### GENERAL NOTES

WARNER ROAD

- ALL JANGSONET HOME TO CONFORM TO THE MADE ONA ASSOCIATION OF COMPRISHING THE MADE OF THE M OWNER'S REPRESENTATIVE
- 2. IT IS THE RESONABILITY OF THE COMPRETING TO YELL AND INSECT THE OBS STEE INPART OF SORDING. TO PROMISE THE CONTROL OF SOME OF SORDING THE CONTROL OF THE PROJECT WAS THE CONTROL OF THE PROJECT WORK TO BE COMPLETED. NO ADDITIONAL COMPRESABION WILL BE PERMITTED FOR FAILURE TO COMPLETELY ASSERTIAN ALL ASPECTS OF THE PROJECT.
- 3. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF EXISTING CONDITIONS WHICH ADVERSELY IMPACT CONTRACTOR'S ABILITY TO COMPLETE IMPROVEMENTS INDICATED ON PLANS.
- CONTRACTOR SHALL REVIEW AND FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES AND SUBSURFACE SYSTEMS PRIOR TO STARTING ANY EXCAVATIONS
- CONTRACTOR SHALL VERIFY WITH OWNER'S REPRESENTATIVE ALL LANDSCAPE WORK SEQUENCING AND SCHEDULING AND SHALL SUBMIT VERIFICATION THAT ALL PLANT MATERIAL HAS BEEN SECURED AND IS AVAILABLE FOR REVIEW PRIOR TO STARTING ANY WORK.
- BASE INFORMATION PROVIDED DERIVED FROM TOWN OF GILBERT G.I.S. DATA & AFRIM PHOTOS BOTH PROVIDED BY THE TOWN OF GILBERT.
- LANDSCAPING SUBGRADE (= .10 TOLERANCE) TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR AS FOLLOWS:
  - A. ROCK GROUND COVER AREAS: 2" BELOW FINISH GRADE TO ALLOW FOR INSTALLATION OF 2" MINIMUM DEPTH ROCK GROUND COVER.
  - B. ALL SITE LANDSCAPE AREAS DESIGNATED FOR ROCK GROUND COVER SHALL BE FINISH GRADED PRIOR TO THE START OF ANY LANDSCAPE INSTALLATIONS. TOP OF ROCK GROUND COVER TO BE MIN. 1" BELOW TOP OF ADJACENT PAYEMENT OR CURB SUPFACE.
- CALL BLUE STAKE (602)263-1100) TO LOCATE UNDERGROUND UTILITIES
   BEFORE STARTING ANY UNDERGROUND WORK.
- NO PLANT SUBSTITUTIONS, TYPE OR QUANTITY DEVIATIONS FROM THE APPROVED LANDSCAPE PLANTING OR IRRIGATION PLANS WITHOUT PRIOR WRITTEN APPROVAL FROM THE TOWN OF GILBERT.
- ALL PLANT MATERIAL AND SPECIFICATIONS TO CONFORM TO THE ARIZONA NURSERYMAN ASSOCIATION STANDARDS.
- 11. ALL RIGHT-OF-WAY PLANT MATERIAL TO BE IN COMPLIANCE WITH THE CURRENT DEPARTMENT OF WATER RESOURCES LOW WATER USE APPROVED
- 12. PROR TO THE SURF OF MY LANDSCAPE CONSTRUCTION ACTIVITY.
  CONTRACTOR SMAL SUMM TO THE AND ACT REMEMBERS A REMEMBER AT A MINIMUM, A
  THAN FOR REMEM AND APPROVAL (MOTE AND REMEMBERS MAY BE
  REQUIRED UPON REQUEST BY THE LANDSCAPE ARCHITECT)(REFER TO
  SPECIFICATIONS OF THE MAY BE
  REQUIRED UPON REQUEST BY THE LANDSCAPE ARCHITECT)(REFER TO
  SPECIFICATIONS.)
  - A. LANDSCAPE ITEMS "PLANT MATERIAL VERIFICATION SOURCE LIST; FERTILIZER AND FERTILIZER MALE." COMPLETE TIESE STAKING MATERIALS INCLUDING STARSES, MIRES, & MUSBER HOSE; GOULDER SAMPLES WHERE COLLED FOR; PRE-TEMERCENT; AND ROOK GROUND COVER MATERIAL SAMPLES (UIN. 2 POUNDS ZOCH TIPS). \*ALL LANDSCAPE PLANT MATERIAL SHALL BE REVIEWED AND APPROVED AT THE NURSERY BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE.
  - B. LANDSCAPE IRRIGATION ITEMS— THE FOLLOWING IRRIGATION SUBMITTAL SAMPLES AND/OR MATERIAL PRODUCT DATA SHEETS SHALL BE PROMDED FOR REVIEW. BASK FLOW PREVENTE & ENCLOSINE; CONTROLLER WITH EITHER PERESTAL OR WALL MONITED CABINET ENCLOSINES; CONTROL MANUSE FOR THE OF YAVES BOXES (ALL.) SIZES); ALL PVC PIPE INCLUDING PVC FLEX HOSE AND 1/4" POLY DISTRIBUTION TUBING. ALL REQUIRED PVC PRIMER AND CEMENT INCLUDING TYPE 795 CEMENT FOR FLEX HOSE; EMITTERS AND/OR HEADS; WIRE CONNECTORS, WATER SERVICE PRESSURE AND POWER SERVICE VERIFICATION.
- CONTRACTOR IS REQUIRED TO PROVIDE A MINIMUM OF 72-HOUR PRIOR NOTIFICATION TO SCHEDULE ALL REQUIRED FIELD REVIEWS AND SITE

#### LANDSCAPE NOTES

- VERIFY ALL LAYOUT AND GRADING WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING CONSTRUCTION.
- PROBLEM TO SIMPLIFICATION OF THE PROBLEM TO SHOW ON THE PLANS WHICH AREAS ARE DEFINED AS ALL NON-PAVED AREAS SHOWN ON THE PLANS WHICH ARE BOUNDED BY THE PRINCE WALLS OF PROPERTY ROBHIT OF THE PROBLEM TO PROPERTY ROBHIT OF THE PROBLEM TO SHOW OF THE PROPERTY COMMON GROWN STACE TRACTS. AND ANY ADJACENT PROPERTIES OUTSIDE THESE LIMITS WHICH ARE DISTURBED BY ANY CONSTRUCTION ACTIVITY WORD THIS CONTINUE.
- CONSTRUCTION ALTIST TOWNS HIS CONTINUE.

  ALL DISTRICT AND SCAPE AREAS OUTSIDE THE SITE AREA DEFINED ABOVE WHICH ARE DISTRIBRED BY ANY ACTIVITY UNDER THIS CONTRACT SHALL BE REFARED TO COULD ON RETIFER CONDITION AND TO THE SANSFACTION OF THE TOWN OF GUBERT AT CONTRACTOR'S EXPENSE. SEE PROJECTION/RESTORATION NOTES THIS SHEET.
- THE CONTRACTOR SHALL PROVIDE FLAGGED AND/OR STAKED LAYOUT OF ALL PLANTING LOCATIONS FOR REVIEW AND ADJUSTMENT, IF NECESSARY, BY THE OWNER'S REPRESENTATIVE PRIOR TO STARTING IRRIGATION OR PLANT PIT EXCAVATIONS.
- PLANT PILE EXAMPLIANS.

  5. PLANT QUARTITIES INDICATED ARE FOR GENERAL REFERENCE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ALL QUARTITIES AND MATERIALS NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THE SYMBOLS SHOWN ON THE PLANS.
- 6. ALL PLANTING AREAS SHOWN TO RECEIVE ROCK GROUND COVER SHALL RECEIVE A 2" MINIMUM LAYER (AFTER SETTLEMENT) OF ROCK GROUND COVER AND FINISH GRADING, AS DESIGNATED, UNLESS OTHERWISE INDICATED.
- 7. ROCK GROUND COVER SHALL BE DECOMPOSED GRANITE TO MATCH EXISTING. PROVIDE SAMPLE TO OWNER'S REPRESENTATIVE FOR SELECTION AND APPROVAL PRIOR TO ORDERING.
- RIP RAP OR OTHER ROCK SURFACING SHALL ALSO BE CONSIDERED ROCK GROUND COVER WHERE CALLED FOR.
- GROUND COURS WHERE CALLED FOR.

  ALL IND-HOUSED THE APEC BROWNED OR SHOWN TO RECENE INSTALLATION OF BOOK GROUND COVERS SHALL RECENE A MENIALIM OF THO APPLICATIONS OF APPROVED FROM THE APPLICATION OF THE A
- , CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THESE PLANS AND ANY AND ALL DEVATIONS WILL REQUIRE REAPPROVAL LANGSCAPE INSTALLATIONS TO BE APPROVED BY THE TOWN OF GLIBERT PARKS AND RECREATION DEPARTMENT.
- AMOUNT REMORBLISH, REPROBLEMS, AND REMARKS AS PRESENTED, RESIDENCE, STITEY MONIBLED TOOK, AND REMARKS AS PRESENTED RESEN HAVE BEEN PROVIDED AS CONCEPTUA, ONLY MAD WILL REQUIRE A SEPARATE REMORB AND PERMIT ROWN THE BULDING DEPARTMENT. IN NO CASE SHALL HE DEPICTED WALLS, ENTRY MONIBLET SORS, AND PRANCES BE CONCEPTUAL THE APPROVILE BY THE PLANNING DEPARTMENT IS REQUIRED PROVIDING THE TRANSPORT OF THE PLANNING DEPARTMENT IS REQUIRED PROVIDING THE TECHNICAL SPECIAL FOR THE PROVINCE OF THE PROVI
- 12. NO OBJECTS WITHIN THE TOWN OF GILBERT SIGHT TRIANGLES SHALL EXCEED 2 FEET, AND TREES SHALL HAVE A 7 FEET MINIMUM, CLEAR CANOPY, ALL TREES, SHRUBS, AND GROUNDCOVERS ARE TO MEET OR EXCEED A.N.A. SPECIFICATIONS.

### IRRIGATION NOTES

- INCOMPRION NOTES

  CONTRACTOR SHALL REVIEW AND FIELD VERIFY LAYOUT OF ALL IRRIGATION SYSTEM COMPONENTS AND HAVE THE LAYOUT APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO STARTING INSTALLATION.
- THE CONTROLOG SHALL BE RESPONSIBLE FOR PROMOING ALL NECESSARY COMPONENTS AND COMPLETION THE INSTALLATION OF A FULLY AUTOMATIC AND COMPLETION THE INSTALLATION OF A FULLY AUTOMATIC AND COMPLETION THE INSTALLATION OF A FULLY AUTOMATIC AND COPERATION STREM, AS INDICATED ON THE PLANS, PRIOR TO THE START OF ANY FLANTING OPERATIONS.
- SITUATION OF THE PROPRISE OF THE PROPRISE OF THE PROPRISE EXTRING COMMINIONS PRIOR TO THE START OF CONSTRUCTION NOTIFY OWNER'S REPRESENTATIVE MANDEMERY OF ANY DISCREPANCES BETWEEN COSTING CONGINIONS AND INFORMATION SHOWN ON PLANS WHICH AFFECT OPERATION OR LAYOUT OF SYSTEM.
- 4. SYSTEM HAS BEEN DESIGNED WITH A STATIC PRESSURE OF 65 TO 70 PSI. CONTRACTOR SHALL FIELD VERBY PRESSURE PROR TO ORDERINO MATERIAL OR STATENIS REGISTON AND MOTHEY CONSULTANT OF ANY OPPERFACE FROM PRESSURE INDICATED. IF CONTRACTOR FAILS TO NOTIFY CONSULTANT HE ASSUMES TULL RESPONSIBILITY FOR ANY STSTEM ALTERATIONS.
- 5. WATER SERVICE CONNECTIONS TO THE WATER LINE, AND WATER METERS WHERE SHOWN ON THE PLANS, ARE EXSTINC. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONNECTIONS COMMISSIONS OF THE WATER METER AND EXTEND TAP SIZE TYPE 'K' HARD COPPER PIPE FROM WATER METER HEROUGH BANGETON PREVENTER AS DETAILED, AND AS APPLOBLE.
- 6. ALL PIPING AND WIRING PLACED UNDER PAYED AREAS SHALL BE INSTALLED IN SEPARATE SLEEVES WHERE SHOWN ON PLANS SLEEVE INSTALLATIONS SHALL BE COMPLETED FORCE TO THE STATE OF ANY DAMAGE OPERATIONS, MINESON PROPERTY OF THE SHAPE O
- SHUP URWINDS FOR APPEARA, PROOF TO STANDING FABRICATION.

  THE REGALION SISTEM LANCES STORM ON THE DRAWNESS IS GENERALLY SCHEMIC, ALL WARDS, COMPORINTS, PRING, FITTINGS AND EQUIPMENT SHALL BE LOCATED WHITH LANGEST, PRING FITTINGS AND EQUIPMENT CONTROL OF THE OWNERS SHOWN OR APPEAUSE IN THE OWNERS REPRESENTATIVE. THE CONTROL OF SHALL BE RESPONSIBLE FOR PROVIDED AND RESILLING REPRESENTATIVE. THE CONTROL STIELD CONFIDENTS AND CONNECTIONS WHICH WILL PROVIDE FLUX AUTOMATIC GENERAL WARDS OF GRAFFIEL CONCERNOR FOR ALL THAT SHALL S
- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY FINAL LOCATION, COORDINATE ACCESS AND MAKE ALL NECESSARY CONNECTIONS FOR THE IRRICATION CONTROLLER POWER SERVICE AT LOCATION SHOWN ON THE PLANS.
- 10. REFER TO SPECIFICATIONS AND DETAILS FOR INSTALLATIONS PROCEDURES

- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMIDING ALL PIPING NECESSARY TO PROMIDE A COMPLETE AND FULLY OPERATIONAL IRRIGATION SYSTEM INCLUDING ALL SUB-LATERAL PIPING, FITTINGS AND RISERS TO EACH PLAYT EMITTER AS SPECIATED AND AS DETAILED, WHETHER OR NOT PIPING IS SHOWN ON THE PLANS.
- SHOWN OF THE PUNS.

  31 JUNESS OTRERWISE NOTED ON IRRIGATION PLANS, ALL EXISTING AT GRADE OR ABOVE GRADE IRRIGATION COMPONENTS TO BE REMOVED. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRIC VALVES, VALVE BOXES, SPRAY HEADS, BUBBLERS, ROSER LINES, EMITTER DISTRIBUTION LINES AND CONTROLLERS. BUBBLERS, HISER EINES, ENTITER DISTRIBUTION FINES AND CONTROLLE
  ALL EXISTING IRRIGATION BELOW GRADE (PVC PIPING) TO BE ABANDON
  PLACE, UNLESS DISTURBED DURING NEW CONSTRUCTION. REMOVE AND
  DISPOSE AS NECESSARY.
- DISPOSE AS NECESSARY.

