

PLANTING NOTES

L. LANDSCAPE BIDS MUST BE IN A DETAILED UNIT PRICE FORMAT SHOWING LANDSAFE DIDS MUST DE IN A DEFAILED UNIT FRICE FUXANIS STOWING COST BREAKDOWN OF ALL LANDSCAFE LEMENTS. ANY ELEMENT MAY BE ADDED OR DELETED BY THE LANDSCAFE ARCHITECT OR OWNER. CONTRACTOR COMPENSATION WILL BE ADJUSTED ACCORDING TO THE UNIT PRICE BIDS. ANY SUBSTITUTION MUST BE BY LANDSCAFE ARCHITECT APROVAL. LANDSCAFE ARCHITECT OR OWNER WITHOUT JUSTIFICATION MAY DISALLOW BIDS AND SELECT CONTRACTOR REGARDLESS OF BID FIGURES. THE SELECTED CONTRACTOR MUST CONTACT THE OWNER'S CONSTRUCTION REPRESENTATIVE BEFORE BEGINNING CONSTRUCTION TO SCHEDULE A PRE CONSTRUCTION DE ONE DESIGNING CONCENCION TO SENDEDUE AT RECONSTRUCTION MEETING. CONTRACTOR OR SUBCONTRACTORS PARTICIPATION IN CONSTRUCTION OF THIS PLAN MUST BE LICENSED BY THE STATE OF UTAH FOR THE TYPE OF WORK BEING PERFORMED.

2. CODES, LAWS, REGULATIONS, AND PERMITS BY FEDERAL, STATE, COUNTY AND CITY AGENCIES FOR DESIGN CONCEPT, MATERIALS AND WORKMANSHIP MUST BE RESEARCHED AND SATISFIED BY THE CONTRACTOR. REPORT ANY PROBLEMS OR REQUIREMENTS TO THE LANDSCAPE ARCHITECT. THE CONTRACTOR MUST VERIFY THE REGULATIONS FOR AND SECURE ANY THE CONTRACTOR MUST VERIFY THE REGULATIONS FOR AND SECURE ANY PRMITS BEFORE BEGINNING CONSTRUCTION. THE COST FOR THE PERMIT PEES MAY BE SUBMITTED TO THE OWNER FOR REIMBURSEMENT. CALL BLUE STAKES AND REFER TO DRAINAGE AND CIVIL PLANS BEFORE ANY TRENCHING OR ECCAVATION.

3. CONSTRUCTION SAFETY AND CLEANUP MUST MEET OSHA STANDARDS AT ALL TIMES, ALL CONTRACTORS MUST HAVE ADEQUATE LIABILITY, PERSONNEL INJURY AND PROPERTY DAMAGE INSURANCE, CLEAN UP MUST BE PERFORMED DAILY, AND ALL HARDSCAPE ELEMENTS MUST BE WASHED FREE OF DIRT AND MUD ON FINAL CLEAN UP. CONSTRUCTION MUST OCCUR IN A

4. LANDSCAPE PLANS AND DETAIL DRAWINGS ARE SCHEMATIC ONLY, DISCREPANCIES MAY EXIST, INCLUDING BUT NOT LIMITED TO BUILDING LOCATION, PROPERTY LINES, ANY DIMENSIONS SPECIFIED OR IMPLIED. THE CONTRACTOR WILL BE REQUIRED TO ADJUST PLANS AS INCLESSARY TO RETAIN CONCEPT INTEGRITY, CONTACT LANDSCAPE ARCHITECT IF DISCREPANCIES EXIST

5. PLANT MATERIAL EXCAVATION. CALL BLUE STAKE AND MAKE REFERENCE TO DRAINAGE AND CIVIL PLANS BEFORE EXCAVATION FOR PLANT MATERIAL. ALL HOLES MUST ALLOW FOR A MINIMUM OF IVELUE (12) INCHES OF SPECIFIED PLANTING MIX BACKFILL MATERIAL ON ALL SIDES OF ROOT BALL FOR. SHRUBS, AND 3X BALL DIAMETER FOR TREES.

