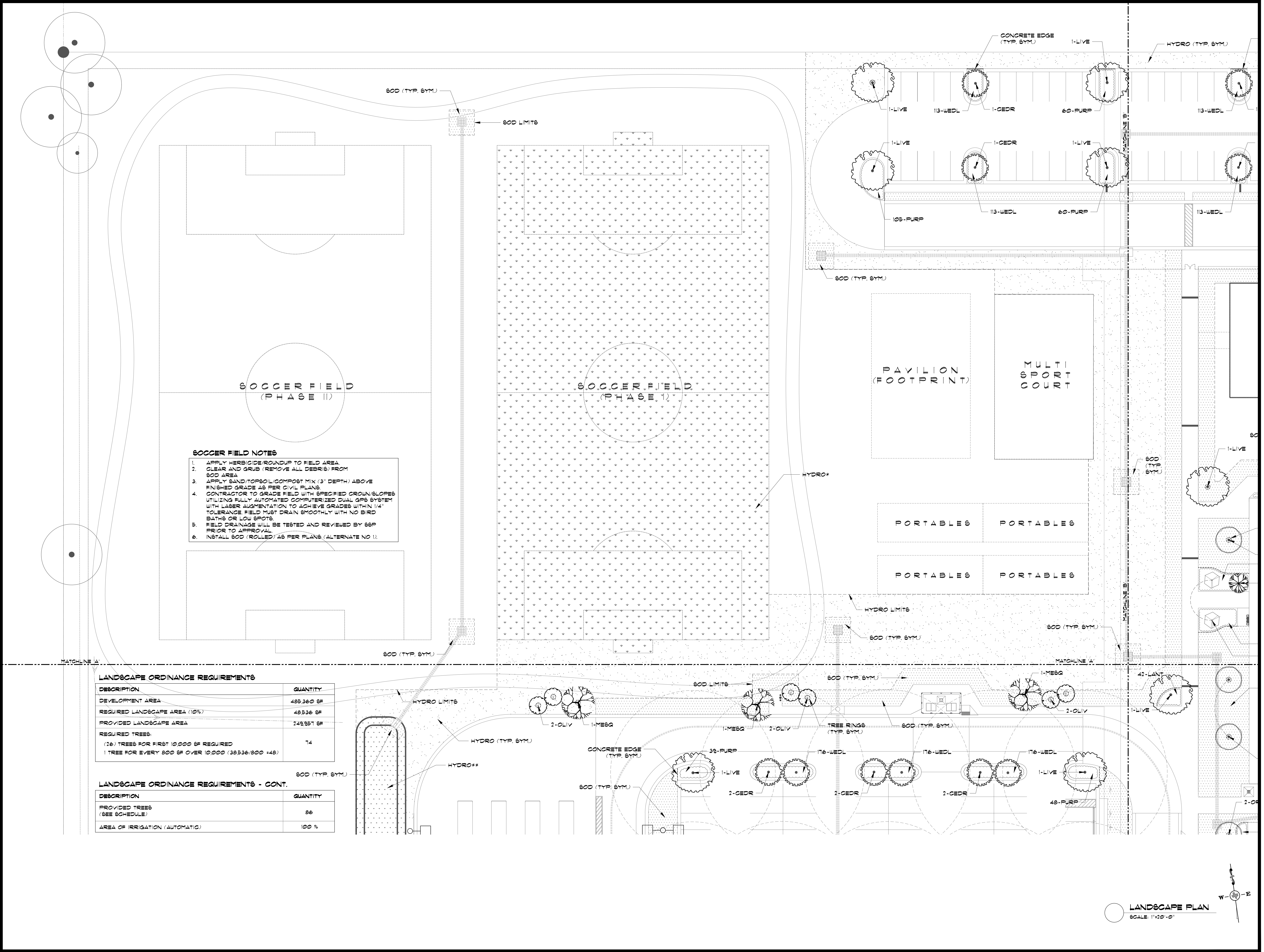


- NOTES:
- PLACE TIE DOWN STAPLES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
 - AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE DOWN STAPLES ON EACH LEG OF THE CHANGE OF DIRECTION.
 - SAFELY OUR HANDS. USE THE RAIN BIRD FITTING TOOL X-1 INSERTION TOOL FOR FITTING ASSEMBLY.