  14. A TOWN OF GIBERT PERMIT IS PEQUIRED FOR THE INSTALLATION OF ANY
  LANDSCAPE OR RERCATION SYSTEM. IRRICATION LINES MUST BE INSPECTED
  BEFORE BACKFLING, A SET OF 4 ML. PHOTO-ANTLARS "AS-BUILTS" OF THE
  LANDSCAPE AND RENGATION PLANS ARE ALSO REQUIRED.
- CANDUMEN AND MONIGHIMM PLANS ARE ALSO REQUIRED. TECHNOLOGY CRED BACKFLOW DEVICE FOR APPROVAL. THE FOLLOWING MUST BE ACCOUNTINGTON THE DEVICE FOR APPROVAL. THE FOLLOWING MUST BE ACCOUNTINGTON THE TOTAL PROVINCE HISTORY AND THE TESTED BY A STATE CERTIFIED BACKFLOW HISTORY AND THE TEST RESULTS FORWARDED TO THE TOWN OF GLEBETT BACKFLOW STORMAND FOR AND MUST FORWARD THE TOWN MUST PROVINCE AND THE TOWN THE AND THE TOWN MUST FORWARD AND THE TOWN THE AT THE STERN FORM WHICH TO BE STEED FOR THE STERN FORM WHICH TO BE STEED FOR THE STERN FOR MUST TO BE STEED FOR THE STERN FOR MUST TO BE STEED FOR THE STEED

## PROTECTION / RESTORATION NOTES

- RESTORATION OF LANDSCAPE APEAS WILL BE BASED ON THE LIMIT OF DISTURBANCE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO YEARY THE LIMITS OF RESTORATION AND PROVIDE ALL LABOR MATERIALS NECESSARY TO COMPLETE THE REQUIRED REPAIR WORK AS NOTED AND IN ACCORDANCE WITH MACE SECTION 1073.
- RESTORATION SHALL INCLUDE BUT IS NOT LIMITED TO THE COMPLETE
  RESTORATION OF ALL DISTURBED LANDSCAPE SUBPACES, INCLUDING INSTALLATION
  OF NEW OR REPLACEMENT IRREGIATION SYSTEMS AND PLANTS AS WELL AS ALL
  FINGSH CRADING AND POCK GROUND COVER TO MATCH ADJACENT UNDISTURBED
  ANDSCAPES AGES. I ANDSCAPE AREAS
- UNIDADE PARAMONE PHAIL DE ESTRAINCE D'IT IE UNIT OF DOUISMANCE. MON COMPATION RESEAUR O' CONFIETE HE RESULTION DE RESTORATION ET SIANL SE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVINCE AND SEALL ALL RECESSARY PHOEDITIENTE RESPUES HE PRÉPARE DE DESTURBANCE DE ANY ADMONSTRAIN DES HOMBON TO BE DISTURBED. AS A RESULT O' WORK UNDER THIS CONTRACTOR AND THE DESTURBED AS A RESULT OF WORK UNDER THIS CONTRACTOR.
- ANY AND ALL PLANTS, NOT DESIGNATED TO BE REMOVED, WHICH ARE DISTURBED OR DAMAGED AS A RESULT OF WORK UNDER THIS CONTRACT SHALL BE REPLACED WITH A PIANT OF FOULL. OR BETTER QUALITY AND OF THE SAME SIZE AND SPECES AS THE ORIGINAL EXISTING PLANT UNLESS OTHERMES OFFICED BY THE OWNER'S REPRESENTATIVE.

## MAINTENANCE

- WINITE LEVANUL. CONTROLLEY MARTIAN ALL INSTALLED PROFESS OF CONTROLLER SHALL CONTROLLEY MARTIAN ALL INSTALLED PROFESS OF THE WORK LINES INSISTANTIAL PROJECT COMPLETION AND FOR A MINIMUM PERSON OF 90 DAYS THERATHER, MARTIANCE SHALL INCLUDE ALL WORK INCCESSARY TO KEEP THE PROJECT IN INCA, CLEAN, WEED PREC CONDITION AND TO ASSIGNED HEALTHY PLANT (ROWTH.
- CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM AND MAKE ANY NECESSARY REPAIRS, REPLACEMENTS, OR ADJUSTMENTS RECARDLESS OF CAUSE TO ASSURE A COUNTEY AND OPERATIONAL SYSTEM AND COUNTEIT 1009; MINIFORM HEAD TO HEAD COVERAGE TO THE NEW AND EXISTING PLANTINGS AND LAWN AREAS.
- 3 1 WEEK PRIOR TO THE END OF THE MAINTENANCE PERIOD, AND ONCE MAINTENANCE WILL BEGIN.
- CONTRACTOR WILL GUARANTEE PLANT MATERIALS AS FOLLOWS: 1 AND 5 GAL PLANTS 90 DAYS. TREES 1 YEAR FROM DATE OF SUBSTANTAL COMPETION. AT NO ADDITIONAL COST TO THE OWNER, REPLACE IN KIND AND SIZE PLANT MATERIALS NOT SURWAYING OR IN
- CONTRACTOR WILL GUARANTEE INSTALLED PROTION OF IRRIGATION SYSTEM FOR 1 YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- AFTER SATISFACTORY COMPLETION OF CONTRACTOR MAINTENANCE PERIOD, THE TOWN OF GLIBERT WILL HAVE THE RESPONSIBILITY FOR MAINTAINING THE LANDSCAPING IN ACCORDANCE WITH APPROVED PLANS.

	LAND	SCAPE MATERIAL LE	GEND			IRRIGAT SYMBOL	ION I
d	_	COMMON NAME	SIZE	QIY.	REMARKS	[M]	EXISTI
(	$(\mathbf{A})$	ACACIA SMALLII SWEET ACACIA	24" BOX	1	SINGLE STRAIGHT MAIN LEADER 8.0 HT. x 4.0 W. x 1.5 CAL.	÷	(SEE
•	)	CHILOPSIS LINEARIS DESERT WILLOW	24" BOX	8	MULTI/LOW BREAKER UPRIGHT FORM 7,0 HT, x 4.0 W. x 1.25 CAL	77772	NEW S PIPING BE SL
7	$\sim$	SCOOL WILLOW					NEW &
(	رځ	DALBERGIA SISSOO SISSOO	24" BOX	37	SINGLE STRAIGHT MAIN LEADER 10.0 HT. x 4.0 W. x 1.25 CAL.	H	NEW I
<u>`</u>	)	PARKINSONIA PRAECOX PALO BREA	36" BOX	10	MULTI/LOW BREAKER UPRIGHT FORM 10.0 HT. x 8.0 W. x 2.5 GAL.	H	NEW B GREAT DETAIL
7	$\widehat{}$	ULMUS PARVIFOLIA EVERGREEN ELM	24" BOX	7	SINGLE STRAIGHT MAIN LEADER 8.0 HT. x 3.0 W. x 1.25 CAL.	0	NEW 1 RAINBI LINE 1 WITH PLAST SCREE
`	$\checkmark$	SHRUBS, GROUND COVERS, A	ND ACCENT	£ 60			SCREE
	A	AGAVE DESMETTIANA AGAVE BOUGAINVILLEA 'LA JOLLA'	5 GAL	18	TRAIN TO WALL		(PMR- VALVE 3/4"
	<b>⊕</b>	BOUGAINVILLEA CAESAI PINIA MEXICANA	5 GAL.	46		•	3/4" NEW F
	0	MEXICAN BIRD OF PARADISI CALLIANDRA CALIFORNICA	5 GAL.	62		•	RAINBI
	0	BAJA FAIRY DUSTER CASSIA PHYLLODENIA	5 GAL.	58			BALL '
	0	SILVER LEAF CASSIA CHRYSACTINIA MEXICANA	1 GAL.	311		TURF	NEW L PVC P NEW 3
	*	DAMIANITA HESPERALOE PARVIFLORA	5 CAL.	326		TREES	(UNLE
	0	RED YUCCA LANTANA 'NEW GOLD'	1 GAL.	438		SHRUBS	NEW 3 (UNLE
	•	NEW GOLD LANTANA LEUCOPHYLLUM CANDIDUM	5 GAL.	47			1/2° 315 F
	0	'THUNDER CLOUD' LEUCOPHYLLUM LANGMANIAE	5 GAL.	612			ALL S AS NE
	(\$	'RIO BRAVO' SAGE MUHLENBERGIA CAPILLARIS	5 GAL.	57			DETAIL
	•	PINK MUHLY MUHLENBERGIA RIGENS	5 GAL.	172			HUNTE
	0	DEER GRASS NERIUM OLEANDER	5 GAL.	137		PART FULL	STAND
	Ø	'PETITE PINK' OLEANDER ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET' DWARF ROSEMARY	1 GAL.	479		Δ O	SHOR*
	•	RUELLIA BRITTONIANA 'KATIE' KATIE RUELLIA	1 GAL.	294			HUNTE
	•	RUELLIA PENINSULARIS DESERT RUELLIA	5 GAL.	153			10KF
	$\ominus$	SIMMONDSIA CHINENSIS JOJOBA	5 GAL.	38			10 SE 12 SE 15 SE 17 SE
	0	TETRANEURIS ACAULIS ANGELITA DAISY	1 GAL.	43			
		TURF-SEED (NUMEX SAHARA) OVERSEEDED 'MIDIRON' SOD I PLANTED OUT OF SEASON	F	286,669 S.F	USE SOD FOR TURF AREA ON COOPER AND MADERA PARC DRIVE	RD. EMITTER SCHEDULE	SERIES PSI) ( FOR E
	_	CONC. HEADER ROCK GROUND COVER		2,821 UN	, FI.	PER EMITTER SCHEDULE	SCHEE NEW S
		ROCK GROUND COVEB NEW LODSE ROCK RIP-RRP LOCATED AS SHOW ON PLAN. COLOR: MATCH 2 MIN. DEPIN — ALL COLOR: MATCH TO SCREENED WARROW ALL OTHER LANDSCAPE PLAN ALL OTHER LANDSCAPE PLAN	;" YN IRROUNDING	3,420 S.F D.G. COI	.or	SCHEDULE	SL200 OUTLE AND S
		2" MIN. DEPTH - 1/2" SCRI	ENED PO	198,981 S.F			DRIP :
		1/2" SCREENED MADISON GO ALL OTHER LANDSCAPE PLANT	OLD COLOR	IN		A	RME S PROVI
		EXISTING TREE LEGEND EXISTING TREE TO REMAI	N				PROTE
		EXISTING TREE LEGEND  EXISTING TREE TO REMA  + ASSH TREE TO REMA  ASSAFRICAN SUMAC EUC.  DW-DESERT WILLOW J- J  EXISTING PALM TREE TO	P=PINE_TE =EUCALYPTU ACARANDAS: REMAIN	IEE JS ≕6ISSOO TF	REE		WIRING GRAY) CONNE
		EXISTING SHRUB OR GRO					ALL IS
							CARSO LID M

DRAWING SHEET INDEX					
DESCRIPTION	SHEET NUMBER				
LANDSCAPE GENERAL NOTES SHEET	L-1 1 OF 21 THIS SHEET				
LANDSCAPE PLANTING PLAN	L-2 2 0F 21				
LANDSCAPE PLANTING PLAN	L-3 3 0F 21				
LANDSCAPE PLANTING PLAN	L-4 4 OF 21				
LANDSCAPE PLANTING PLAN	L-5 5 0F 21				
LANDSCAPE PLANTING PLAN	L-6 6 0F 21				
LANDSCAPE IRRIGATION PLAN	L-7 7 0F 21				
LANDSCAPE IRRIGATION PLAN	L-8 8 0F 21				
LANDSCAPE IRRIGATION PLAN	L-9 9 OF 21				
LANDSCAPE IRRIGATION PLAN	L-10 10 0F 21				
LANDSCAPE IRRIGATION PLAN	L-11 11 0F 21				
LANDSCAPE DETAIL SHEET	L-12 12 0F 21				
IRRIGATION CETAIL SHEET	L-13 13 0F 21				
IRRIGATION DETAIL SHEET	L-14 14 0F 21				
HARDSCAPE/ WALL PLAN	L-15 15 0F 21				
HARDSCAPE/ WALL PLAN	L-16 16 0F 21				
ENTRY SIGNAGE PLAN	L-17 17 0F 21				
LOW VOLTAGE LIGHTING & ENTRY SIGN	L-18 18 0F 21				
PLANTING SPECIFICATIONS	L-19 19 OF 21				
IRRIGATION SPECIFICATIONS	L-20 20 0F 21				
PHASING PLAN	L-21 21 0F 21				

## MATERIALS LIST

TING WATER METER TO REMAIN (SIZE AND ATION AS SHOWN ON PLANS) ING BACKFLOW PREVENTER TO REMAIN PLANS FOR LOCATION) SCHEDULE 40 PVC SLEEVE (ALL NG AND WIRING UNDER PAVEMENT TO SLEEVED) (SIZE AS NOTED)

> MAINLINE SCHEDULE 40 PVC - 2-1/2" SMALLER (SIZE AS NOTED) ISOLATION BALL VALVE -2" AND LLER-NIBCO MODEL T-585 (LINE SIZE) (SEE L). ISOLATION GATE VALVE 2-1/2" AND TER-NIBCO F-619-RW (LINE SIZE) (SEE

NULL W KUNTER VALVE MANIFOLD ASSEMBLY INCLUDES:
INBRIO PER ELECTRIC REVOITE COMFROL VALVE,
E SIZE BRANS RESILIDIT STATE DALL VALVE,
I FOLLE MANIFOLD AND PRODUCE AND PROPERTY OF THE PROPERTY

REMOTE CONTROL VALVE — (SIZE PER PLAN) BIRD PEB SERIES ELECTRIC REMOTE CONTROL I'E WITH LINE SIZE BRASS RESILIENT SEATED VALVE WITH FULL PORT OPENINGS ON INLET. LATERAL (SIZE PER SCHEDULE), CLASS 200 3/4" DRIP LATERAL, CLASS 200 PVC PIPE LESS OTHERWISE NOTED ON PLANS) 3/4" DRIP LATERAL, CLASS 200 PVC PIPE LESS OTHERWISE NOTED ON PLANS) "PORP SUBLATERAL NOTED ON PLANS)

"PIC PIPE ALL SUBLATERAL PIPE SHALL

PIC CLASS 315. FROVIDE AND INSTALL

SUBLATERAL PIPE LENGTHS AND FITTINGS

NICESSAR' FROM LATERAL PIPE TO

TER RISTALLATION AT EACH PLANT (SEE

NLS)

TER I-20-ADS, 1-20-36S 4" POP-UP NDARD NOZZLES AS LABELED ON PLANS

RT RADIUS NOZZLES AS LABELED ON PLANS ITER I-60-ADS, I-60-36S 4" POP-UP OR TURF SPRAY

NIER INSTITUTIONAL SERIES — 4" POP UP SPRAY HEADS SERIES — 70" FADIUS SERIES — 10"—11", RADIUS SERIES — 14"—15", RADIUS SERIES — 14"—15", RADIUS SERIES — 14"—15", RADIUS

MULTI OUTLET EMITTER - BOWSMITH ML200 IES - (1.0 AND 2.0 GPH OUTLETS © 20 (TREES) WITH SWIVEL OUTLET 90' ELBOWS EACH DISTRIBUTION TUBE (SEE DETAILS AND EDULE) SINGLE OUTLET EMITTER - BOWSMITH

SYSTEM FLUSH PLUG DUTLET (SEE DETAIL) CTRIC SOLID STATE CONTROLLER, RAINMASTER : SENTAR II-SIZE AS NOTES ON PLANS. MDE WITH HEAVY DUTY LIGHTNING/SURGE TECTION.