G. PLANT MATERIAL BACKFILL MUST BE A WELL MIXED COMBINATION OF 1/3 NATIVE SOIL, 1/3 TOPSOIL, AND 1/3 ORGANIC COMPOSTED MATERIAL DEEP WATER ALL PLANT MATERIAL IMMEDIATELY AFTER PLANTING, ADD BACKFILL MATERIAL TO DEPRESSIONS AS NECESSARY.

7. SOIL AMENDING SHALL INCLUDE COMPOSTED ORGANIC MATERIAL TO BE ADDED AT A RATE OF THREE CUBIC YARDS PER 1000 SQUARE FEET. TILL INTO THE SUBGRADE SOIL PRIOR TO PLACING TOPSOIL. TILL AMENDMENTS IN TO A DEPTH OF 6" ALL SOD AREAS SHALL HAVE THE SOIL AMENDED.

8. TOP SOIL MUST BE A PREMIUM QUALITY DARK SANDY LOAM. FREE OF 5. 10F SOIL MUSI BE A FREMUM QUALIT VARKS SAURU LOSAM, FREE OF ROCKS, CLOBS, RODTS, AND FLANT MATTER. THE TOPSOIL SHALL BE EVENLY SPREAD AND SMOOTH GRADED ON A CAREFULLY PREPARED AMENDED SUBGRADE, TOPSOIL SHALL BE SPREAD TO A DEPTH OF FIVE INCHES (5') IN ALL SOO AND SHRUB AREAS.

9. SOD MUST BE PREMIUM QUALITY, ULTRA GREEN, EVENLY CUT, ESTABLISHED, HEALTHY, WEED AND DISEASE FREE, AND FROM AN APPROVED SOURCE. SOD MUST BE DELIVERED AND LAID IMMEDIATELY AFTER CUTTING. SOURCE: SOU MOST DE UEUVEEU ARU DAUTIMICUALET AFTEK LU I INS-SOURCE: SOU MUST DE UEUVEEU ARU DAUTIMICUALET AFTEK LU I INS-REPARED TOFSOL LAVRE, THE LAD SOU MUST DE IMMEDIATET WATERED AFTER INSTALLATION. ANY DURINE AREAS MILL REQUIRE REPLACEMENT. ADULST SPRINKLES INSTEM TO ASSUER HEALTHY GREEN SURVIVAL OF THE SOU WITHOUT WATER WASTE. TURE GRASS DEMONSTRATING AREA SURVIVAL OF THE SOU WITHOUT WATER WASTE. TURE GRASS DEMONSTRATION - 1885 DELESTAR: KENTUCKY BLUEGRASS, 19% "MARQUIS' KENTUCKY BLUEGRASS, 17% "NEWPORT' KENTUCKY BLUEGRASS, 17% TOUCHDOWN' KENTUCKY BLUEGRASS, 16% "APM" FERENNIAL RYEGRASS, 13% "ACCENT" FERENNIAL RYEGRASS AT A RATE OF 220 LBS PER ACRE

I O. MULCH OVER DEWITT PRO 5 WEED BARRIER WILL BE REQUIRED IN ALL LODGLAFE BEDS FOR SHRUBS, FERENNIALS, AND ANNUALS. SEE PLANS FOR MULCH TYPES. MULCH SHALL BE EVENLY SPREAD ON A CAREFULLY PREPARED GRADE TO THE MINIMUM NOTED DEPTH. THE TOP OF ALL AREAS OF MULCH SHALL BE AT THE GRADE OF THE ADJACENT CURB, WALK, OR EDGE OF

II. FERTILIZER FOR SOD AREAS SHALL BE PELLETIZED, N-P-K AS APPROVED 11. FERTUZER FOR SOD AREAS SHALL BE PELLETIZED, N-P-K AS APPROVED BY LANDSCAPE ARCHITECT FOR SEASONAL ADJUSTMENT. USE 20 LBS PER S,OOD SQUARE FEET OR AS PER MANUFACTURERS SPECIFICATIONS. SPREAD EVENUEY ON A CAREFULLY PREPARED TOPSOIL LAYER JUST PRIOR TO LAYING COD

1.2. TREE STAKING AND GUYING SHALL BE ON AN AS NEEDED BASIS ONLY. 12. IREE STAANG ANU GUMIS STALL BE ON AN AS NEEDED BASID ONLY. THE CONTRACTOR SHALL DETERMINE STAANG NEEDS DEPRODENT ON THE SIT SOIL CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE GUMING AND STANIG IN A TIMELY MANIRE ON LOCE STAKED TREES HAVE TAKEN ROOT. NO STAKING STAALL REMAIN BEYOND A REASONABLE TIME FOR ROOT PENTERATION MOI STABILIZATION.

