

GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN

PARKING LOT SHADING

PER EDC COMMUNITY DESIGN STANDARDS, 12/15/2015

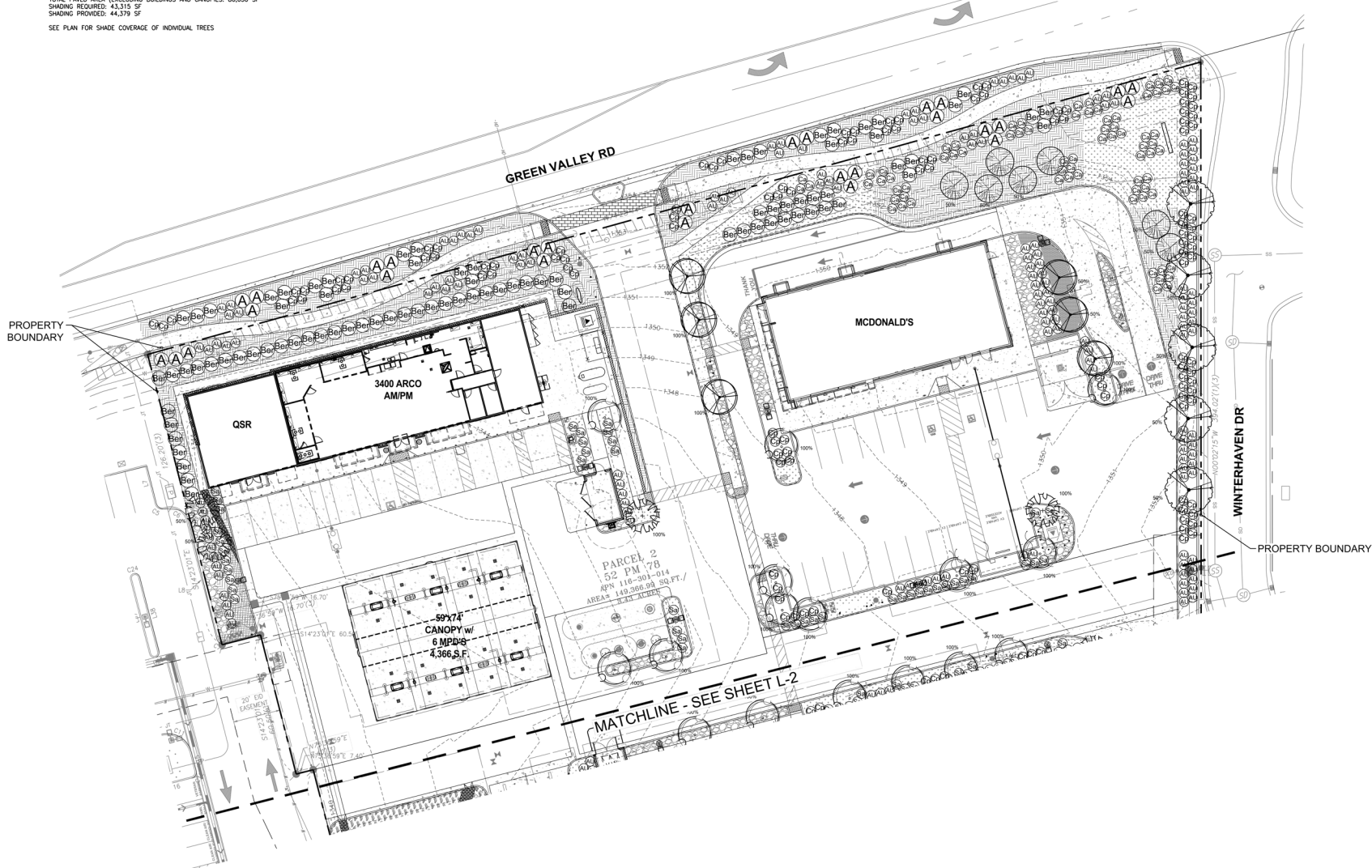
1.6.C.1: LANDSCAPING SHALL BE PROVIDED IN PAVED PARKING LOTS OF FIVE SPACES OR MORE AND SHALL PROVIDE SHADE OVER 50 PERCENT OF ALL PAVED PARKING AREAS