NG AND ELECTRICAL CONDUIT (SCHEDULE 80, r) FOR CONTROLLER POWER SERVICE NECTION.

ALL IRRIGATION VALVE BOXES TO BE CARSON/BROOKS AMETER OR EQUAL BOLT DOWN LID MODELS (TAN COLOR IN GRANITE AREAS, GREEN IN TURF AREAS) (SEE DETAILS AND NOTES), PROVIDE STAINLESS STEEL BOLTS.

CONTROL VALVE KEY
CONTROL VALVE KEY
CONTROLLER STATION ASSIGNMENT

ALL WIRING TO BE UL APPROVED \$14 MIN. FOR DIRECT BURIAL, SOLID COPPER. INCREASE SIZE AS NECESSARY TO CONDUCT VOLTAGE REQUIRED TO PROVIDE AUTOMATIC OPERATION OF ALL VALVES. WHERE PIPING AND WIRING INSTALLATIONS ARE TO BE SLEEVED, INSTALL IN SEPARATE SLEEVES. CONTRACTOR TO VERIFY A MINIMUM WATER PRESSURE OF 72 P.S.I. AT WATER SOURCE.







O T S Peltz, I R C H I T E Torres Attents A N D S C A P E o West Ellot Road Sulte one (480) 858-4777 E P

Mark L

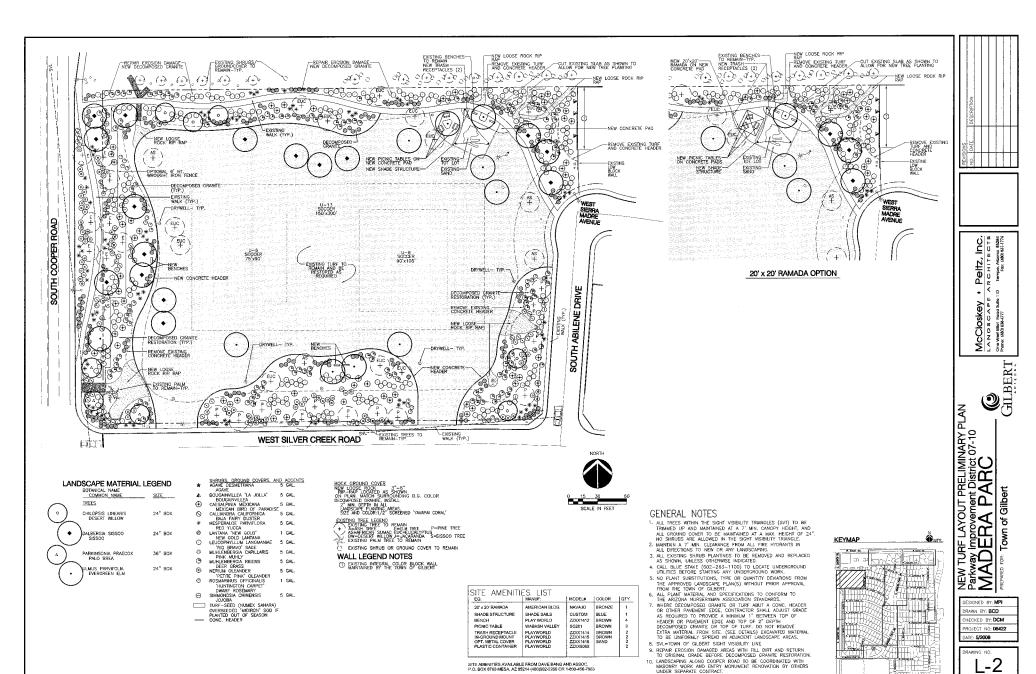
07  $\mathbf{z}$ <u></u> Sheet **₹** ਰ Notes (Impro) g Mg General N Parkway Ir MADI

9

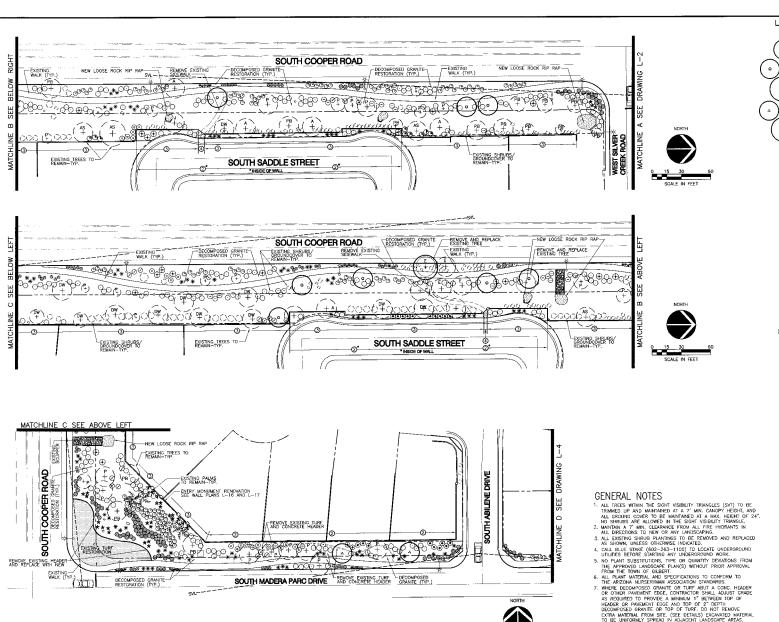
DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

Town





SITE AMENITIES AVAILABLE FROM DAVE BANG AND ASSOC, P.O. BOX 8760 MESA, AZ 85214 (480)892-2268 OR 1-800-456-7903





LANDSCAPE MATERIAL LEGEND BOTANICAL NAME COMMON NAME 24" BOX 24" BOX 24" BOX PARKINSONIA PRAECOX PALO BREA 36" BOX 24" BOX



Peltz, MCCIOSKey LANDSCAPE One West Blot Road Suite I Prone. (481) 888-4777

GILBERT

07-10

#### WALL LEGEND NOTES

- MAINTAINED BY THE TOWN OF GLBERT BXISTING STUCCS AND PAINTED THEME WALL WITH LE ACCENT BAND MAINTAINED BY THE TOWN OF GLBERT CONTROL OF THE ACCENT BAND GRESSING, CREAKED, CHEPTED, WORN, OR PAINTED TERRE COTTAT TILE IN THEME WALL TILE ACCENT BAND. (FELD VERIEV)



IO SE UNE VOICE S'HEAU IN AUSCIENT DESIGNET AREAS.

S.M.-TOWN OF GILBERT SIGNITY MSBUTT LINE

S. HEAVEN OF THE STATE AREA STUDY

S. HEAVEN OF THE STATE AREA STUDY

IO LANGESCHEN AUGUST COPER ROAL TO BE COORDINATED WITH

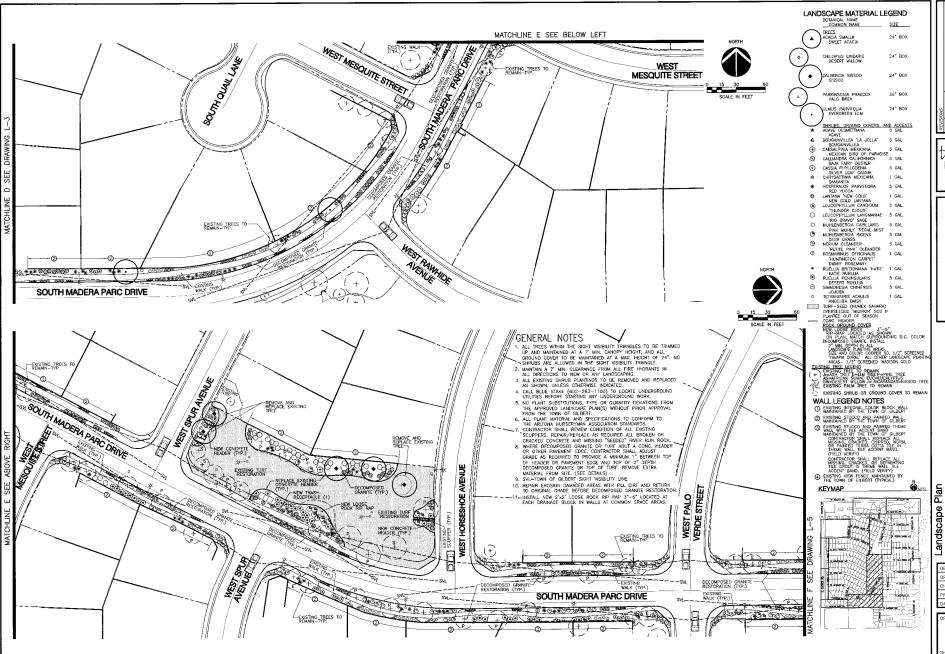
MASONRY WORK AND ENTRY MONUMENT RENOVATION BY OTHERS

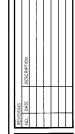
UNDER SEPARATE CONTRACT



Town of Gilbert









MCCloskey + Peliz, Inc.
LANDSCAPE ARCHITETS
One worth Bird Read Suffer 1 Inman (400 BM-477)

n — © Gilbert

Landscape Plan
Parkway Improvement District 07-10
MADERA PARC

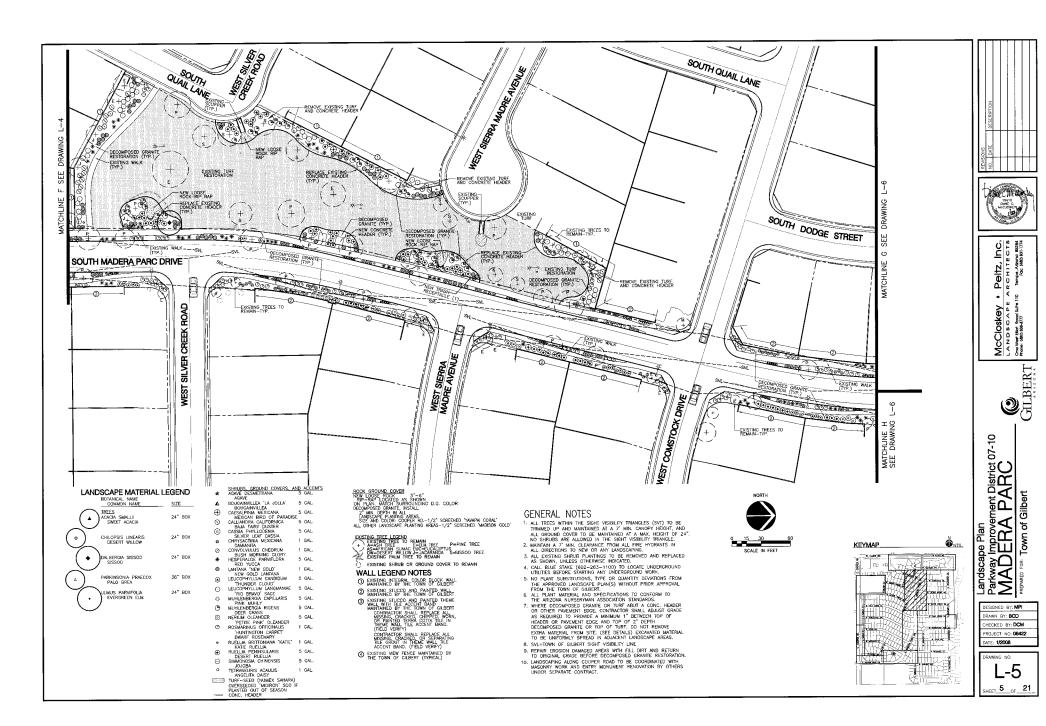
PREPARE TOWN OF Gilbert

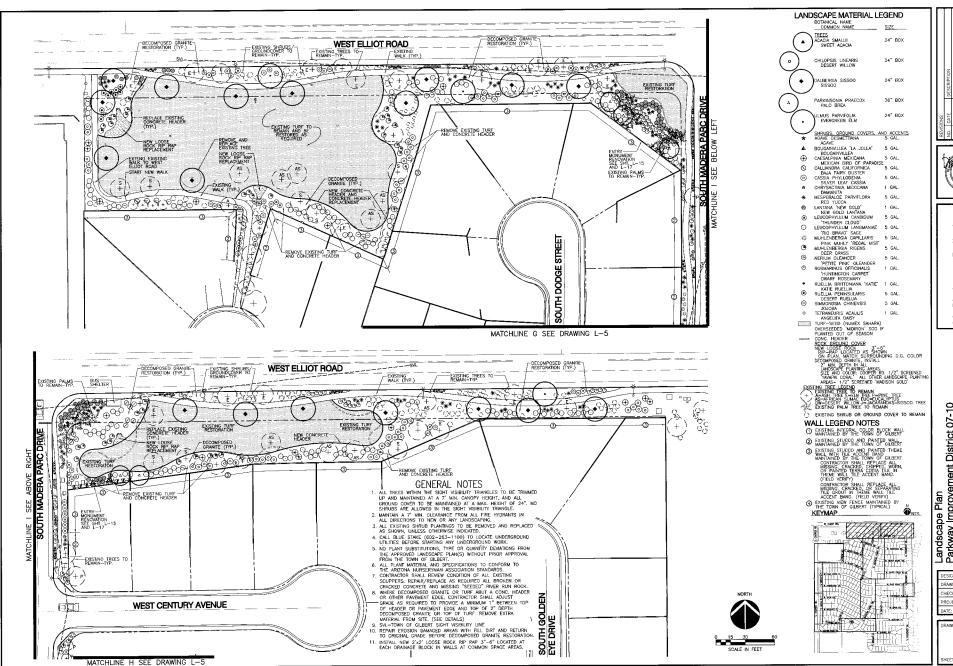
DESIGNED BY: MPI
DRAWN BY: BCD
CHECKED BY: DCM
PROJECT NO: 06422
DATE: 1/2008

DRAWING NO.