13. TREE WRAPPING MAY BE USED TO PROTECT YOUNG TREES FROM WINTER DAMAGE. TREE WRAPS SHALL ONLY BE INSTALLED IN THE FALL. IF THE CONTRACTOR INSTALLS WRAPS FOR TREE PROTECTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROMITLY REMOVE WRAPS THE FOLLOWING SPRING

14. LANDSCAPE MAINTENANCE MUST BE PERFORMED BY THE LANDSCAPE CONTRACTOR DURING ESTABLISHMENT (30 DAYS AFTER FINAL ACCEPTIANCE OF ENTRE FROLECT). RESPONSIBILITES INCLUDE WEED CONTROL AND MOWING. NOTIFY OWNER AND CONSIDILITES INCLUDE VEED CONTROL AND ESTABLISHMENT PERIOD HAS ENDED TO INSUFE CONCOING AMINIFIANCE. THE ESTABLISHMENT PERIOD HAS ENDED TO INSUFE CONCOING AMINIFIANCE. OWNER IS RESPONSIBLE FOR LANDSCAPE MAINTENANCE AND LIPKEEP ONCE ESTABLISHMENT PERIOD HAS EXPIRED

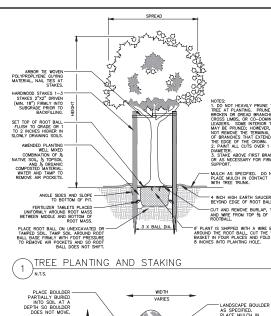
15. ALL PLANT MATERIAL AND LANDSCAPE ELEMENTS WILL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE. ANY ITEMS THAT ARE NOT FIRST CLASS FREMIUM QUALITY WILL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER. ANY PLANT MATERIAL THAT IS ON FRAMEWORK OR AFFEARS STRESSED IN ANY WAY DURING THE GUARANTEE FREMOTO MAY REQUIRE REPLACEMENT. THE CONTRACTOR MUST SCHEDULE A RE AND POST QUARANTEE MERCING WITH THE OWNERS REPRESENTATIVE FOR NOTECTION. FAILURE TO DO SO WILL MEAN THE OFFICIAL CLIARANTEE PERIOD HAS NOT BEEN ACTIVATED OR DE-ACTIVATED.

I.G. SUBMITTALS OF ALL LANDSCAPE MATERIALS SHALL BE APPROVED BY 16. SUBMITAES OF ALL EANDSCAPE MATEMALS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK, PROVIDER INFORMATION AND SAMPLES SHALL BE SUBMITTED OF ANY GRAVEL OR WOOD MULCHES. NURSERY STOCK SUBMITTAL SHALL INCLUDE PROVIDER INFORMATION WITH A LIST OF PLANT MATERIAL'S BEING PROVIDED BY THE NURSERY

17. TI 5 THE CONTRACTORS RESPONSIBILITY TO VERIPY ALL CUMITIES USED ON THE AREA MOD THE AVAILABILITY OF ALL FAINT ANTERSIS IN THEIR REPECTIC SIZES FROR TO SUBMITTING A BID. THE CONTRACTOR MUST TOTITY THE LANDSCARE ARCHITET RIPROT SUBMITTING A BID CONTRACTOR DETERMINES A QUANTITY DEFICIENCY OR AVAILABILITY PROBLEM WITH SPECIFIC MATERIAL.

I.8. SPECIFICATIONS FOR LANDSCAPE AND IRRIGATION CONSTRUCTION SHALL BE THE 2007 APWA "MANUAL OF STANDARD SPECIFICATIONS".