- ON-SURFACE DIAPHRAGM:
RAIN BIRD X-S SERIES DIAPHRAGM
POTABLE: X-S DIAPHRAGM
NON-POTABLE: X-SP DIAPHRAGM
- INLINE DRIP EMITTER OUTLET, SEE PLANS FOR
DIAPHRAGM OUTLET SPACING.
- BARB TEE 17x17x17mm
RAIN BIRD X-TEE
- BARB COUPLING 17x17mm
RAIN BIRD X-COUP
- BARB ELBO: 17x17mm
RAIN BIRD X-ELBO
- BARB MALE ADAPTER
17mm X 1/2" MPT
RAIN BIRD X-MA-050
17mm X 1/4" MPT
RAIN BIRD X-MA-075
- P-C TEE 5x5xT
- P-C LATERAL SUPPLY: HEADER
- TIE DOWN STAPLE:
RAIN BIRD TDS-050 WITH BEND (TYPICAL)
- MULCH
- RAIN BIRD X-SERIES BLANK TUBING LENGTH AS
REQUIRED

10 WALL/RACK MOUNTED
CONTROLLER
NOT TO SCALE







GMS ARCHITECT

1150 Paredes Line Rd
Brownsville TX 78521
(956) 546-0110
fax (956) 546-0196

IDEA

L2.02



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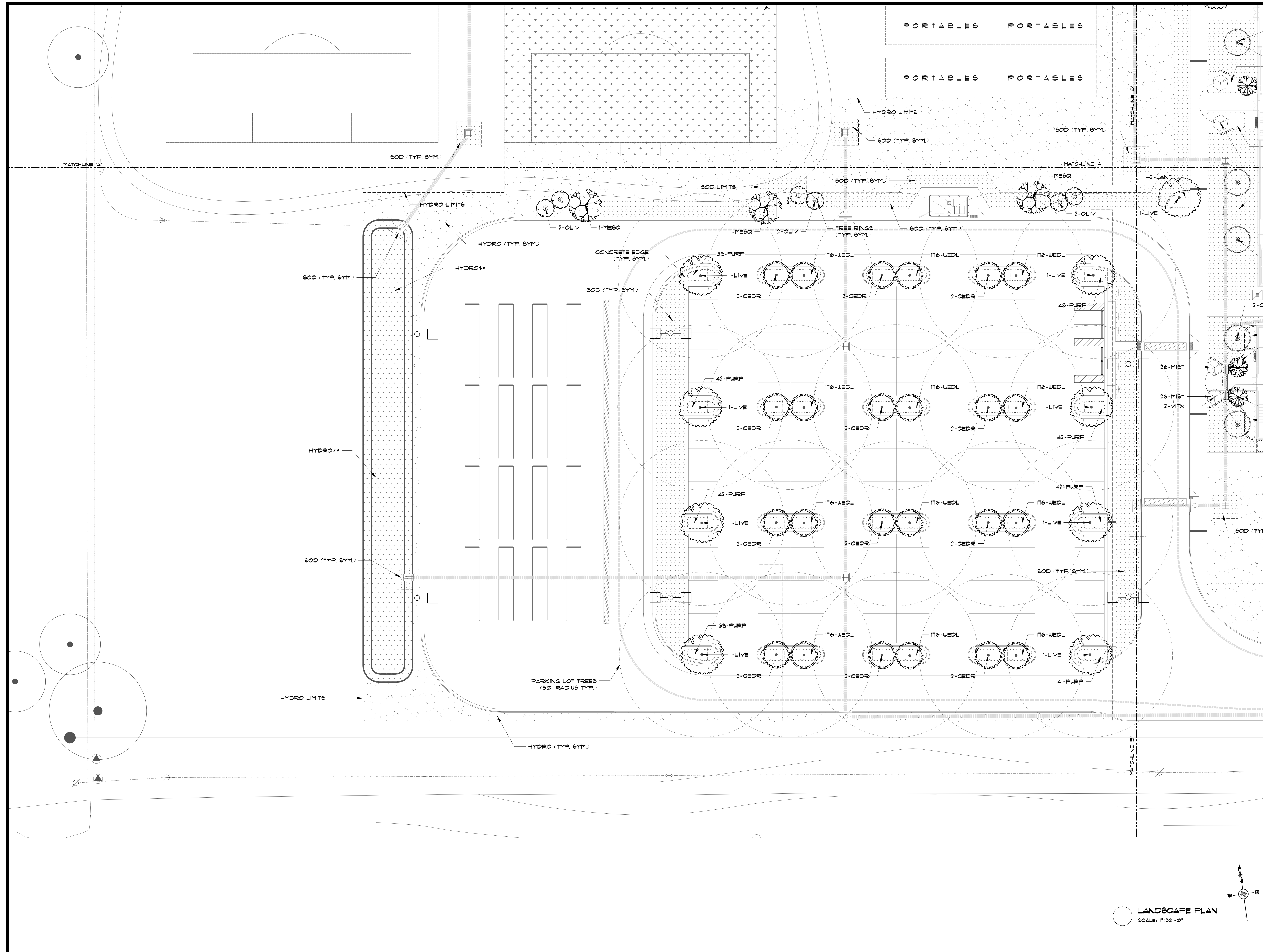
IDEA - SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS



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Gomez Mendez Saenz In
Architects-Planners
Interior Designers

Date: 6/11/18
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: [Redacted]
Job No. [Redacted]
IDEA South McAllen, Phoebe

L2.03



No.	REVISIONS	B
1	ADDENDUM #1 5/18/18	
5	ADDENDUM #5 6/11/18	



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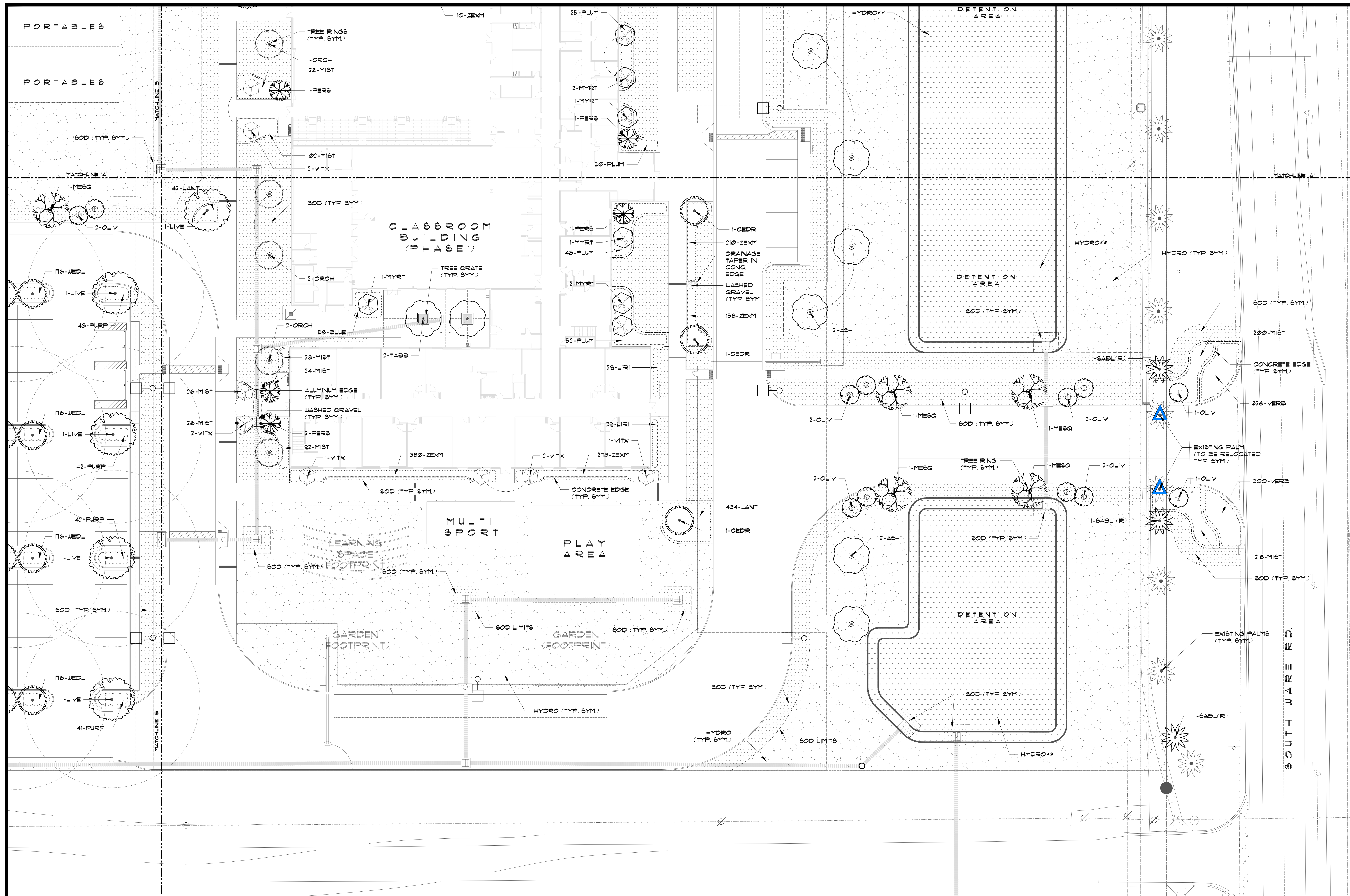
IDEA - SOUTH MCALEN CAMPUS
PHASE I
MCALEN, TEXAS