L-4

SHEET 4 OF 2









Peltz, Inc.

MCCloskey + Peltz, LANDSCAPE ARCHITE One West Blar Roca Safe 110 Terres Attent Proces. (840) 884-777.

– **©** Gilbert

Landscape Plan
Parkway Improvement District 07-10
MADERA PARC
PREPARE TOWN of Gilbert

DESIGNED BY: MPI
DRAWN BY: BCD
CHECKED BY: DCM
PROJECT NO: 06422

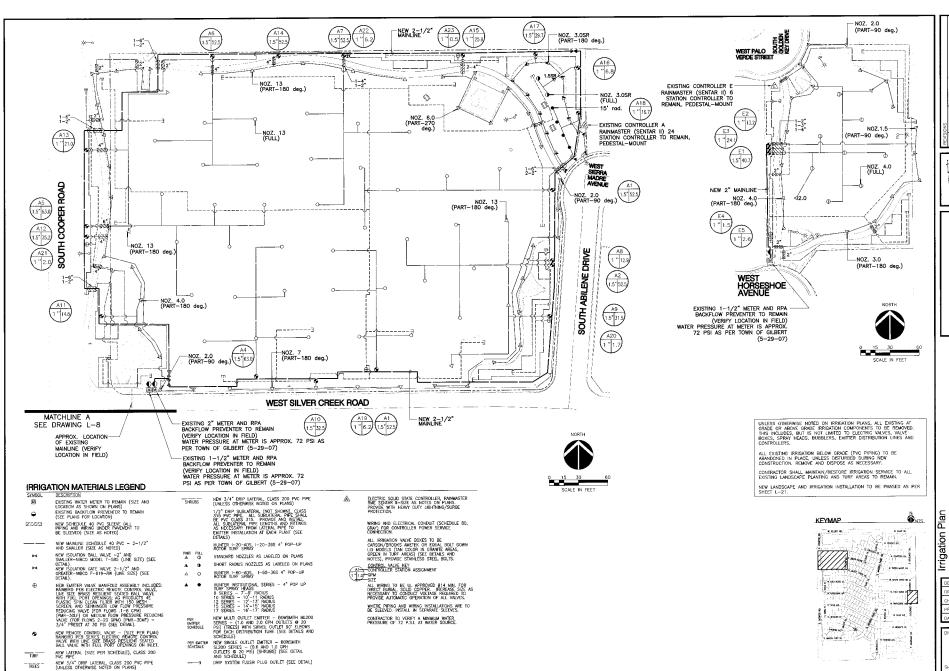
PROJECT NO: 06422

DATE: 1/2008

DRAWING NO.

L-6

L-6







Peltz,

MCCloskey
LANDSCAPE
One West Ellot Road Suite 119
Prome: (480) 838-4777

**©** Glebert

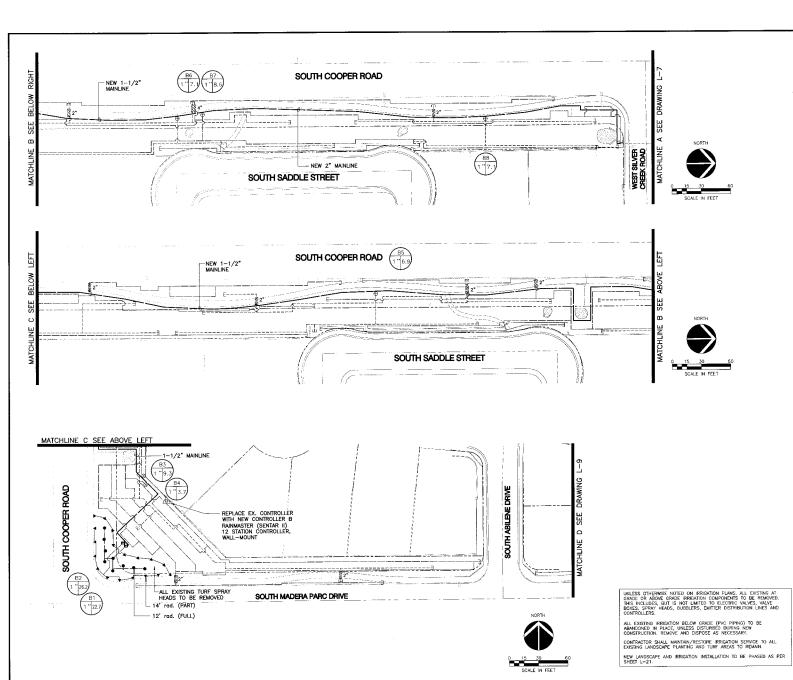
07-10 .ಶᢕ

PERA PARC

own of Gilbert 

DESIGNED BY: MPF DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

RAWING NO L-7 HEET 7 OF 21



IRRIGATION MATERIALS LEGEND

SYMBOL

EXISTING WATER METER TO REMAIN (SIZE AND LOCATION AS SHOWN ON PLANS)
EXISTING BACKFLOW PREVENTER TO REMAIN (SEE PLANS FOR LOCATION)

NEW MAINLINE SCHEDULE 40 PVC - 2-1/2" AND SMALLER (SIZE AS NOTED)

NNU SMILLER NIECZ AS NOVECU)

NEW ISOLATION BALL VALVE -2" AND

SMALLER-NIECO MODEL T-585 (LINE SIZE) (SEE
DETAIL)

NEW ISOLATION GATE VALVE 2-1/2" AND

GREATER-NIECO F-619-RW (LINE SIZE) (SEE
DETAIL).

OCTALL).

NEW EMITIER WALVE MANIFOLD ASSEMBLY INCLUDES: RANGING PER LECTION REMOTE CONTROL. WALVE, INFO. SEC. BROSS REGILENT SATURD BALL, WALVE FLASTIC SPIN CLEAN FILES WITH 150 MESH. SOCREEN, AND SENINGER LOW HOP PRESSURE REDUCING VALVE (FOR FLOWS. 1—8 GRAV).

(FIGHAN OUT) OR METULAN THE PERSON REDUCING VALVE (FOR FLOWS. 1—8 GRAV).

3/4 PRESET AT 30 PSI (SEE DEPENSA-SOME).

NEW REMOTE CONTROL VALVE — (SIZE PER PLAN) RANNBIRD PEB SERIES ELECTRIC REMOTE CONTROL VALVE WITH LINE SIZE BRASS RESILIENT SEATED BALL VALVE WITH FULL PORT OPENINGS ON INLET. NEW LATERAL (SIZE PER SCHEDULE), CLASS 200 PVC PIPE

NEW 3/4" DRIP LATERAL, CLASS 200 PVC PIPE (UNLESS OTHERWISE NOTED ON PLANS) TREES NEW 3/4" DRIP LATERAL, CLASS 200 PVC PIPE (UNLESS OTHERWISE NOTED ON PLANS)

1/2" DRIP SUBLATERAL (NOT SHOWN), CLASS 315 PMC PIPE. ALL SUBLATERAL PIPE SHALL BE PMC CLASS 315, PROVIDE AND INSTALL ALL SUBLATERAL PIPE LENGTHS AND FITTINGS AS INCESSATY FROM LATERAL PIPE 10 BMITTER INSTALLATION AT EACH PLANT (SEE DETAILS)

HUNTER I-20-ADS, I-20-36S 4" POP-UP ROTOR TURF SPRAY

STANDARD NOZZLES AS LABELED ON PLANS SHORT RADIUS NOZZLES AS LABELED ON PLANS HUNTER I=60-ADS, 1-60-36S 4" POP-UP ROTOR TURF SPRAY

HUNTER INSTITUTIONAL SERIES — 4° POP UP TURN SPRAY HEADS 8 SERIES — 7'-9' RADIUS 10 SERIES — 10'-11 RADIUS 12 SERIES — 12'-13' RADIUS 15 SERIES — 14'-15' RADIUS 17 SERIES — 16'-17' ROULS

NEW MULTI OUTLET EMITTER — BOWSMITH ML200 SERIES — (1.0 AND 2.0 GPH OUTLETS & 20 PSI) (TREES) WITH SWIVEL OUTLET 90' ELBOWS FOR EACH DISTRIBUTION TUBE (SEE DETAILS AND SCHEDULE)

SCHEDULE)

NEW SINGLE OUTLET EMITTER — BOWSMITH

SL200 SERIES — (0.6 AND 1.0 GPH

OUTLETS © 20 PS) (SHRUBS) (SEE DETAIL

AND SCHEDULE)

DRIP SYSTEM FLUSH PLUG OUTLET (SEE DETAIL) ELECTRIC SOLID STATE CONTROLLER, RANMASTER RMÉ SENTAR III-SIZE AS NOTES ON PLANS.
PROMBE WITH HEAVY DUTY LIGHTNING/SURGE PROTECTION.

WIRING AND ELECTRICAL CONDUIT (SCHEDULE 80, GRAY) FOR CONTROLLER POWER SERVICE CONNECTION.

ALL BRIGATION VALVE BOXES TO BE CARSON/BRODKS AMETEK OR EQUAL BOLT DOWN UD MODELS (TAN COLOR IN GRANIE AREA), GREEN IN TURP AREAS) (SEE DETAILS AND NOTES), PROVIDE STAINLESS STEEL BOLTS.

CONTROL VALVE KEY
CONTROLLER STATION ASSIGNMENT

A

WHERE PIPING AND WIRING INSTALLATIONS ARE TO BE SLEEVED. INSTALL IN SEPARATE SLEEVES. CONTRACTOR TO VERIFY A MINIMUM WATER PRESSURE OF 72 P.S.I. AT WATER SOURCE







Peltz, Inc. MCCIOSKOY LANDS CAPE

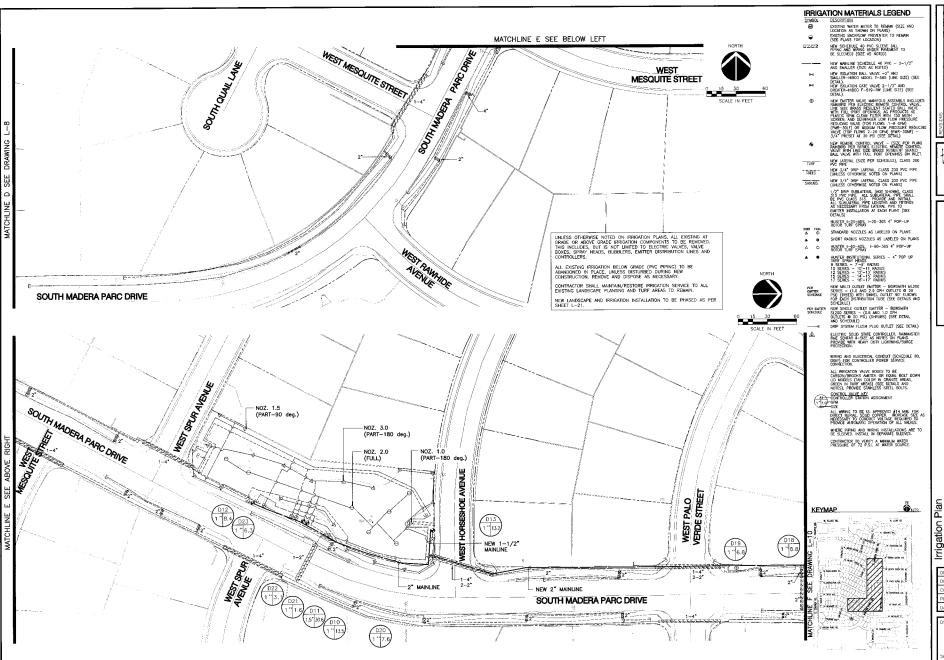
07-10

Z gg Improvement Dis JERA PAF Plan Parkway Ir MADI igation

Fown of Gilbert

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

RAWING NO \_-8 8







Peltz, Inc.