1.9 ALL LANDSCAPE MATERIAL SHALL BE FULLY IRRIGATED BY AN ALTOMATIC IRRIGATION SYSTEM (DESIGN BUILD), IRRIGATION DESIGN SHALL BE APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



PLACE BOULDER ON UNEXCAVATED OF TAMPED SOIL

TOOLED EDGE

4000 PSI CONCRETE

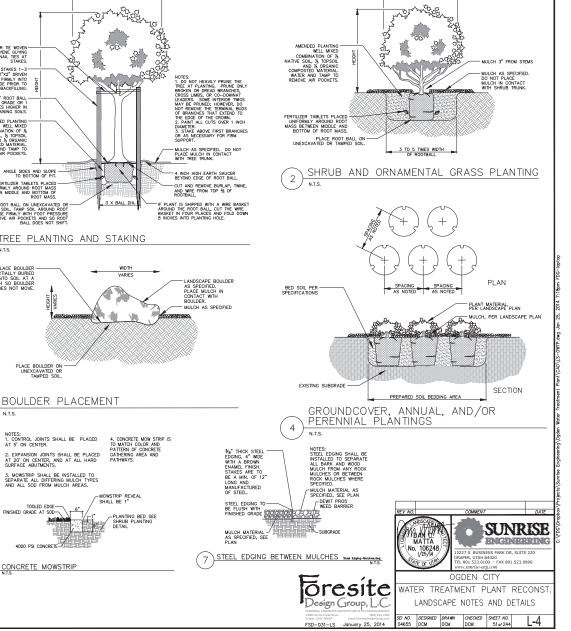
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FINISHED GRADE AT SOD