TOTAL PAVED AREA (EXCLUDING BUILDINGS AND CANOPIES): 86,630 SF
SHADING REQUIRED: 43,315 SF
SHADING PROVIDED: 44,379 SF

SEE PLAN FOR SHADE COVERAGE OF INDIVIDUAL TREES

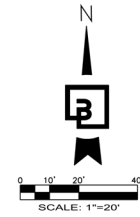
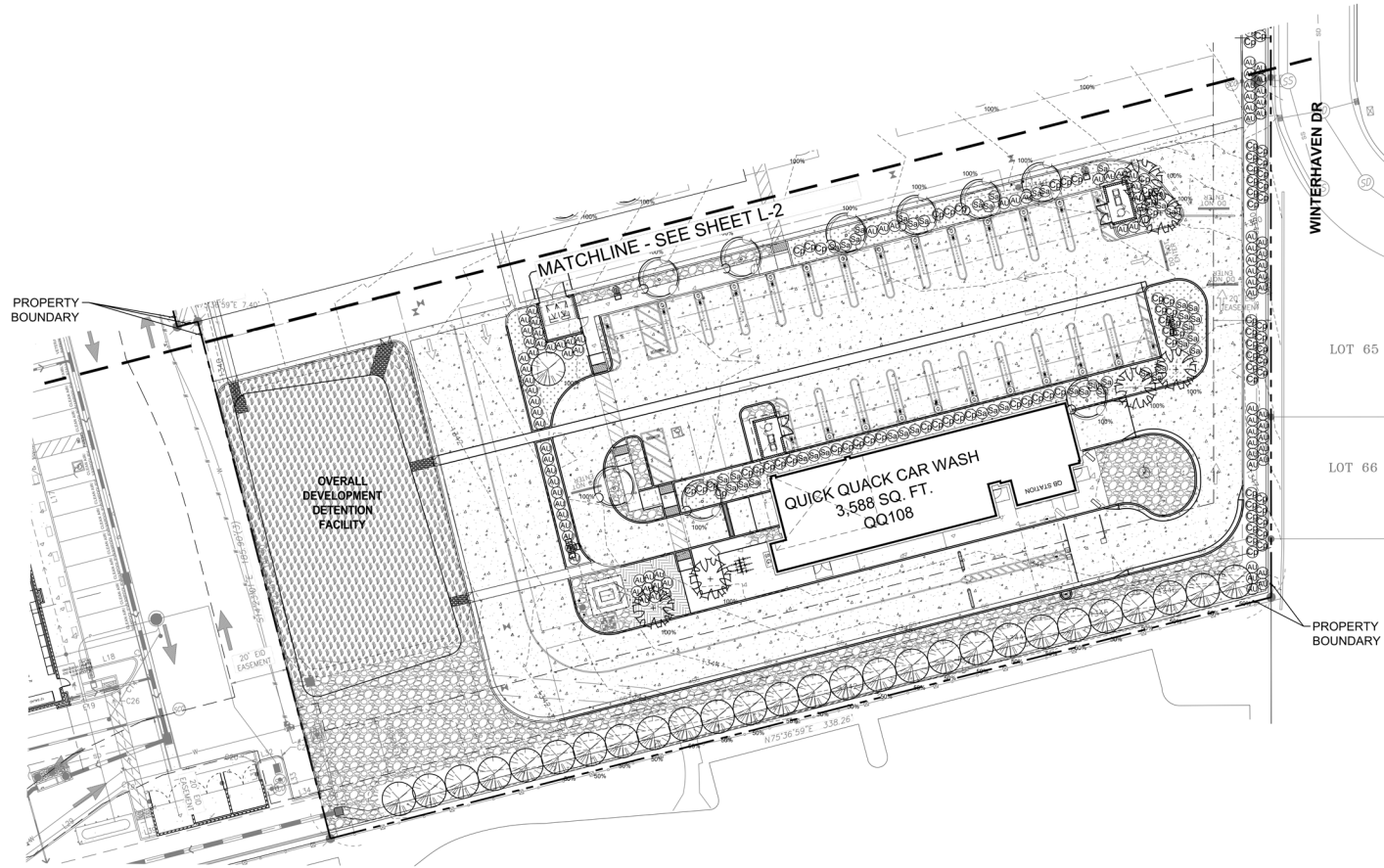
TOTAL LANDSCAPE AREA