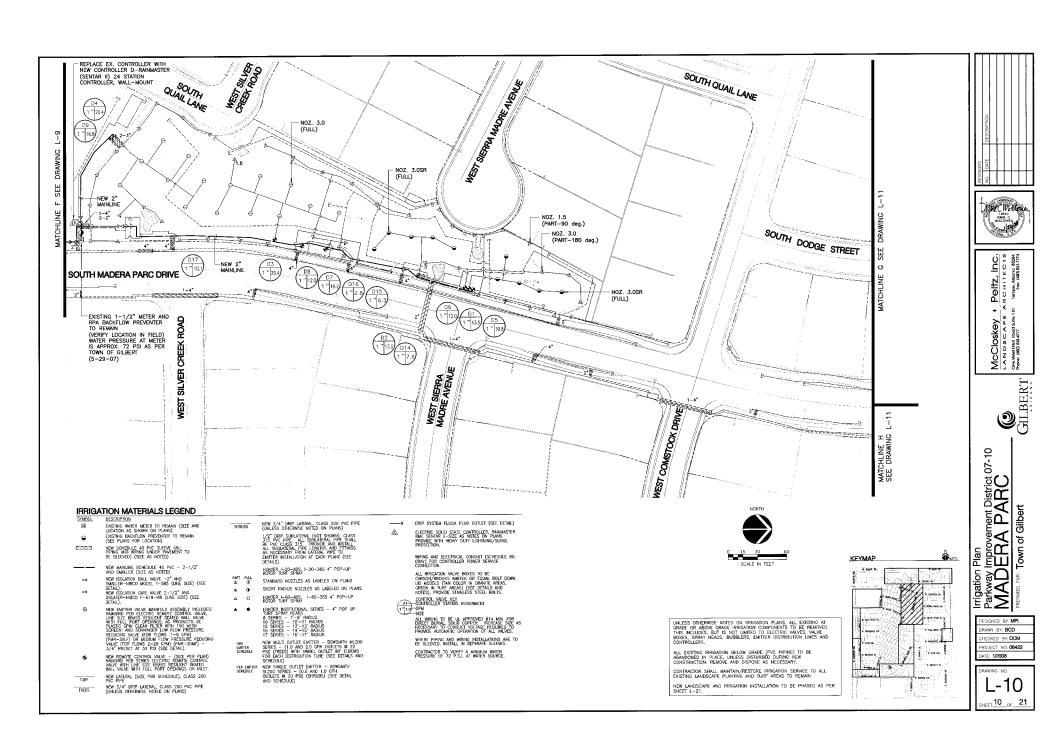
MCCloskey + LANDSCAPE Ora West Blot Road Suffe 110 Prone: (480) 889-4777

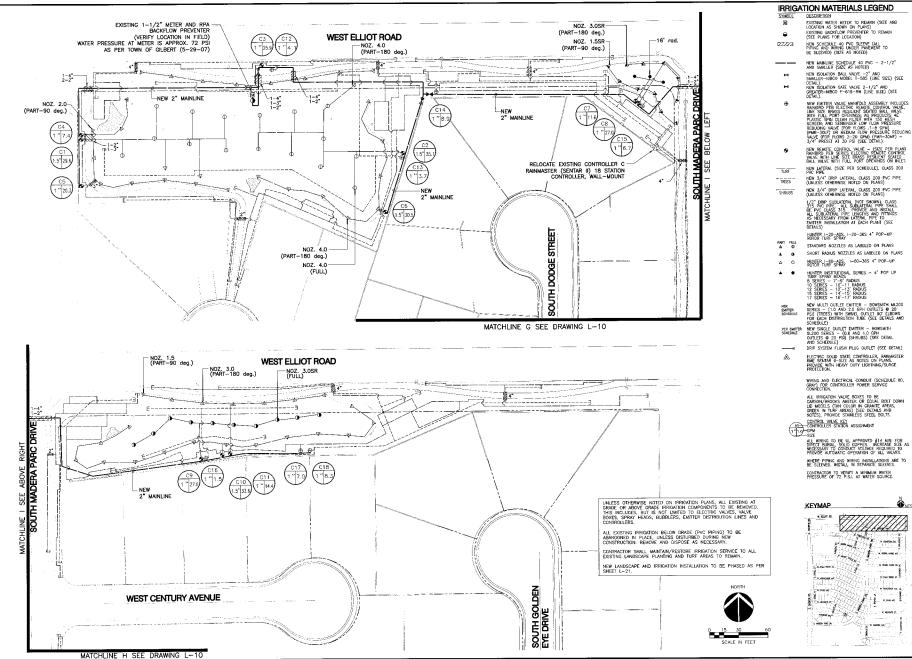
GLBERT

Improvement District 07-10
IERA PARC Parkway Ir MADE

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 ATE: 1/2008

L-9









Distriction of the control of the co Z, Inc.

Peltz,

MCCloskey
LANDSCAPE
One West Ellor Road Suite 13
Prone: (480) 838-077

Variable STREET CONTROL OF PLANS)

1/2" DRIP SUBLATERA, (NOT SHOWN), CLASS

315 PRC PIPE ALL SUBLATERA, PIPE SHALL

BE PIXC CLASS 315, PROVIDE AND INTENDA

ALL SUBLATERAL PIPE LENGTHS AND FITTINGS

AS NECESSARY FROM LATERAL PIPE 10

EMITTER INSTALLATION AT EACH PLANT (SEE

DETAILS)

HUNTER 1-20-AOS, 1-20-36S 4" POP-UP ROTOR TURF SPRAY

STANDARD NOZZLES AS LABELED ON PLANS SHORT RADIUS NOZZLES AS LABELED ON PLANS

HUNTER INSTITUTIONAL SERIES - 4" POP UP TURF SPRAY HEADS

NEW MULTI OUTLET EMITTER - BOWSMITH ML200 SERIES - (1.0 AND 2.0 GPH OUTLETS & 20 PSI) (TREES) WITH SWIVEL OUTLET 90' ELBOWS FOR EACH DISTRIBUTION TUBE (SEE DETAILS AND SCHEDULE)

NEW SINGLE OUTLET EMITTER - BOWSMITH SL200 SERIES - (0.6 AND 1.0 GPH OUTLETS @ 20 PSI) (SHRUBS) (SEE DETAIL AND SCHEDULE)

DRIP SYSTEM FLUSH PLUG OUTLET (SEE DETAIL) ELECTRIC SOLID STATE CONTROLLER, RAIMASTER RIME SENTAR II-SIZE AS NOTES ON PLANS.
PROVIDE WITH HEAVY DUTY LIGHTNING/SURGE PROTECTION.

WIRING AND ELECTRICAL CONDUIT (SCHEDULE 80, GRAY) FOR CONTROLLER POWER SERVICE CONNECTION.

ALL IRRIGATION VALVE BOXES TO BE CARSON/BROCKS AMETER OR EQUAL BOLT DOWN UD MODELS (TAN COLOR IN GRANITE AREAS, GREEN IN TURF AREAS, (SEE DETAILS AND NOTES), PROVIDE STABILESS STEEL BOLTS.

WHERE PIPING AND WIRING INSTALLATIONS ARE TO BE SLEEVED, INSTALL IN SEPARATE SLEEVES. CONTRACTOR TO VERIFY A MINIMUM WATER PRESSURE OF 72 P.S.I. AT WATER SOURCE

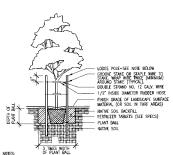




07-10

CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008 L-11

SHEET 11 OF



NOTES:

OF PLANT BALL

HEIGHT OF START BALL

HEIGHT OF START BALL

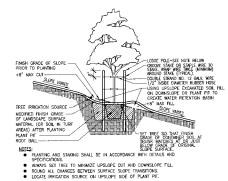
PLACED FOR MAX. SUPPORT. BOTTOM THE

PLACED HAD PRAY BETWEEN TOP THE AND CRADE. SEE TREE STARMS DETAIL.

DNLY STAKE TREES THAT HAVE PREVIOUSLY BEEN STAKED IN THE MURSERY.

STAKES SHALL BE LOCATED AND INSTALLED SO AS TO NOT CONTACT THE ROOT BALL OR DAMAGE IRRIGATION SYSTEM WHEN DRIVEN INTO POSITION.

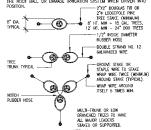
TREE PLANTING



TREE PLANTING ON SLOPE 2 IRE

NOTE:
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE NEED TO MOREASE THE QUANTITY, HEIGHT AND DIAMETER OF TREE STAKES TO PROVIDE MAXIMUM SUPPORT AND INSURE STABILITY OF ALL TREES.

STAKES SHALL BE LOCATED AND INSTALLED SO AS TO NOT CONTACT
THE ROOT BALL OR DAMAGE IRRIGATION SYSTEM WHEN DRIVEN INTO
POSITION.

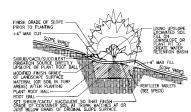


TREE STAKING DETAIL 3 IRE

FINISH GRADE OF LANDSCAPE SURFACE MATERIAL PLANT BALL FERTILIZER TABLETS (SEE SPECS) NATIVE SOIL BACKFIL SHRUB PLANTING

- PLANT SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS SOIL IN WHICH IT WAS GROWN FINISH GRADE OF LANDSCAPE SURFACE MATERIAL PLANT BALL - SCREENED NATIVE SOIL BACKFILL 3 TIMES WIDTH OF PLANT BALL

SUCCULENT AND CACTI PLANTING 5 SU

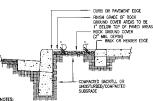


SIZE BELOW GRIDLE OF ORIGINAL SLOPE SUPPLACE.

PARTIES AND STRONG SHALL SE IN ACCIDENANCE WITH DETALS AND SPECIFICATIONS.

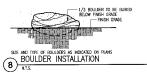
ANDARYS SET SIRRIE/FURT/SUCCULENT TO WINNAZE WESLOPE CIT AND DOWNSLOPE FALL

SOUR ALL PROMISES EN

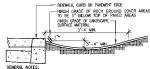


NOTES: UPINITE/PAPER SULL DE UNIDERNO TRADUCHOUT ALL FLATTNO AREAS, AND THE WORLD THE WORLD SULL DE VALET THISE GROWN. OF THE FORCES AS INCESSANY TO PROVIDE ALL TAIL AND CONTRACTOR REQUIRED TO CORPORATE WITH OTHER FORCES AS INCESSANY TO PROVIDE ALL TAIL AND CONTRACTOR REQUIRED TO MEMBER FIRST GROWN REQUIRED TO RECOVER THE CONTRACT OF THE WORLD ALL TAIL AND THE WORLD ALL TAIL AND THE WORLD THE CONTRACT OF THE WORLD ALL TAIL AND THE WORLD AND THE

FINISH GRADE ROCK GROUND COVER



- 1 1/2" SEEDED TURE OR 2" SOD TURE TURE (LAN) TREWBLED FINSH WITH 1/4" TOOLED EDGES FAMILY FOR THE TOOLED EDGES FAMILY FOR THE TOOLED FAMILY FOR THE TOOLED OF CONNECTE HEADER 2" MIN, DEPTH TOOLE GROUND COVER CONCRETE HEADER



MIRSANCE SWALES SHALL BE LOCATED BETWEEN ALL PAVEMENT EDOES AND ANY ADJACENT ELEVANCE LOADSCAPE SURFACES. PAVEMENT EDOES COVER SHALL INCLUDE GRADING / CONSTRICTION MILSANCE SWALES. 1/7 SEEDE TURY OR 2'S DURY ADJACENT FOR PAREMENT EDO.

SODDING NOTES: FINISH GRADES SHALL BE ESTABLISHED AFTER SETTLEMENT OF SUBGRADE AND IRRIGATION TRENCH BACKFILL. LAY SOD ---PARALLEL TO SLOPE(S) SLOPES STEEPER THAN 3:1 MAY REQUIRE TEMPORARY STAKING UNTIL ROOT SYSTEM IS ANCHORED APPLICABLE) ALL SOD SHALL BE THOROUGHLY ROLLED TO MAXIMIZE CONTACT -BETWEEN SOD ROOT ZONE AND SOIL. -PAVED FDGE - MINIMUM DIMENSION OF ANY PIECE OR SECTION OF SOD SHALL BE 12\* CURB OR PAVEMENT EDGE - WIDTH MAY VARY TYPICALLY 2"-0" MIN. WALK OR ----HEADER EDGE 4:1 MAX SLOPE 2" SODDING DETAIL

> SIDEWALK CHEE OR PAVEMENT FOCE FINISH GRADE OF ROCK GROUND COVER AREAS TO BE 1" BELOW TOP OF PAVED AREAS GENERAL NOTES:

NUISANCE WATER SWALE (11) NUI



Peltz, I

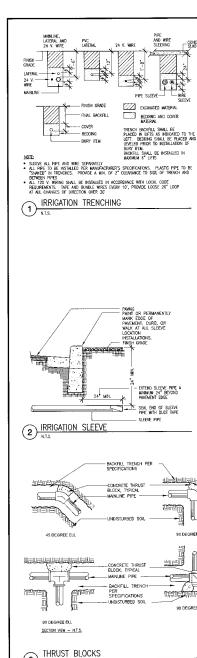
MCCIOSKey LANDSCAPE One West Eller Road Suite I Phone: (480) 858-477

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

DRAWING NO L-12 TET 12 OF

IF IMPERVIOUS SUBSURFACE CAUCHE, ROCK OR HARDPAN EXISTS BENEATH EXCAMATED PLANT PIT, CONTRACTOR SHALL COMPLETE MECESSARY REMOVAL, OR PRETENDING OF BREFORDS MATERIAL TO PROVIDE NECESSARY PLANT PIT DRAWAGE AT A MINIMUM RATE OF I INCH PER HOUR. CONTRACTOR SHALL BE RESPONSIBLE FOR VERTINAC BACELIATE PLANT PIT DRAWAGE PRIOR TO PLANT INSTALLATION.

ALL NATIVE SOIL BACKFILL WITHIN 18" OF ROOT BALL SHALL BE SCREENED TO REMOVE ALL ROCK OR OTHER NON-SOIL

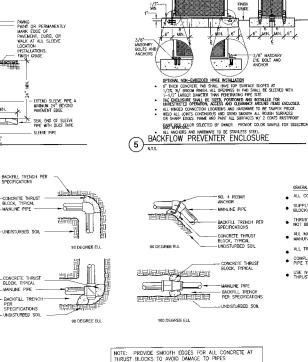


(3) IHK

PIPE AND WIRE SLEEVING

PIPE SLEEVE

BEDDING AND COVER MATERIAL



REDUCEO PRESSURE — BACKFLOW PREVENTER

6" COPPER MIPPLE-

6"x6"x6" CONCRETE THRUST BLOCKS

INVICE MUNICIPAL MONTH OF THE METALLATION REQUIREMENTS

LOCAL CODE SHALL COVERN ALL INSTALLATION REQUIREMENTS

ALL COMMECTIONS SHALL BE COPPER ON THREAZED BRASS.

COORDINATE INSTALLATION OF CONCRETE SLAW AND

BACKEROW PREVENTER ENCLOSURE CASE IF INDIVIDATED

REDUCED PRESSURE BACKFLOW PREVENTER

"1-1/2" DN. BLACK STEEL PIPE, 1"X1"X1/8" THICK STEEL-ANGLE IRON AND 1/8" THICK X 1/2" STEEL STRAP FRAME

: BON AND 1/8" I HICK X 1/2 SIEEL SI

-EMBEDDED HINGES W/ANCHOR BOLTS—
EMBEDDED U-BOLT AND HASP, INCLUDE:
SCHLAGE NO. 910 PADLOCK KEYED TO
MAINTENANCE DEPARTMENT SYSTEM.

-NO. 13 EXPANDED METAL FABRIC TOP AND SIDES

2" OR SMALLER

COPPER LINION -

COPPER NIPPLE

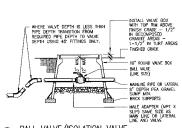
FINISH GRADE CONCRETE PAD

(LENGTH AS REO'D)

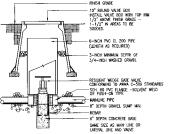
Y-STRAINER W/80 WESH SCREEN AND HOSE BIB FOR FLUSHING

PVC SLEEVES THROUGH CONCRETÉ PAD, SIZE SLEEVE 1.5 X PIPE DIA.

WHERE BACKFLOW PREVENTER IS INSTALLED WITH A CONCRETE PAD, EXTEND HARD COPPER PIPE TO 3' BEYOND EXTENT OF PAD.