6 CONCRETE MOWSTRIP

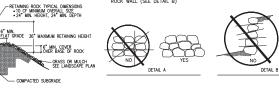
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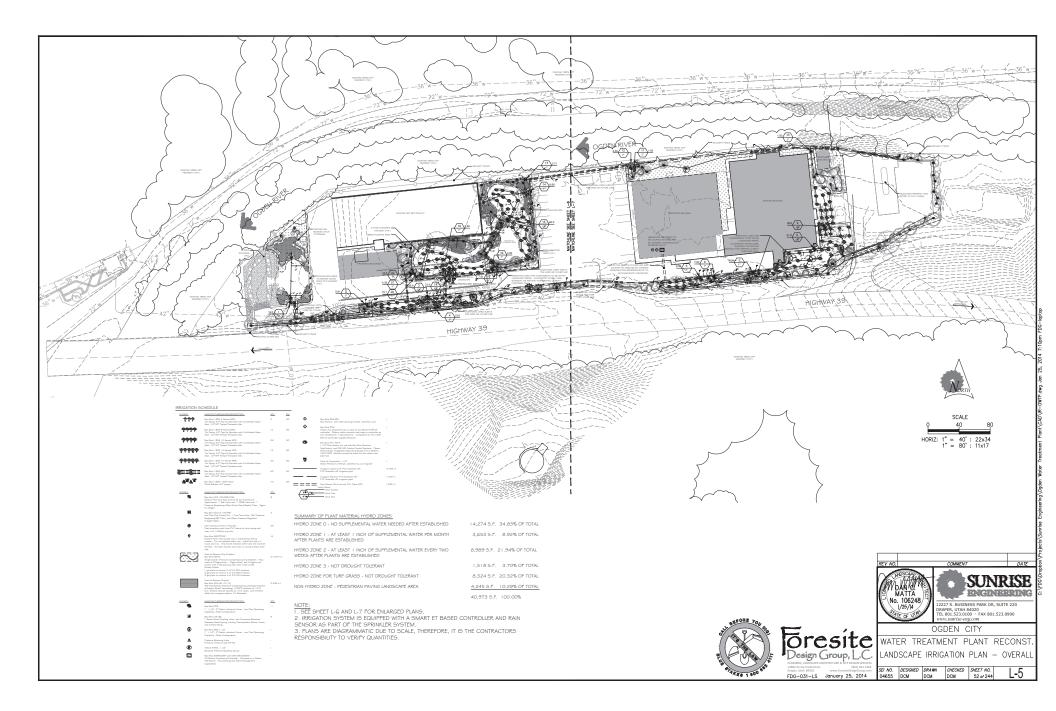
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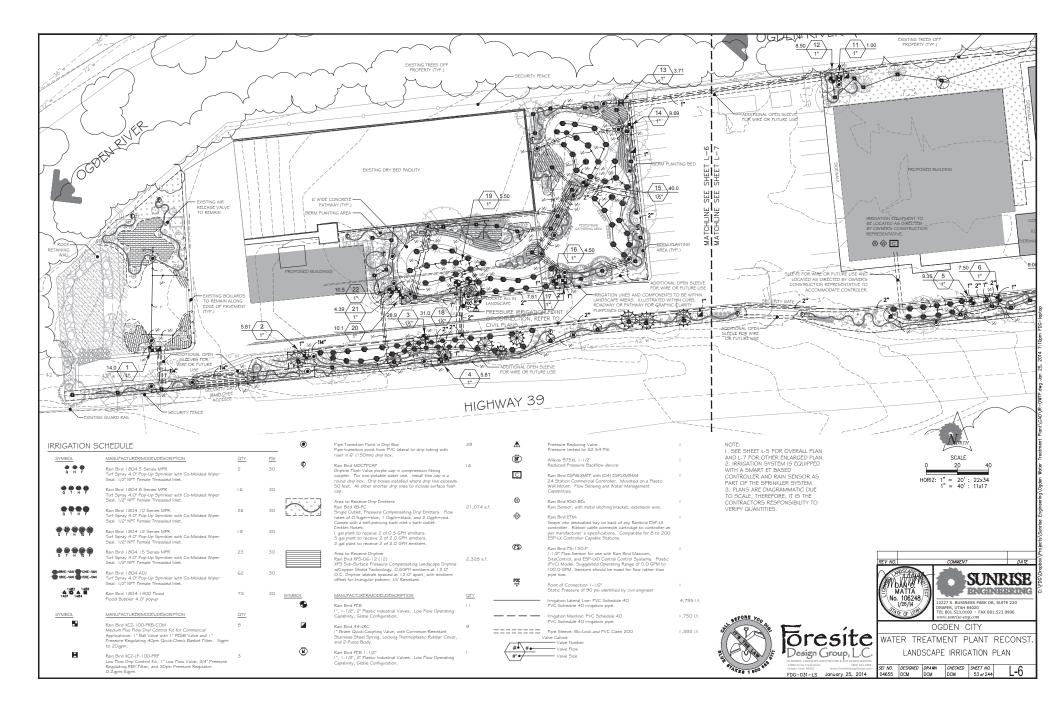
NOTES: 1. FIT ROCKS TOGETHER IN SUCH & MANNER AS TO PROVIDE INTERLOCKING STRENGTH SUITABLE FOR RET OWNING TO STRENGTH SUITABLE FOR TO CREATE CONTINUOUS RETAINING WITH NO HOLES OR GAPS LARGE ENOUGH TO FAIL AS A SOIL RETAINER. ROCK STACKING CONSTRUCTION GUIDELINES: ROCKS SHOULD BE STACKED IN GENERAL ACCORDANCE WITH THE ASSOCIATED ROCKERY CONTRACTORS (ARC) ROCKERY CONSTRUCTION GUIDELINES, SUMMARIZED AS FOLLOWS: 1. ROCKS SHOULD BE PLACED SO THAT THERE ARE NO CONTINUOUS JOINT PLANES IN EITHER THE VERTICAL OR LATERAL DIRECTION (SEE DETAIL A) 2. WHEREVER POSSIBLE, EACH ROCK SHOULD BEAR ON AT LEAST TWO ROCKS BELOW IT THE UPPER PLANE OF EACH ROCK BETWEEN COURSES (THE TOP SURFACE OF ROCK), SHOULD SLOPE BACK TOWARDS THE SLOPE FACE AND AWAY FROM THE FACE OF THE ROCK WALL (SEE DETAIL B)