45,637 SF



Revision	Title: LANDSCAPE PLAN NORTH	Scale: Horizontal 1"=20' Vertical N/A	Designed: JH/RE Drawn: JH/RE Checked: JH/RE Approved: JH/RE Date: 10/13/2024	Job Number: 22837
No.	Date	By	Drawn	Sheet
				L1
				8
	For: KHINDA PETROLEUM, INC. 3940 CAMBRIDGE ROAD CAMERON PARK, CALIFORNIA 95672	LICENSED LANDSCAPE ARCHITECT STATE OF CALIFORNIA 10-11-2005 10-11-2005 N/A	Barghausen Consulting Engineers, LLC. 18215 77th Avenue South Kirkland, WA 98033 425.251.6222 barghausen.com	P:\22000A\22837\preliminary\22837.dwg 10/10/2024 4:08 PM TROBERTS

GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN



Job Number 22837	For: KHINDA PETROLEUM, INC. 3940 CAMBRIDGE ROAD CAMERON PARK, CALIFORNIA 95672	Title: LANDSCAPE PLAN SOUTH GREEN VALLEY COMMERCIAL CENTER 3060 GREEN VALLEY ROAD CAMERON PARK, CA 95672
Sheet L2	Scale: Horizontal 1"=20' Vertical N/A	Date 10/13/2025
Designed JH/RE	Checked JH/RE	Approved JH/RE
Drawn JH/RE	Approved JH/RE	Date 10/13/2025
Job Number 22837	For: KHINDA PETROLEUM, INC. 3940 CAMBRIDGE ROAD CAMERON PARK, CALIFORNIA 95672	Title: LANDSCAPE PLAN SOUTH GREEN VALLEY COMMERCIAL CENTER 3060 GREEN VALLEY ROAD CAMERON PARK, CA 95672

GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN

PLANT SCHEDULE ARCO

SYMBOL	BOTANICAL / COMMON NAME	CONT.	WATER USE	FOLIAGE	QTY
TREES					
	PISTACIA CHINENSIS / CHINESE PISTACHE NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5' STAKE AND GUY ONE GROWING SEASON.	24" BOX	LOW	DECIDUOUS	3
	UMBELLULARIA CALIFORNICA / BAY LAUREL	24" BOX	MEDIUM	EVERGREEN	3
SHRUBS					
	ARBUTUS UNEDO 'COMPACTA' / STRAWBERRY TREE	1 GAL.			48"
	ARCTOSTAPHYLOS DENSFLOA 'HOWARD MCKINN' / MANZANITA	5 GAL.	LOW		12"
	BERBERIS NEVENSII / NEVENS BARBERRY	1 GAL.	LOW	EVERGREEN	72"
	CISTUS X PURPUREUS / ORCHID ROCKROSE FULL AND BUSHY	2 GAL.	LOW		48"
	SALVA GREGGII / AUTUMN SAGE FULL AND MATCHING	1 GAL.	LOW	EVERGREEN	48"
GROUND COVERS					
	APTENA CORDIFOLIA 'RED APPLE' / BABY SUNROSE	1 GAL.	LOW	EVERGREEN	36"
	DYONIDIA MARGARETAE / DYONIDIA	1 GAL.	LOW		36"