BALL VALVE/ISOLATION VALVE (6) NT.S. FINISH GRADE



GENERAL NOTES

• NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL SIZE.

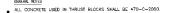
INSTALL A 4-INCH THICK CONCRETE PAD BELOW VALVE WITH NO. 4
REBAR WHEN USING PUSH ON TYPE VALVES.

RESILENT WEDGE GATE VALVE MAY HAVE EITHER MECHANICAL JOINT, PUSH-ON ENDS, OR FLANGE ENDS, THE OPERATOR IS A WRENCH NUT.

ISOLATION GATE VALVE

# (7) ISO





SUPPLY LINE 2\* IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKING, BELL AND GASKET PIPE MAY USE PIPE RESTRAINT SYSTEMS.

THRUST BLOCKS SHALL BE A MINIMUM OF 1 CUBIC FT. OF CONCRETE, PIPE SHALL NOT BE ENCASED IN CONCRETE.

ALL MAINLINES SHALL BE INSTALLED AND TESTED ACCORDING TO THE MANUFACTURER'S INSTALLATIONS SPECIFICATIONS.

ALL TRENCH DEPTH AND WIDTH SHALL BE PER THE SPECIFICATIONS/DETAILS.

COMPLETELY WRAP PLASTIC FITTINGS IN CONTACT WITH CONCRETE USING BLACK PIPE TAPE. PRIOR TO THRUST BLOCK PLACEMENT.

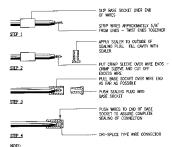
USE NO. 4 REBAR WITH MASTIC COATING WHERE PIPE MUST BE ANCHORED TO THRUST BLOCK



TO CONTROL VALVES

NOTE: LINGSCAPE IRRORATION INSTALLER IS RESPONSIBLE FOR
CORROMATING AND MAKING ALL SERVICE ACCESS AND INSTALLATION CONNECTIONS
5/8" X 8" COMPETE CLAD GROUNDING ROD SINEL DE INSTALLATION CONNECTIONS
INSTRUCIONAL
INSTRUCIONAL

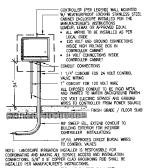
PEDESTAL MOUNTED CONTROLLER (10) PED



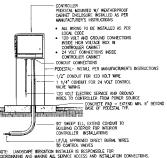
NOTE:

FOR WIRE SIZES NO. 14, 12, AND 10 - ALL CONNECTIONS IN VALVE BOXES ONLY

TYPICAL WIRE CONNECTION (8) IYH



WALL MOUNTED CONTROLLER 9 WAI



DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

> RAWING NO L-13 HEET 13 OF 21

**₫**(2) AR( Gilbert Improvement | ERA PA Details ₽ Irrigation I ≩ॅॅ

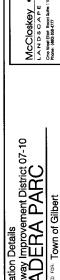
07-10

TISETO C. MICCLOSKET

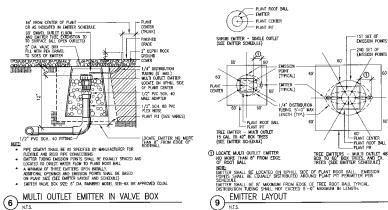
Peltz, II

MCCIOSKOY LANDSCAPE One West Elser Road Suite Prone: (480) 838-4777

۾ ۲



+ Peltz, Inc.



TREES

NUMBER OF MULTI OUTLET EMITTERS OUTLET QUANTITY = EMITTER OPH TOTAL

1 - 1 GPH = 6 GPH

SIZE

1 OR 5 GAL

EMITTER SCHEDULE

(10) Elvii I

1 - 1 GPH = 6 GPR 4 0 18"

1 - 2 GPH = 12 GPH 6 @ 24\*

2 - 2 GPH = 24 GPH 6 0 12"

2 - 2 GPH = 24 GPH 6 G 15"

1 - 2 GPH = 12 GPH 6 6 27

DISTANCE FROM TRUNK

EMITTER TYPE (G.P.H.)

.6 G.P.H. SINGLE OUTLET

1 G.P.H. SINGLE OUTLET

IST SET OF EMISSION POINTS

3 0 12

2ND SET OF EMISSION POINTS

5 @ 45"

6 @ 48

TREE SIZE 4"-6" SHRUBS AND GROUND COVER - PLANT CENTER 15 GAL. 30" BOX 1 - 1 GPH = 6 GPH 6 6 21 36" BOX 2\* DEPTH ROCK
 GROUND
 COVER 42" BOX 48" BOX 54" BOX EX. LG. TREES 2 - 2 GPH = 24 GPH 6 6 18" EX. TREES IN TURF 1 - 2 CPH = 12 GPH 6 6 24" 1/2\* SCH. 80 PVC EX. F. PALM 1 - 2 GPH = 12 GPH 6 6 24" - ROOT BALL - PLANT PIT SHRUBS PLANT ANGELITA DAISY, KATIE'S RUELLIA, RAIN LILY, AND PEINSTEMON - 1/2 PWC SCHL 40 45 ELL - 1/2" PVC CL 315 PIPE -- 1/2" PVC SCH. 40 FTTRING ALL OTHER SHRUBS, GROUND COVER, AND ACCENTS

NOUE:

90' ELL MAY BE USED IN LIEU OF 45' IF PLANTER WIDTH IS LESS THAN
REQUIRED FOR 45'

PIPE COBENT SHALL BE AS SPECIFED BY MANUFACTURER FOR ALL PIPE CONNECTIONS.

7 SINGLE OUTLET EMITTER

6" ROUND VALVE BOX - FINISHED GRADE -3/4" HOSE THREAD END CAP - 3/4" ø – PVC NIPPLE. LENGTH AS REQUIRED 3/4" ø - 90" ELL 8" DEPTH GRAVEL SUMP MIN.

DRIP SYSTEM FLUSH PLUG

FOR CL. 315 (1/2" SIZE) AND CL. 200 PVC (3/4" AND LARGER) FOR SCH. 40 PVC PIPE SIZE FLOW (GPM) FLOW (GPM) 0-4 4-8 8-13 13-22 22-30 30-50 50-70 70-120 120-200 0-5 5-10 10-15 15-25 25-35 35-55 55-80 80-120 120-200 3/4 1-1/4 2 2-1/2 3

ALL VALVE BOXES TO BE CARSON/BROOKS, AMETEK, OR BOWA.

ALL LATERAL PRE TO BE CLASS 200 PM: 1/2 DRIP SUBLATERAL — CL. 315 PMC).

MARCILLE PRET TO BE SUBSCILLE 40 PMC SOLVERT WELD)— LESS THAN 3\*

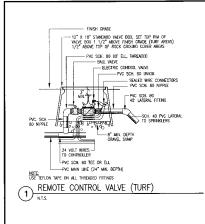
MARCILLES 200 PMC (RING-TIBE)— 3\* MAD GRASS 200 PMC (RING-TIBE)— 3\*\* MAD GRASS 200 PMC (RING-TI

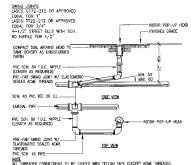
PIPE SCHEDULE (11)

A<sup>sg</sup> Irrigation

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

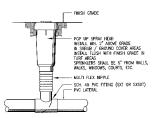
> RAWING NO. \_-14 HEET\_14





NOTE
ALL THREADED CONNECTIONS TO BE COATED WITH TEFLON TAPE (EXCEPT ACME THREADS)
OFFSET IS RIGHT ON LATERAL SO THAT ALL FITTINGS TICHTEN WHEN FORCE IS APPLIED. ALL HEADS SHALL BE 6" MIN. FROM WALLS, HEADERS, OR OTHER PAVED SURFACES.

ROTOR HEAD W/ SWING JOINT



NOTE: ADJUSTABLE ARC NOZZLES SHALL BE USED WHERE EDGES CURVE OR BEND. CONTRACTOR TO ADJUST ALL HEADS AFTER TURF IS ESTABLISHED

(3) POP UP SPRAY HEAD

QUICK COUPLER VALVE

24 VOLT WIRES -PRESSURE REGULATOR-PVC SCH 80 T.O.E. NIPPLE 1
PVC COUPLINGS PVC LATERAL TO EMITTERS — PVC SCH. 80 TEE OR EU - PVC MAIN LINE (18" MIN. DEPTH) RIGHT SIDE VIEW LEFT SIDE VIEW EMITTER VALVE MANIFOLD

WYE STRAINER -ANGLE FOR CLEARANCE FROM VALVE BOX

-JUMBO VALVE BOX

-WYE STRAINER

THREADED ADAPTERS

TO DRIP

EMITTER VALVE MANIFOLD - TOP VIEW

ONE JUMBO VALVE BOX, SET TOP RIM OF VALVE BOX 1/2" ABOVE FINISH GRADE IN ROCK GROUND COVER AREAS

PVC SCH. 80 90" ELL, THREADED

- ELECTRIC CONTROL VALVE

PVC SCH. 80 UNION

-PVC SCH 80 NIPPLE

--- SEALED WIRE CONNECTORS

CONTROL BALL-

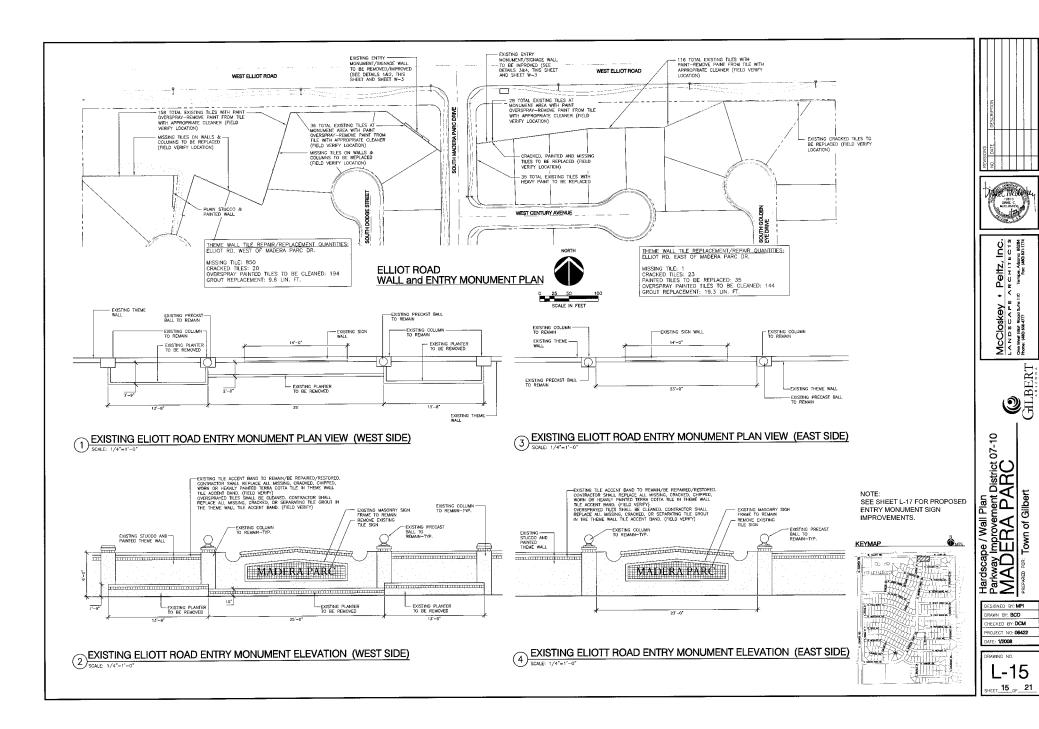
24" LONG, #4 REBAR STAKE SECURE IN -2 PLACES WITH MIN 2 SCREW CLAMPS -INSTALL VALVE BOX WITH TOP RIM ABOVE FINISH GRADE - 1/2" IN BOCK GROUND COVER AREAS: 1 1/2" IN TURF AREAS. FINISHED GRADE ----QUICK COUPLER VALVE COMPACT SOIL AROUND Q.C.V. TO SAME -DENSITY AS UNDISTURBED EARTH PRE-FAB SWING JOINT W/ ELASTOMERIC SEALED ACME THREADS PVC SCH, 80 T.O.E. NIPPLE ~ (LENGTH AS REQUIRED) TOP VIEW PRE-FAB SWING JOINT W/ ELASTONERIC SEALED ACME THREADS SWING JOINTS: LASCO G172-212 OR APPROVED EQUAL FOR 1° LASCO T722-212 OR APPROVED PVC SCH. 40 PIPE -8" DEPTH GRAVEL SUMP MIN.