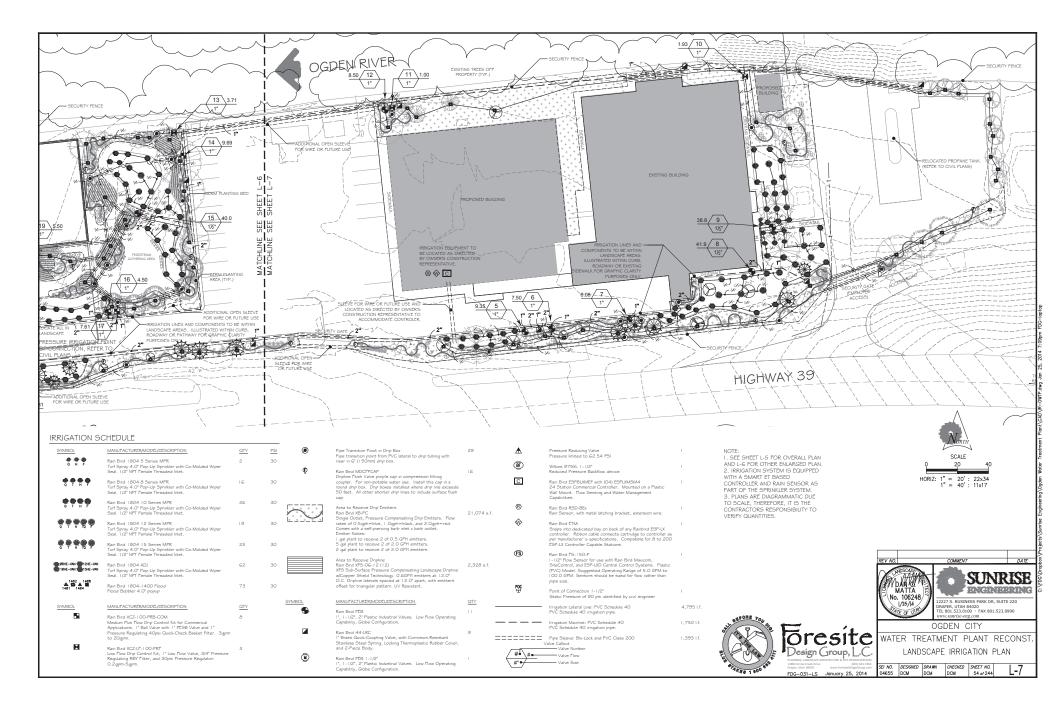


5) ROCK RETAINING WALL

SEE LANDSCAPE PLAN







RRIGATION NOTES

THE LANDSCARE CONTRACTOR SHALL PROVIDE IRRIGATION AS BUILT DRAWINGS OF THE IRRIGATION SYSTEM TO THE OWNERS CONSTRUCTION REPRESENTATIVE. ALL IRRIGATION COMPONENTS ADDED, DELETED, OR MODIFIED IN THE FIELD SHALL BE NOTED ON THE PLAN. NOTE TAP SIZE, LINE SIZE, AND STATIC PRESSURE AT POINT OF CONNECTION

2. Resolution SSTEM COMPONENTS MUST DE PERMIM COMPTY ONE AND INSTALLED TO MAINFACTURES. RESURDANCES DE SPECIFICATIONS THE COMPARICED DE RESOLUCIES LOS CIECCUIS STAT NEI DE COLS MUST FOR ALL SPECIFIC DE MATERIALS AND INSTAMASINE. SUBSTITUTIONS MUST DE APPROVED DE MAINSCAPE ACONTECT PROVIDE OWNER NO MANTENIANCE PERSONEL UTIVI INSTALCION MUNUAL UN DE LI PRODUCTO DATA TO OPERATE, CIECCE, MUNTREZE, REFARE, NAD ADUIST SYSTEM. ANY CINALES MUST DE DOLLARDATION DATA DO SUBMITTED TO MUSICAPE ACONTECT IN ALS SELUCITE TANI DOMANT.