PLANT SCHEDULE MCDONALDS

SYMBOL	BOTANICAL / COMMON NAME	CONT.	WATER USE	FOLIAGE	QTY	
TREES						
	CALOCEDRUS DECURRENS / INCENSE CEDAR NURSERY GROWN, SINGLE UNICUT LEADER, STAKE AND GUY ONE GROWING SEASON.	24" BOX	MEDIUM	EVERGREEN	7	
	LAGERSTROEMIA INDICA / CRABE WHITLEY TREE FORM, SYMMETRICAL, NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5'; SINGLE LEADER, STAKE & GUY ONE GROWING SEASON	24" BOX	LOW	DECIDUOUS	6	
	PISTACIA CHINENSIS / CHINESE PISTACHE NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5'; STAKE AND GUY ONE GROWING SEASON.	24" BOX	LOW	DECIDUOUS	7	
	UMBELLULARIA CALIFORNICA / BAY LAUREL	24" BOX	MEDIUM	EVERGREEN	1	
DECIDUOUS TREES						
	PLATANUS X ACERIFOLIA / LONDON PLANE TREE FULL AND MATCHING, SYMMETRICAL, NURSERY GROWN FOR STREET TREE USE, BRANCHING TO 5' MIN. FT. ABOVE UNICUT PLANT, SINGLE UNICUT LEADER, STAKE & GUY ONE GROWING SEASON	24" BOX	MEDIUM		5	
SHRUBS						
	ARBUTUS UNEDO 'COMPACTA' / STRAWBERRY TREE	1 GAL.		48" o.c.	96	
	ARCTOSTAPHYLOS DENISFLOA 'HOWARD MCMANN' / MANZANITA	5 GAL.	LOW		72" o.c.	16
	BERBERIS NEVENSII / NEVENS BARBERRY	1 GAL.	LOW	EVERGREEN	72" o.c.	32
	CISTUS X PURPUREUS / ORCHID ROCKROSE FULL AND BUSHY	2 GAL.	LOW		48" o.c.	32
	SALVA GREGGII / AUTUMN SAGE FULL AND MATCHING	1 GAL.	LOW	EVERGREEN	48" o.c.	20
GRASSES						
	CALAMAGROSTIS X ACUTIFOLIA 'KARL FORSTER' / FEATHER REED GRASS	1 GAL.		48" o.c.	72	
GROUND COVERS						
	APTENIA CORDIFOLIA 'RED APPLE' / BABY SUNROSE	1 GAL.	LOW	EVERGREEN	36" o.c.	525
	CEANTHUS ORIBSUS 'HORIZ.' / YAMKEE POINT / CARMEL CREEPER	1 GAL.	LOW	EVERGREEN	36" o.c.	43
	DYONIDIA MARGARETAE / D'YONIDIA	1 GAL.	LOW		36" o.c.	1,744

PLANT SCHEDULE QUICK QUACK

SYMBOL	BOTANICAL / COMMON NAME	CONT.	WATER USE	FOLIAGE	QTY	
TREES						
	CALOCEDRUS DECURRENS / INCENSE CEDAR NURSERY GROWN, SINGLE UNICUT LEADER, STAKE AND GUY ONE GROWING SEASON.	24" BOX	MEDIUM	EVERGREEN	28	
	PISTACIA CHINENSIS / CHINESE PISTACHE NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5' STAKE AND GUY ONE GROWING SEASON.	24" BOX	LOW	DECIDUOUS	9	
	UMBELLULARIA CALIFORNICA / BAY LAUREL	24" BOX	MEDIUM	EVERGREEN	6	
SHRUBS						
	ARBUTUS UNEDO 'COMPACTA' / STRAWBERRY TREE	1 GAL.			48" o.c.	89
	CISTUS X PURPUREUS / ORCHID ROCKROSE FULL AND BUSHY	2 GAL.	LOW		48" o.c.	79
	SALVA GREGGII / AUTUMN SAGE FULL AND MATCHING	1 GAL.	LOW	EVERGREEN	48" o.c.	46
GROUND COVERS						
	APTENIA CORDIFOLIA 'RED APPLE' / BABY SUNROSE	1 GAL.	LOW	EVERGREEN	36" o.c.	252
	DYONIDIA MARGARETAE / D'YONIDIA	1 GAL.	LOW		36" o.c.	34