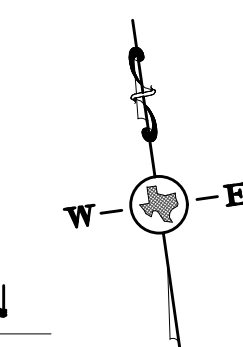
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Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date:	6/11/11
Scale:	As Noted
Project Architect:	David Monreal, AIA
Drawn By:	
Job No.	IDEA South McAllen Phase 1

L2.04



LANDSCAPE PLAN
SCALE: 1"=20'-0"



CODE	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	SPACING	QTY
	PALMS					
SAB/LR	SABAL TEXANA	TEXAS SABAL PALM (RELOCATED)	B/B	6-8' TRUNK	A.B.	3
	TREES					
A8H	FRAXINUS B. 'FAN TEX'	'FAN TEX' A8H	B/B	3" CAL. x 10'4" X 6'4"	A.B.	8
CEDR	ULMUS CRASSIFOLIA	CEDAR ELM / (CONT. GROWN)	36" BOX	3-4' CAL. 14'4" X 11'4"	A.B.	34
LIVE	QUERCUS VIRGINIANA	LIVE OAK / (CONTAINER GROWN)	36" BOX	4-5' CAL. 18' HT X 14' W	A.B.	18
MEBG	PROSOPIS GLANDULOSA	HONEY MESQUITE	B/B	3" CAL. x 10'4" X 6'4"	A.B.	8
MYRT	LAGERSTROEMIA X NATCHES'	'NATCHES' GRAPE MYRTLE	48 GAL	12'4" X 6'4" MULTI	A.B.	7
OLIV	CORDIA BOBOBIERI	WILD OLIVE	B/B	2-3' CAL. 8' HT X 4' W	A.B.	24
ORCH	BAUHINIA VARIEGATA	ORCHID TREE	30 GAL	3" CAL. 10'4" X 6'4" W	A.B.	5
PER8	DIOSCYROS TEXANA	TEXAS PERSIMMON	B/B	2-3' CAL.	A.B.	5
TABB	TABESUA IMPETIGINOSA	PURPLE TABESUA	30 GAL	3-4' CAL. 10'4" X 6'4" W	A.B.	2
VITX	VITEX AGNIUS-CASTUS	CHAETAE TREE	18 GAL	2-3' CAL. 6' HT	A.B.	8
	SHRUBS					
LIRI	LIRIOPE MUSCARI	LIRIOPE MAJESTIC'	3 GAL	18'4"4" BUSHY	A.B.	38
MIST	EUPATORIUM GREGGII	PURPLE MIST FLOWER	1 GAL	12'4"4" BUSHY	A.B.	860
PLUM	FLUMBAGO AURICULATA	BLUE FLUMBAGO ROYAL CARPE	3 GAL	18'4"4" BUSHY	A.B.	155
	GROUND COVERS					
BLUE	RUPELLIA HUMILIS	'BLUE SHADE' RUPELLIA	1 GAL	12'4"4" BUSHY	12" O.C.	158
LANT	LANTANA CAMARA RED SPREAD	RED SPREAD LANTANA	1 GAL	12'4"4" BUSHY	24" O.C.	476
PURP	LANTANA MONTEVIDENSIS	PURPLE TRAILING LANTANA	1 GAL	12'4"4" BUSHY	18" O.C.	774
VERB	VERBENA CANADENSIS	'HOMESTEAD PURPLE' VERBENA	1 GAL	12'4"4" BUSHY	12" O.C.	144
WEDL	WEDDIA TRILOBATA	WEDDIA	4' POTS		12" O.C.	2,780
ZEMX	WEDDIA TEXANA	ORANGE ZEMXENIA	1 GAL	12'4"4" BUSHY	12" O.C.	136
	GRASS					
80D	CYNODON DACTYLON	#1 CERTIFIED TRIFURY 418' HYBRID BERMUDA 80D			6.025 B.Y.	
HYDRO	CYNODON DACTYLON	COMMON BERMUDA HYDROMULCH			128.914 S.F.	
HYDRO+	CYNODON DACTYLON	COMMON BERMUDA HYDROMULCH (WITH TACKIFIER)			55.325 S.F.	