3. IRRIGATION SYSTEM GUARANTEE FOR ALL MATERIALS AND WORKMANSHIP SHALL BE ONE YEAR FROM THE TIME OF PROJECT ACCEPTANCE, GUARANTEE WILL INCLUDE, BUT IS NOT LIMITED TO WINTERZING, SPRING ACTIVATION, REPAR, TRENCH SETTING, BACKFILLING DEPRESSIONS, AND REPARING FREEZ DAMAGE, CONTRACTOR MUST CONTACT OWNERS REPRESENTATIVE TO SCHEDULE FRE AND POST GUARANTE INSPECTION MEETINGS. FAILURE TO DO SO WILL MEAN THE OFFICIAL GUARANTEE PERIOD HAS NOT BEEN ACTIVATED OR DE-ACTIVATED.

4. IRRIGATION SYSTEM STATIC PRESSURE MUST BE CHECKED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS, CONTACT LANDSCAPE ARCHITECT IF MEASURED STATIC PRESSURE IS UNDER 70 P.S.I. OR OVER 100 P.S.I.

5. IRRIGATION SYSTEM CHECK MUST BE DONE BEFORE THE SYSTEM IS BACKFULED. IRRIGATION MAINLINE AND EACH CONTROL VAU'S SECTION MUST BE FLUSHED AND PRESSURE CHECKED. ASSIRE THE COMPLETE SYSTEM H NO DOLUMENTED PROLIDEM AND FLUENT OF INAD CONTRAGE WITH ADDILATE PRESSURE FOR SYSTEM OPERATION. ADJUST SYSTEM TO AVOID SPRAY ON BUILDING, HR8DSCAPE, AND ADJACCHI FROPERTY. ANY PROBLING OR FAUD DISCREPANCIES MUST BE REFORED TO THE LANDSCAPE ARCHITECT.

6. FIELD VERIFICATION OF ALL IRRIGATION PIPING AND EQUIPMENT NECESSARY TO COMPLETE CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.

7. REGISTION UTERALS AND FITTINGS MUST BE SOFTEDULE AD P. V.C. THEE OUNTER (30) INCL MINIMUM SET. SOCIATION MOD. LIDEN AS IF RE MINIMUM CURLENS SOFTED TEXTOR INFORMED STATUS (51) ITERCINT FROM THE INFORMED TITINGS. THE MINIMUM DETH OF UNES SHALL BE THEFUE (12) INCLES IT ONGS IN G.F.M. FOR UN-SEED UNES OR CHINGES STRULE BER AIR COLL. 36 GF M.J. (11) INCLES 12 GF M.J. (11) AIR CHI-132 GF Z.F.M. (11) INCLES OR CHINGES SHALL BER AIR COLL. 36 GF M.J. (11) INCLES 12 GF M.J. (11) AIR CHI-132 GF Z.F.M. (11) INCLES 30 GF M.J. (2) INCLES 1-50 GF Z.F.M. (11) INCLES 12 GF M.J. (12) AIR CHI-132 GF Z.F.M. (11) AIR INCLES 30 GF M.J. (2) INCLES 1-50 GF Z.F.M. (11) INCLES 12 GF Z.F.M. (11) AIR CHI-132 GF Z.F.M. (11) AIR INCLES 30 GF M.J. (2) INCLES 1-50 GF Z.F.M. (11) AIR CHI-132 GF Z.F.M. (11) AIR CHI-132 GF Z.F.M. (11) AIR INCLES 30 GF M.J. (2) INCLES 1-50 GF Z.F.M. (11) AIR CHI-132 GF Z.F.M. (11) AIR CHI-132 GF Z.F.M. (11) AIR INCLES 30 GF M.J. (2) INCLES 1-50 GF Z.F.M. (11) AIR CHI-132 GF

8. IRRIGATION MAIN LINE 3" AND SMALLER SHALL BE SCHEDULE 40 PVC PIPE WITH SCHEDULE 80 PITTINGS, SOLVENT WED ALL JOINTS AS PER MANUPACTURES SPECIFICATIONS FOR MESSURE STATIC PRESSURE. USE TETHION TAPE ON ALT MERZADEJ JOINTS. LINE DEPT MUNTS BE TWENTY FOR (24) INCHES MINIMUM.