MATERIALS



CONCEPT PLANT SCHEDULE

BIORETENTION PLANT SCHEDULE	6,986 SF
MIXTURE OF PERENNIALS, EMERGENTS, SHRUBS, AND TREES. SPECIES LISTED WILL BE LOCATED BASED ON THEIR ABILITY TO TOLERATE BOTTOM AREAS AND BOLD BLOOMS OF BIORETENTION. BARN ALL SPECIES WILL BE VERY LOW OR LOW ON THE WOODS LIST.	
CAREX BARBARAE / SANTA BARBARA REED	
CHONDROPETALUM TECTORUM / SMALL COPE RUBBER	
MULLENBERGIA RENOI / DEER GRASS	
MIMULUS CARDINALIS / SCARLET MONEY PLANT	
BACHANIS PULIARIS / COYOTE BUSH	
CERCIS OCCIDENTALIS / WESTERN REDBUD	

LANDSCAPE PLANTING NOTES AND MATERIALS

SCOPE OF WORK

FURNISH ALL MATERIALS, LABOR, EQUIPMENT AND RELATED ITEMS NECESSARY TO ACCOMPLISH TOPSOIL, TREATMENT AND PREPARATION OF SOIL, FINISH GRADING, PLACEMENT OF SPECIFIED PLANT MATERIALS, FERTILIZER, STAKING, MULCH, CLEAN-UP, DEBRIS REMOVAL, AND 30-DAY MAINTENANCE.

QUALIFICATION: LANDSCAPE CONTRACTOR TO BE SKILLED AND KNOWLEDGEABLE IN THE FIELD OF WORK AND HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE INSTALLING SIMILAR WORK. CONTRACTOR TO BE LICENSED TO PERFORM THE WORK SPECIFIED WITHIN THE PRESDING JURISDICTION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE SITE AND REPORT ANY DISCREPANCIES TO THE OWNER OR THE OWNER'S REPRESENTATIVES. ALL PLANT MATERIAL AND FINISH GRASSES ARE SUBJECT TO APPROVAL BY THE OWNER.

PROTECTION: SAVE AND PROTECT ALL EXISTING PLANTINGS SHOWN TO REMAIN. DO NOT PLANT UNTIL OTHER CONSTRUCTION OPERATIONS WHICH CONFLICT HAVE BEEN COMPLETED. IF AN IRRIGATION SYSTEM IS TO BE INSTALLED DO NOT PLANT UNTIL THE SYSTEM HAS BEEN INSTALLED, TESTED, AND APPROVED BY THE OWNER. HANDLE PLANTS WITH CARE -- DO NOT DAMAGE OR BREAK ROOT SYSTEM, BARK, OR BRANCHES. REPAIR AND/OR REPLACE ITEMS DAMAGED AS A RESULT OF WORK, OR WORK NOT IN COMPLIANCE WITH PLANS AND SPECIFICATIONS, AS DIRECTED BY OWNER AT NO ADDITIONAL COST TO THE OWNER.

REPAIR OF EXISTING PLANTINGS: DURING THE COURSE OF WORK, REPAIR ALL EXISTING PLANTING AREAS BY PRUNING DEAD GROWTH, RE-ESTABLISHING FINISH GRADE AND RE-MULCHING TO SPECIFIED DEPTH.

GUARANTEE: GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THE JOB BY OWNER.