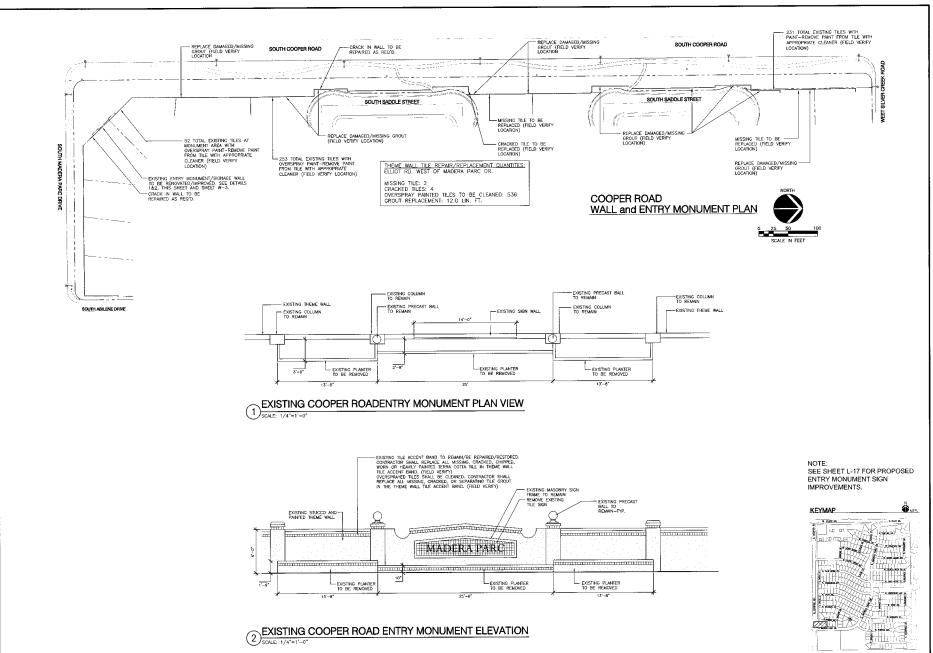
NOTE
ALL THREADED CONNECTIONS TO BE COATED WITH TEFLON TAPE (EXCEPT ACME THREADS).
OFFSET IS RICHT ON MAIN SO THAT ALL FITTINGS DIGHTEN WHEN FORCE IS APPLIED.
CAUTION, DURING INSTALLATION OF REBAR DO NOT DAMAGE OR PUNCTURE ANY PIPRING

- Install valve box with top rim above finish grade --1/2" in decomposed granite areas -- 1 1/2" in turk areas

EQUAL FOR 3/4" 4-1/2" STREET ELLS WITH SCH. 80 NEPPLE FOR 1/2" 10" ROUND VALVE BOX -

(8)







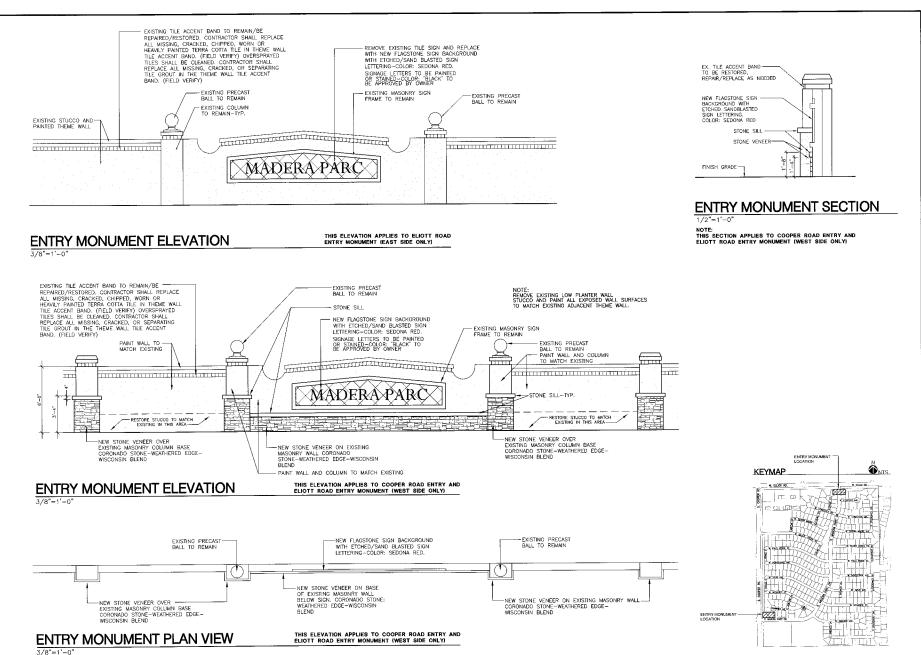


Peltz, Inc. ₹ ₽ MCCloskey
LANDSCAPE
One West Blot Rood Suffe 119
Prove: (487) 839-4777

Hardscape / Wall Plan
Parkway Improvement District 07-10
MADERA PARC Town of Gilbert

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

DRAWING NO. L-16 HEET 16 OF 21



REVISIONS NO. DATE DESCRIPTION



MCCloskey + Peltz, Inc.
LANDSCAPE ARCHITECTS
Converted Roadshold Inc.
The According According to the Accordi

GILBERT

07-10

Entry Signage Plan
Parkway Improvement District 0
MADERA PARC
MADERA PARC
MADERA PARC

DESIGNED BY: MPI
DRAWN BY: BCD
CHECKED BY: DCM
PROJECT NO: 06422
DATE: 1/2008

L-17

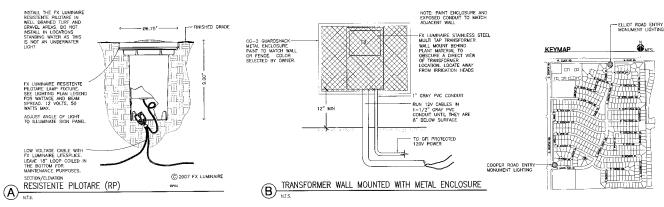
## ENTRY MONUMENT TYPICAL PLAN VIEW

SIGN LIGHTING IN 2 LOCATIONS ONLY 1. COOPER ROAD

2. ELLIOT ROAD WEST SIDE

NO LIGHTING INCLUDED FOR PHASE 1 ELLIOT ROAD EAST SIDE

## **LOW VOLTAGE LIGHTING DETAILS**



## LOW VOLTAGE LIGHTING LEGEND

MANUFACTURER NOTES SYM.

LOW VOLTAGE LIGHTING

RP-35-LV-CB SIGN LIGHT - WIDE BEAM EX LUMINAIRE m FY LUMINAIRE PX-300-TPC

☐ GUARDSHACK CG-2 OR APPROVED EQUAL

UNLESS OTHERWISE NOTED, ALL LIGHTS TO HAVE BRONZE FINISH TYP.

NOTE: PROVIDE PLANT MATERIAL TO SCREEN THE TRANSFORMER FROM VIEW-TYP.

## **LOW VOLTAGE LIGHTING NOTES**

#### GENERAL

GENERAL Scope of Work: The supply and installation of a 12 volt landscape lighting system which includes the futures specified on Lighting Legend as well as the installation of low voltage transmerres, conduct, and direct buried cobe as necessary to complete the leyout shown on plans. Lighting prime of core recessary to complete when leyout shown on plans. Lighting prime of core responsible for necessary line (120v) and low voltage (12v) work to complete the lighting design as shown.

Standards: All work performed is to comply with the National Electric Code and applicable local codes and ordinances. Contractor shall possess all necessary licenses to complete the described work. Contractor is to obtain all necessary permits to complete work described.

#### INSTALLATION

Contractor is to verify site measurements, grades, existing sleeves, existing plant locations, and existing utilities, equipment and switching controls. Contractor is to provide all necessary components and accessories to complete installation as specified.

- 1. Direct Burial Coble: Coble shown on plans is for fixture grouping only. Coble to be circuited and sized to provide a minimum of 10.3 volts and a maximum of 10.3 volts and a maximum of 10.3 volts and a maximum or the collection of the collectio
- Fixture location: Verify exact location with Landscape Architect or Owner's agent before commercing installation. All fixtures shall be in a new, unused condition. Equipment shall be the type specified there will have been approximately approximately approximately approximately Chemical opent. Install all equipment as per manufacturer's specifications and details.
- 3. Transformers: Shall be FX Luminoire stainless steel Multi-Top sized to be 80% loaded. Transformers to be installed inconspicuously using plant moteral or shall reduce to cheaver a direct view of their local reduction of the following plant of their local plant of their local
- 4. Switches: Contractor shall install switches at locations indicated on plan 5. Testing: Contractor is to coordinate a convenient time in the evening to test and aim all equipment to the satisfaction of the Landscope Architect or Owner's agent.
- Guarantee: Upon completion and acceptance of the described work, the Contractor shall provide a guarantee for all workmanship and equipment for the period of one year from the date of acceptance. All workanty service work shall be performed at no cost to Owner and be done in a timely fastina.

As Built: Contractor will provide Owner with complete and reproducable drawing of the system layout as it was actually installed. This drawing should include the location of underground cable, sleeves, and all fixtures and equipment.

FX LUMINAIRE CONTACT: GREG REDLAWSK

FAX: 1-858-535-1234
EMAIL: greg@fxl.com

ALL LOW VOLTAGE LIGHTING SHALL BE ON AN AUTOMATIC TIMER AND SHALL BE EXTINGUISHED BETWEEN THE HOURS OF MIDNIGHT AND

ELECTRICAL METER/ POWER SOURCE IS EXISTING, FIELD VERIFY.



Peltz, MCCloskey
LANDSCAPE
One West Ellot Road Sulfe )



Gilbert

Town of (

07-10 ĒΟ AR( Low Voltage Lighting Parkway Improvement D MADERA PA

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

DRAWING NO. L-18 HEET 18 OF 21

#### PLANTING SPECIFICATIONS

- PART 1 GENERAL

  A loss Section Heren The wesk of this Section shall include oil bloor, projection, equipment and services appearant to furnish and introl oil brobscope picture inheritable including tests, shallow, when, spread cover on entire properties of the section of the control of
  - JOSEAN DESCRIPTION OF THE GREEK SHALL BE MADE WHILL WRITER OUTDITION OF THE CAPACE REpresentative & Town of Cellect
    2. Proves of blade, other than those inclinates on the part size all the proprietable greek as the property of the company of the
- MANUAL SEASON.

  A position of the state of the season of t
- the stages the inflamediation, much instruction in expense to varie specified in the specified in the plant, printed and contracts of the specified in the plant, printed and contracts of their instruction and printing the specified in the plant let, but of plants, printed and contracts of their instruction dependency of the specified in the plant let, printing the specified in the plants of the specified in the plants of the specified instruction, produced using, scales, and otherwise of all plants of the specified instruction. Specified instructions are specified in the size (from both item and planting create) and for each source of imported typosol (are populated) and the statest of projections utability and for printing-frequency and contactions in studies as directed by the opposition of the statest of projections utability and for printing-frequency and contactions in studies as directed by the
- (v)) and to leasted for approximation was consistent or the primary transcensor of the first public to provide the property of the property
- recommensations on tips and country of address required to address in addression of indirectory fit fector and whitely addression for property of the property
- Submittals

  1. Submit quality certificates on plant materials so specified herein.

  2. Seed

- Seed. Frestizer / Soil Amendment intelerate.

  [Recomposed synthms of other one state of the seed type.

  [Recomposed synthms or other one state of the seed type.

  [Recomposed synthms or other other of the seed o
- Pre-Construction Conference The Quiner's Representative may schedule a pre-construction conference with Contractor at least 7 days before beginning work under this Section. Purpose of this conference is to review questions Contractor may have regarding the work, indiministrative decondures during construction and project work schedule.
- Symptos and Tasts. The Dwny's Representative reserves the digit to obtain and analyze paraples of malerials for conformity to specifications of day time. Contractor shall furnish samples upon request. Rejected materials shall be immediately removed from the site and replaced at the Contractor's expense. Cost of testing of indefinities shall be post by the Contractor.
- Permits and Fees Obtain all permits and pay required fees to any Covernmental Agency having jurisdiction over the work. Arrange inspections required by local agencies and ordinances during the course of construction as required.
- Requisitory Agency Requirements Comply with Local, State, and Federal requirements governing starting, handling, and applying Herbicides, Pesticides, that Insectionities.
- Product Delivery, Storger, and Handling Deliver feetlizer in criginal, unopened containers, each bearing manufacturer's genronleed containing traces from the state of the s
- Special contents of the Conten Planting Sevens - Unless otherwise approved, planting permitted during only period, except hase prohibited by unforcable weather. No planting stating occur or will be permitted during weather conditions which will ofversely affect materials, nor will it be permitted when soil is in muddy
- M. Seeding Season Summer lawn shall be seeded from April 1 to September 1 whon ground temperature is above 60 degrees.

### PART 2 - MATERIAL STANDARDS

- Basis of Biscina. The following organic omendments, soil amendments, and fertilizers are for bidding purposes only. Specific amendments, and fertilizers will be destinated offer site soil samples are tested and amendment recommendations made per sails report as specified in Part 1 D. Quality Assurance 4. Soil lestion above.
- Organic Soil Amendment shall be stabilized, fortified, treated (nitralized) wood products with no more than one (1) percent after treatment: fir milich, piece mulch, or redwood mulch.
- C. Sand: "Root zone" sand as available from Pioneer Sand Company, or approved equal.
- Soil informationals.

  1. Soil Suffer: Agricultural grade water satuble sulfur containing a minimum of 80% sulfur expressed as elemental, Dispersul of approved equal.

  2. Gaissum: Agricultural grade water satuble sulfur containing a minimum of 85% colcium sulfate by volume.
- 2. Oppositiv regional options greatly produced by interfacing the change in the change of managed managed managed managed for the Conference of the Confe
- Plant Materials
  - Methods by the country partiest broken the helds and growth which is normal for the species count, giovoron, healthy, (vie from peoch, plants that is quality partiest broken the held of the property of the people of the people of the power of the people of the p

  - Nonexecuture, or shall be names generally occupied by the trade. Setter, dis, transport, protect one global in occordinge with the requirements of these specifications and "American Standards for Marsery Stack" and occupied good practice. All feed, state, and lederal leves perforing to the inspection, sale, and shipment of plant materials shall be completed with
- and coupled youth procise. We feed admit not before less perioding to the inspection, admit not design and the compared and the compared and the control of the compared and the control of the compared and the control of the control
- The difference of the control of the
- Tookifier shall consist of organic mucloid liquid concentrate diluted with water and a psyllium base containing no agents tank to seed germination the addition of fertilizer to the surry max shall not change the properties of the tookifier. When applied, the tookifier shall form a transpurent crust aurmedia by water and as
- K. Water Free of oil, acid, salts, or other substance harmful to seed growth.
- Concrete header As noted and detailed on drawings

#### PART 3 - SOIL PREPARATION

- Topsoil Topsoil it required, shall be screened, fortile, froble soil from well—shaded crabb land, first from not space, froble node, provided and the state of the state of
- B. Planding Sci. Plant jud bodds for the search of the second to the s

- Perspers Sq. Remove rocks, weeds, atticks, rocks, debris, and extronous motter over 1° in any dimension from area to be plonted and dispose of all in a legal momen. Uniformly and thorously incorporate americants or incommended by soin betting to a depth of 0° professional control of the con

#### PART 4 - EXECUTION

- NI 4 EXECUTION
  Contain Very him final greaters, as 2,01.6 for its elevation how been established prior to commercial inducionity specificises. Also rife contains the property of the prop
- Definition of the property of the power of the property of the plant Removal Operations Remove any existing trees or shrubs not to remain according to the Planting Plans, to a depth necessary to permit proper planting or leveling according to Drawings and as specified. This will include stump removal or grinding as required, all debris to be completely remove from site and disposed of property.
- Lyoust Owner's Representative, will check the stateout of all planting areas prior to the start of infigation system installation. Minor relocative of planting areas or other modifications shall be done of this time to mod utility lines or imperatous or set soil conclusion. Place admitted to least 20 from foundations, while, and waits for protection of the stem waits and as much further as character of growth demands.
- The Distinger The dronger plant has an expectation of the State and was contact for great the distinct country in the state of the State and the State and

- places for the printings rowy to elected only with the approved of the Owner's Representative.

  Whether Content to Dear stand and all members content to go under the description composition will occur not style it is as day of adult will be be described to the content of the
- Planter Circulary.