9. THRUST BLOCKS FOR MAINLINES 2' OR GREATER SHALL BE INSTALLED WITH A MINIMUM OF THREE AND A HALF (3 1/2) CUBIC FOOT OF CONCRETE WHEREVER A CHANGE IN DIRECTION OR A 'T' OCCURS.

(a) Indicated in the second second

1. HEAD RISERS FOR SPRAY HEADS MUST BE A "FUNNY PIPE SYSTEM". RISERS FOR GEAR DRIVEN AND IMPACT HEADS MUST BE RAINBIRD TST SERIES SWING JOINTS (SIZE TO MATCH IN ET SIZE OF HEAD) OR APPROVED FOLIAL

1.2. SIZE VALVE BOXES ACCORDING TO VALVE NUMBERS FOR EASE OF MAINTENANCE AND REPAIR. INSTALL FOUR (4) CUBIC FEET OF PEA GRAVEL FOR SUMP IN BASE OF BOXES.

13. QUICK COUPLERS SHALL BE A RAINBIRD 44LRC WITH A LASCO 1* UNITIZED SWING JOINT ASSEMBLY BRASS INSERT 90° ELL OUTLET, SUPPORT WITH REBAR IN EACH RETAINER LUG. INSTALL WHERE SHOWN ON PLANS.

14. IRRIGATION SYSTEM BACKFILL MUST OCCUR ONLY AFTER SYSTEM CHECK IS COMPLETED AS SPECIFIED. USE ONLY ROCK FREE CLEAN FILL AROUND FIPES, VALVES, DRAINS, OR ANY IRRIGATION SYSTEM COMPONENTS. WATER SETTLE ALL TRENCHES AND EXCAVATIONS.

15. ALL IRREGATION FIPE RUNNING THROUGH WALLS, UNDER SIDEWALK, ASPHALT, OR OTHER HARD SURFACE SHALL BE SLETVED FROR TO PAVING. IT IS THE IRREGATION CONFRACTORS BESPONSIBILITY TO COORDINATE UNIT DOUBLING AND INCOMENT OF DOWN TO A DOUBLING TO THE DIPERTOR OF MAILURE BET WATER DOUBLING AND INCOMENT OF DOWN TO A DOUBLING TO A DOUBLING TO A DOUBLING TO A DOUBLING TO BE A MINIMUM OF TWO SUPER LARGER THAN THE PIPE TO BE SLEEVED. ALL VALVE WRING SHALL BE CONFANED IN SPRARET BELEVING.

IC PLANS ARE DIAGRAMMATIC AND APPROVIMATE DUE TO SCALE WHERE POSSIBLE ALL PIPING IS TO BE

17. SPRAY HEADS ADJACENT TO HARDSCAPE PAVING SHALL BE SPACED AWAY 1"-4". SPRAY HEADS ADJACENT TO WALLS, BUILDINGS, FENCES OR STRUCTURES SHALL BE SPACED AWAY A MINIMUM OF 6".

18. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL QUANTITIES BASED UPON THE PLAN PRIOR TO COMPLETION OF A CONSTRUCTION COST ESTIMATE.

1.9. UPOLICOMPLETION OF REGISTION MODIFICATIONS, THE CONTRACTOR SHALL VISUALLY DEPECT THE REGISTION SHORE MAN VERT THAT ALL REGISTION DUES OPERATE PROPERTY, ANY UDDIS REGISTION OF UNRERGATCH DATES SHALL BE DENTIFIED, NOT THE CONTRACTOR SHALL MARE ADJUSTMENTS OR ADDITIONS TO THE SYSTEM TO CORRECT RERGISTION DETECTIONES.

20. DRIP SYSTEM PIPING SHALL CONSIST OF A RIGID SCHEDULE 40 PVC PIPE DISTRIBUTION SYSTEM CONNECTING DRIP IRRIGATED FLANTER AREAS, POLYTUBING SHALL BE RUN OT FILE RIGID FVC IN EACH PLANTING AREA OR ISLAND WITH A PVC TO POLYTUBING SADAFTER. IN O POLYTUBING SHALL RUN UNDER RAVEMENT.

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