30-DAY MAINTENANCE: CONTRACTOR TO PROVIDE OWNER WITH A SCOPE OF WORK AT TIME OF INITIAL PROJECT BID TO PROVIDE LANDSCAPE AND IRRIGATION MAINTENANCE FOR 30 DAYS FOLLOWING STORE OPENING. WORK TO INCLUDE MAINTENANCE AS DESCRIBED BELOW, IN PLANTING AND IRRIGATION MAINTENANCE.

SUBMITTALS: SUBMIT THE FOLLOWING TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO THE START OF ANY WORK:

- DOCUMENTATION THAT ALL PLANT MATERIAL HAS BEEN ORDERED.
- TOPSOIL ANALYSIS AND RECOMMENDED AMENDMENTS.
- TREE STAKING AND GUYING MATERIALS.
- ONE (1) QUANT SIZE TOPSOIL AND MULCH.
- PLANTING SCHEDULE INCLUDING DATES AND TIMES.
- MAINTENANCE INSTRUCTIONS FOR ONE (1) FULL YEAR.

PLANT MATERIALS:

PLANT MATERIALS TO BE GRADE NO. 1, SIZED IN ACCORDANCE WITH (AN) AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). PRUNE PLANTS RECEIVED FROM THE NURSERY ONLY UPON AUTHORIZATION BY THE LANDSCAPE ARCHITECT. "B & B" INDICATES BALLED AND BURLAPPED, "CONT." INDICATES CONTAINER, "BR" INDICATES BARE ROOT, "CAL" INDICATES CALIPER AT 6" ABOVE SOIL LINE, "GAL" INDICATES GALLON.

- SPECIFIED PLANT CANDY SIZE OR CALIPER IS THE MINIMUM ACCEPTABLE CONTAINER OR BALL SIZE AND ESTABLISHES MINIMUM PLANT CONDITION TO BE PROVIDED.
- QUALITY: PLANT MATERIAL TO COMPLY WITH STATE AND FEDERAL LAWS FOR DISEASE INSPECTION, PLANTS TO BE FULLY LIVE, VIGOROUS, WELL FORMED, WITH WELL DEVELOPED FIBROUS ROOT SYSTEM. ROOT BALLS OF PLANTS TO BE SOLD AND FIRMLY HELD TOGETHER, SECURELY CONTAINED AND PROTECTED FROM INJURY AND DESICCATION. PLANTS DETERMINED BY LANDSCAPE ARCHITECT TO HAVE BEEN DAMAGED, HAVE DEFORMITIES OF STEM, BRANCHES, OR ROOTS; LACK SYMMETRY, HAVE MULTIPLE LEADERS OR "Y" CROTCHES LESS THAN 30 DEGREES IN TREES, OR DO NOT MEET SIZE OR ANSI STANDARDS WILL BE REJECTED. PLANT MATERIAL TO BE FROM A SINGLE NURSERY SOURCE FOR EACH SPECIFIED SPECIES/HYBRID. NURSERY SOURCES TO BE THOSE LOCATED IN THE SAME REGION AS THE JOB SITE.

- SUBSTITUTION: NO SUBSTITUTION OF PLANT MATERIAL, SPECIES OR VARIETY, WILL BE PERMITTED UNLESS WRITTEN EVIDENCE IS SUBMITTED TO THE OWNER FROM TWO QUALIFIED PLANT BROKERAGE OFFICES. SUBSTITUTIONS WHICH ARE PERMITTED TO BE IN WRITING FROM THE OWNER AND LANDSCAPE ARCHITECT, THE SPECIFIED SIZE, SPECIES AND NEAREST VARIETY, AS APPROVED, TO BE FURNISHED. SUBSTITUTIONS MAY REQUIRE SUBMITTAL TO REVISED LANDSCAPE PLAN TO CITY FOR APPROVAL.
- LABEL AT LEAST ONE (1) TREE, SHRUB, AND GROUND COVER OF EACH VARIETY WITH A SECURELY ATTACHED WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTANICAL AND COMMON NAMES.