DESCRIPTION	NOTES	QUANTITY
PREMIUM COMPOST	2" LAYER PREMIUM COMPOST (EARTHWISE ORGANICS MIX)	104 C.Y.
SCREENED TOP SOIL	8" FOR ALL PLANTING BEDS	457 C.Y.
MULCH (HARDWOOD)	2" MIN. FOR ALL PLANTING BEDS & WATERING BASINS (TEXAS NATIVES HARDWOOD)	1,684 BAGS
HERBICIDE	ALL PLANTING BED AREAS AS SPECIFIED	18.71 G.R.
FERTILIZER	ALL PLANT MATERIAL PER DETAILS	-
PLANTING TABLETS	PER DETAILS / AS SPECIFIED	-
PRE-EMERGENT	ALL PLANTING BED AREAS AS SPECIFIED	19.71 G.R.
GUYING / STAKING	ALL TREES/PALMS PER DETAILS	-
CONCRETE EDGE	5" EXTRUDED COLORED CONCRETE EDGING PER PLANS/DETAILS	1229 L.F.
ALUMINUM EDGE	5" BLACK ANODIZED ALUMINUM EDGE DREAMCAPS® AS PER PLAN	24 L.F.
WASHED GRAVEL	6" DEPTH OF 1 - 1/2" WASHED GRAVEL AS PER PLANS/DETAILS	1 C.Y.
DECO	4" COMPACTED DECOMPOSED GRANITE RINGS 1/4" MINUS PER PLANS/DETAILS	326 G.R.
TREE RINGS	(36" DIA.) 4X6" EXTRUDED CONCRETE EDGING PER PLANS/DETAILS	4
TREE GRATE	NEENAH POUNDRY 60" R-8146-A CAST IRON TREE GRATE W/ 18" OPENING INCLUDE TYPE 8850 TREE GRATE FRAME (88502626) & STEEL CHANNEL SUPPORT (88502626)	27
IRRIGATION SYSTEM	COMPLETE AUTOMATIC IRRIGATION SYSTEM BY LICENSED CONTR.	1

DESCRIPTION	NOTES	QUANTITY
HERBICIDE	ALL LANDSCAPE AREAS (ROUNDUP OR APPROVED EQUAL)	42500 0R
CLEAR/GRUB/SITE PREP	CLEAR ALL DEBRIS FROM TOP LAYER OF EXISTING SITE	42500 0R
GRADING	GRADING + LASER LEVELING	42500 0R
TOPSOIL/SAND MIX (1)	10/10/10 SAND/TOPSOIL/COMPOST MIX (3" - ADD TO FINISHED GRADE AS PER CIVIL PLANS	460 CY.
HYDROMULCH#	PAN-AM HYBRID BERMUDA HYDROMULCH	50000 0R
MAINTENANCE	90 DAY MAINTENANCE OF FIELDS WITH REEL MOWERS + FERTILIZATION	1

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