  A Code off planting areas to a smooth, even, and uniform plane with no obrupt changes to surface. Remove all weeks including Bermuda grass, Johnson grass, and nut grass and dispose of off-site in a legal deposal area. by the planting areas to accepting float evider for even distinguishman of regularly professional profess

#### PART 5 - LAWN PLANTING AND RESTORATION

- Core of Requirements.

  Description. Description coupling rejection of water in but oness for more than 24 hours shall be brought to the otherline at the Owene's 2.

  Pringer Soil Fernice; roles, weeks, definis 1 in dometer owl greater from ones to be seeded and dispose off-side. Week up as 20 to a depth of 1 is and 5 miles of all class. Soil gips of cores as societies—receptor excepts, and particles shall be 1,1/2 place norms, weeks, or place of 1 is and 5 miles. The prince is a second of 1 is a second of 1 is a second of 1 in the second
- water feet over all term careally, this sure and is level and instruction of the secting shell be installation of the execution of the secting shell be a seed of the section of the secti
  - equapment. Step 2. Sturry mix of 125 lbs./ocre tackifier, 1300 lbs./ocre of waad fiber mulch, and water shall be mixed in a hydromulcher applied by hydrotulically spraying over the seeded
- Sing 2. July mix of 128 by cree teaching, 1300 by lores of model filter muchs, one week rath be mixed in a hydroconcher depole by hydrocolcular people by hydrocolcular people
- indication (i) stricts have if cut office from dissingly Caused by in wave, present, and experient common engaging in and clowed. Their preferations with the common common common common common engaging experience.

  1. Lay Sec. \_ Areal laying and on bone day said, damage on required, lay first attig of and other days on strongly large (ii) and common common

- Restoration / Reconditioning of Existing Turf Areas:

  1. Provice a cold test in opining but erect of levels one month prior to septing, a proper scall testing procedure. The test results will be determine one and considering testing and confidence from the scale of procedures for scall improvement of the existing part areas. Scall orientatives to be odded on per the scal test recommendations, cost of testing and any necessary materials and labor for the above procedure shall be paid by the Confloator. Cultivate bare and compacted great thoroughly.

  - Contractor to provide Core Aeration of all existing turf areas noted for restoration, follow all proper procedures for the core genetian process All equipment labor and materials to be provided by the Contractor.
  - All equipment topor one materials to be provided by the Controvers.

    Removed despected or unavailateletory lown cross. Do not bury titled soil.

    5. Any low spots (dips or hote) to be filled in with an appropriate sail and sond mixture to return areas to a smooth and level grade.

    6. Follow seeding procedures as in part B (installation of seed) down for proper seeding of existing turf areas to be restored.

#### PART 6 - ROCK GROUND COVER/WEED CONTROL

- Weed Costrol The applicator of all weed control materials shall be licensed by the State of Arizona as a pest control operator in addition to halding any Subcontractor icense that is required. Pre-emergent weed control. Surfam, or equal. Contact herticide: Roundium or equal.

- Placing Growte

  1. Decomposed growte shall be installed in all par spiriting areas, priest obtaines told on gote. See alone for because in price and price and price areas and price and price and price areas and price and price areas and price and price and price areas and price and pri

#### PART 7 - CLEANUP, MAINTENANCE, AND GUARANTEE

- Cleanup Keep all areas of the project in a clean nest and orderly occation at all times, Trash burning and disposal shall not be done on the side. Prior to acceptance put all areas of the work in a finished condition acceptable to the Owner's Representative.

- Continuous maintain al landaceas areas includes in the contract during the progress of the work, unlife in the contract during the progress of the work, unlife in the contract during the progress of the work, unlife in the contract of impairing, fertilizing, weeking, propries, promising, restricting, entitled prints, the prints of all resident one other moderations received the progress of the progress such as reproduct, report of all residents, and resection or residence of remaining the entitled in such contractions of the progress such as reproduct, report of all residents, and resection of residents of the progress of the prog

- here y feet in deminder, which fail to since a good deared of years, shall be revenued our registrated until the descriptions between the confection of the

- C. Moreover, an extraction of a missen occupation to in colors in several process. The colors of the

- Notify Owner's Representative seven (7) days prior to the end of the warranty period that final inspection is requested. The Owner's Representative will make notice of any items not acceptable or requiring correction and such corrections shall be made immediately.
- D. Plant Loss and Replacement At no additional cost to the Owner, replace plant material not surviving or in poor condition. Perform replanting immediately, and in accretions with these specifications. Modelection-pharmetry period may be extended for foliute to perform remodest work.





Peltz, Inc

1cCloskey
A N D S C A P E

e West Ellot Road Suffe 1

ne: (480) 838-4777 Z See



07-10 ざこ AR AR Specifications | Specif ₽ Planting S Parkway Ir MADE

DESIGNED BY: MPI DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 06422 DATE: 1/2008

DRAWING NO L-19 ... 19 ne

#### IRRIGATION SPECIFICATIONS

#### PART 1 - GENERAL

- Work Specified Heren The work of this Section shall include all labor, molesteds, equipment and services excessive to furnish and install a complete backcope irrigation system including:

  2. Complete system including but on limited to pray, bedafine presenter cosmobiles, valves, fettings, heads, concluder and wiring, and final objustments to insure complete coverage.

  When and electrical service commendations.

- - futices.

    To change from the design shall be made without written authorization from the Owner's Representative and Yown of Gilbert.

    Experience specified is to establish performance and quality standard and shall be understood to include the words, or agreed equal. May proposed equalities that late reviewed for approval by Owner's Representables prior to before,
- the William or upperced your, you have

  Co. Durly Moure presentable print to beliefung.

  1. Porform oil with in occordance with registerments of this Centrod. MMG Standard Specifications, Town of Gibert

  2. Standard of the Control Control Control

  2. Standard of the Control Control

  3. Marcan Southy for Festing and Methods (SSSI) Specifications and Test Methods specifically

  3. Indexentines tuborologies (IL) U. Wires and Cabita

  4. Specification in Control

  5. Specification of Control

  6. Specificati
- D. Pre-Construction Conference The Owner's Representative may subdelle a pre-construction conference in the Owner's Representative may subdelle a pre-construction or conference with conference in the conference conference

- scholdar. Prepore and make sabmittel of the following:

  1. Submit 5 sets Soop Drawings and compiler materials list indicating monatocturer, model number(s), size(s), and description of of medicins and equipment to be used on the project. Show appropriat differenties and equipment and expense of extraordinal descriptions of medicinal expenses of extraordinal descriptions of the South Record Develops. Control in expensions for recording and dimensioning all desictions from
- As Bull Record Drawings. Committee in Important Properties of the Controller De and property plans.

  Centraler Ontal indicating areas of coverage for each station on each Controller. De and property Drawing Committee Controller Drawing Representations of Committee C
- Delivery, Storage, and Irendian Deliver, unload, stora, and houles notation by proteining substitute products in dry weatherproof, selection contillants are recommended to the control of the control

- temporative referrents, tire, or job size dualitys. Section 2015 100 Conference of the Conference of t
- Warranly / Dournate Manufacturer shall warranly materials against defects for a partial of one year from date of Sabasteld Completion. Controder shall approximate workmanship for similar period. Controder shall be a substantial of the property of the p

- Minimum system, one notify these, in writing of any solvied changes.

  Maintenance Continuously monition the irrigation system includes in the contract during the progress of the work, with final consprisor of the work, within the consprisor of the work, which includes a construction of consists to assure a complete and operational system and complete 100% coverage for will print includio and own areas.

- Extra Stack In addition to the installed system furnish the following items to the Cener:

  1. 2 pop up sprey heads and rolar heads of each type used

  2. 5 drip emitters and or bubblers of each type used

  3. Two ventches for disassemity and adjusting of each type of sprinkler head and volve supplied.

  4. Two keys to each of the Controllers.

#### PART 2 - PRODUCTS

- Copper Pipe and Filtings Copper pipe shall meet applicable specifications of ASTM B-88 hard tempered copper tubing. Copper pipe fittings shall be 150 pound working water pressure standard, solder end type, constructed of wrought copper, branze, or breast. Joints shall be made with this lead solder approximately 95-5 compositions.
- Plastic Pipe and Fittings The pipe shall be homogeneous throughout and free from cracks, holes, foreign
- Pedict Piece and Filtips; The pipe shall be homogeneous throughout and free from crocks, holes, foreign marterials, billiers, destreams withinks; and debts.

  1. Preserve Supply lites deventionen from bootfore prevention units Schedule 40 PPC (2-1/2" on smallers solvent well).

  1. Preserve Supply lites deventionen from bootfore prevention units Schedule 40 PPC (2-1/2" on smallers solvent well).

  3. All pipe to be identified with the follawing includes mortioner. Manufacturer's norm. Noming Pipe Stor.

  3. All pipe to be identified with the follawing includes mortioner. Manufacturer in norm. Noming Pipe Stor.

  3. All pipe to be identified with the follawing includes mortioner. Manufacturer in conscious explaints. The solvent well of pipe and one of the depth of the solvent with the solvent w

- Reduced Pressure Vacuum Breaker Size and type as shown on drawings.

- Producted Pressure Vectorial review Size and type of above to illustrate product pressure Vectorial review and the product pressure and the product pressure and the product pressure and the product pressure and designation, and the some emoulations and the product pressure and designation, and the product pressure and designation, and the product pressure and designation and the pressure pressure and designation and the pressure and designation and desi

- E. Whe Boses Corner, D'ovois, Armeté or soud.

  1. All obviens, pier devier, cupil complex qu'il explice (après de principal de la control séring sploes, control voives, and dép value assembles shall be installed in value boses as album an d'ovier;

  2. Value boses to be installed with bot d'omni des of sérindes settle arbumber. Boses in furfi-green, boxes in D.G. cerca-ton.
- F. Controller Size and type as shown on drowings, installed in accordance with the details and manufacturer's directions and in conformance with predicable local code requirements. Provide controller with lockable outdoor cobinet
- C. Electrical Control William

  1. Low Voltage

  1. Low Voltage
- H. Electric Remate Control Valves (Turf.) Type, size as shown on drawings.
- Sprindder Heads As indicated on drawings. Fabricate riser units in accordance with details on drawings with riser nipples of some size as riser opening in sprinkler body.

#### PART 3 - EXECUTION

- A inspection

  Counties are set confident under which work of this section is to be performed. Do not proceed with
  werk until availablectory conditions have been corrected.

  Glossing operations with the operation of final spacing shall be completed and opposed by Oweni's
  Representation before states or inhelitions of our impaction system begins.

- B. Preportion
   mark with newletce list or marking point, multing of pressure supply line and fleg hoods and
  1. Story and the control of the
  - 1. Fiping smaller than 3 inches trenches shall have a minimum wialth of 7 inches.
    2. Provide not less than 6 inches of clearance between each line, and not less than 12 inches of clearance between lines of other trades
    3. Fipe and wire depth as shown on detail on drawings.
- 4. Crating Impactor Removel-Used schemis ander on impation plans, all existing of your or cover good impactor components to the impactor components to the plans of cover good impactor components to the plans of the components of the components to the plans of the components to the components to the components to the components to the components below groat (piping) to be detected as if plans of the components below groat (piping) to be detected in place, unless disturbed during new constitutions. Remove and offspore as necessary.

- C installation

  Lock of the suppress on new or smaller to locations designated on drowings. Desictions shall be approved lock on the suppress of the small process of supersectation prior to installation.

  1 Por Dering Social point in tenth ca much as possible to allow for expension and construction. Do not not continue to the supersectation of the
  - The lest shall be personned on the various wave to the lest shall be personned on the lest shall be a Moke all filting connections per manufacturer recommendations and as detailed and shown on drawing.

    b. Install drip line flust cape at all dead ends of drip laterals.
- b. Itselfall may are some copy on or ever work or now processors. According Control assembly shall be used where passible, abstract assembly ase

  - to the controller location shown on pinn. Fleid verify bocolon and coordinate with destriction controller.

    Control Winning

    Bury control winning between controller and detective valves in pressure supply line translates, activing as close and possible to pressure supply line valves with winn consistently booted below and to one side to be controlled to the controlled t

  - b. Lobel spore wires of controller and wire table box. Wire color for cutta wire to be green.

     Bedric Control Viewe Intellia cross banded. 7 mile better ficials great where them on developing and as detailed. When grouped together, after of less if it is better view to box ideas. Install each remote control valve in a separate valve from Landta flap of view be not? 27 ober finish grods.

     To Dry Valve Resemblies bendet drip valve constribly as debted.

     To Dry Valve Resemblies bendet drip valve constribly as debted.

     Install one valve box for each type of voice installed as detailed.

     Install one valve box for each type of voice installed as detailed.

     Invalve Construction are of consistent.

     Install one valve box for each type of voice installed as detailed.

     Invalve box electricons are to decorption.

     Invalve to extension are to decorption.

     Provide and to the control of green inside valve to be to the twee to box filter and the tables set debt and valueties are sequined.

     Provide afficient decorates inside valve boxes to properly operate and minitian irripation system component boxes.
- 10. Spridber brodgerier bestis where designated on drealing or where stated. Spooting of heads shall not exceed the monitorium folicitation do dreading unless restated as directed by Diserci's Representation, in no case adout the apopular content do the renormalised by the manufacturar. Contractor in responsible for providing complete 100% head to hand covering the content of th

- b. Set plumb to finish grode or detailed. Froridal house on rises as debtold. Adjust heads to correct height offer seed is selectioned. See each present about 10 offers and in the seed of the see
  - is not suitable for posterii il esconsioni martine il monte den 48 hours. Open excovolicina stati professioni post professioni professioni

- 12. Piping and wining under priving to be installed in separate sievess. Localism, sizes, and condition of existing as alleled gis and insome. Confractors will be received by provide all serving regaled to complete work under the contract to the received by provide and serving regaled to complete work under the contract to provide and contract to the contract to provide under the contract to provide under the contract to provide upon cont

#### D. Field Quality Control

- welfy bootlots, size, considers, and proper operation prior to start of construction. Notly Useria's representative conditions declined to be principles of extending the content.

  Field Oscilly Control

  1. Plusting offer pipies risers, and values are in piace and consented tall grif as institution in the pipe of th





Tembe, Artzona 85284 Fax: (480) 831-1774 Per I ∢ ∘ MCCloskey
LANDSCAPE
One West Blot Road Suffe 111
Phone: (480) 888-4777

© GILBERT

07-Right Specifications Improvement Dis ERA PAF Gilbert ₽ Irrigation S Parkway Ir MADE

2

DRAWN BY: BCD CHECKED BY: DCM PROJECT NO: 08422 DATE: 1/2008

DRAWING NO. L-20 HEET **20** NE