- DELIVER PLANT MATERIAL AFTER PREPARATION OF PLANTING AREAS HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET MATERIAL IN SHADE, PROTECT FOR WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOT BALLS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.

SOIL PREPARATION: TOPSOIL, AMENDMENT, AND BACKFILL, ARE GENERAL REQUIREMENTS FOR ALL LANDSCAPE AREAS, UNLESS NOTED OTHERWISE ON THE PLANS. SOIL AMENDMENTS AND FERTILIZER NOTED BELOW ARE TO BE USED FOR BID PRICE BASIS ONLY. SPECIFIC AMENDMENTS AND FERTILIZERS WILL BE MADE AFTER SOIL SAMPLES ARE LABORATORY TESTED BY THE CONTRACTOR. PROVIDE CHARGE ORDER FOR ADDITIONAL OR REDUCTION OF MATERIALS REQUIRED OR NOT REQUIRED BY THE SOILS REPORT.

SOIL FERTILITY AND AGRICULTURAL SUITABILITY ANALYSIS: AFTER ROUGH GRADING AND PRIOR TO SOIL PREPARATION, CONTRACTOR TO OBTAIN TWO REPRESENTATIVE SOIL SAMPLES AS DIRECTED BY THE LANDSCAPE ARCHITECT, TO A SOIL TESTING LABORATORY. SUBMIT RESULTS TO LANDSCAPE ARCHITECT FOR REVIEW. TESTS TO INCLUDE FERTILITY AND SUITABILITY ANALYSIS WITH WRITTEN RECOMMENDATIONS FOR SOIL AMENDMENT, FERTILIZER, CONDITIONERS, APPLICATION RATES, AND POST-CONSTRUCTION MAINTENANCE PROGRAM. TESTS TO BE CONTRACTED WITH AND PAID FOR BY THE CONTRACTOR.

- TOPSOIL: CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL TOPSOIL AND FOR DETERMINING THE VOLUME OF TOPSOIL REQUIRED PER THE INFORMATION ON PLANS AND NOTED HERE-IN. CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY WEED CONTROL RESULTING FROM CONTAMINATED OFF SITE SOURCES.
- TOPSOIL TO CONSIST OF 1/3 BY VOLUME SANDY LOAM, 1/3 BY VOLUME COMPOSTED GARDEN MULCH, AND 1/3 BY VOLUME COARSE WASHED SAND OR EQUIVALENT.

- TOPSOIL PREPARATION AND INSTALLATION: 1. VERIFY SUBGRADES TO +9 INCHES IN LANDSCAPE AREAS OR AS INDICATED ON PLANS, THIS ACCOMMODATES TOPSOIL, AMENDMENTS, AND MULCH. 6" IMPORTED TOPSOIL FOR LANDSCAPE BEDS. 2. ERADICATE ANY SURFACE VEGETATION ROOTED IN THE SUB-GRADE PRIOR TO SUB-GRADE PREPARATION. 3. REMOVE SOIL LUMPS, ROCK, VEGETATION AND/OR DEBRIS LARGER THAN 2 INCHES FROM ALL SUB-GRADE PRIOR TO PLACEMENT OF SPECIFIED TOPSOIL. 4. REMOVE ANY ASPHALT EXTENDING BEYOND 6 INCHES FROM CURBS INTO ADJACENT LANDSCAPE AREAS.

- TOPSOIL PLACEMENT: 1. PROVIDE A TOTAL FINISH COURSE OF 6 INCHES OF TOPSOIL FOR LANDSCAPE AREAS. 2. PLACE ADDITIONAL TOPSOIL AND SOIL MIX AS REQUIRED TO MEET FINISH ELEVATIONS.

MULCH (TOPDRESSING): ONE-HALF-INCH (1/2") SIZE, TO ONE-QUARTER (1/4"), HEMLOCK/PIN BARK. FINE TEXTURED AND DARK BROWN IN COLOR. SEE PLANT SCHEDULE FOR ADDITIONAL MULCH NOTES.

STAKES: 2-INCH DIAMETER BY 8-FOOT MINIMUM LODGEPOLE PINE STAKES.

GUY MATERIAL: 1-INCH WIDE POLYETHYLENE CHAIN LOCK TYPE TIES; OR, 3/8" DIAMETER RUBBER, NO WIRE.

EXECUTION:

CONTAMINANTS: VERIFY THAT ALL SOIL CONTAMINANTS (E.G., PAINT, SEALANTS, SOLVENTS, OILS, GREASES, CONCRETE/ASPHALT SPILLS, ETC.) HAVE BEEN SATISFACTORY REMOVED FROM ALL PLANTING AREAS. DO NOT BEGIN WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

FINISH GRAD: FINE GRADE AND REMOVE ROCKS, DEBRIS, AND FOREIGN OBJECTS OVER 2 INCHES DIAMETER FROM TOP SURFACE OF PREPARED LANDSCAPE AREAS. FINISH ELEVATIONS TO BE DEFINED AS 3 INCHES BELOW CURBS, WALKS AND/OR OTHER ADJACENT HARDSCAPE FOR ALL PLANTING BED AREAS AND 1-INCH BELOW CURBS, WALKS AND/OR OTHER ADJACENT HARDSCAPE FOR ALL LAWN AREAS. FINISH GRADE REFER TO GRASSES PRIOR TO INSTALLATION OF MULCH OR LAWN. ALL FINISH GRADES TO BE SMOOTH EVEN GRADES, LIGHTLY COMPACTED, AS SHOWN ON THE PLAN AND DETAILED. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. SITE CIVIL DRAWINGS INDICATE FINAL ELEVATIONS. MOISTEN PREPARED AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.

TREES AND SHRUBS: ARRANGE TREES AND SHRUBS ON SITE IN PROPOSED LOCATIONS PER DRAWINGS. EXCAVATE PIT, PLANT STAKE OR GUY, AS CALLED OUT AND DETAILED. ALL TREES, SHRUBS, AND SUPPORTS TO STAND VERTICAL. BACKFILL SHALL BE PIT SPILLS. SETTLE BACKFILL USING WATER ONLY. NO MECHANICAL COMPACTION.

GROUND COVERS: EXCAVATE PITS TO A MINIMUM OF 3 INCHES BELOW, AND TWICE THE ROOT BALL DIAMETER. WATER THOROUGHLY AND TAKE CARE TO ENSURE THAT ROOT CROWN IS AT PROPER GRADE, AS DETAILED.

MULCH: MULCH ALL LANDSCAPE AREAS. MATCH DEPTH OF EXISTING MULCH. AT A MINIMUM, APPLY SUFFICIENT QUANTITY TO PROVIDE A 3-INCH DEPTH.

CLEANUP AND PROTECTION: DURING LANDSCAPE WORK, KEEP ALL PAYMENT CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGE LANDSCAPE WORK AS DIRECTED BY THE OWNER.

PLANT SCHEDULE AND LANDSCAPE NOTES
GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

For: KHINDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672



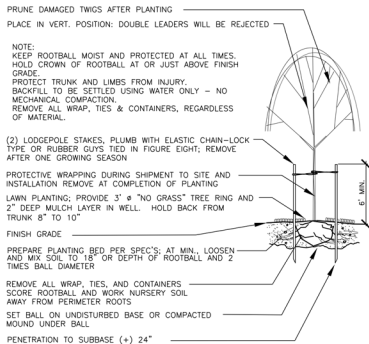
Scale:	Horizontal	Vertical
As Shown	N/A	N/A
Vertical	N/A	N/A
Date	10/13/2025	10/13/2025

Barghausen Consulting Engineers, LLC.
16205 77th Avenue South
Kirkland, WA 98033
425-251-6222
barghausen.com

Job Number: 22837
Sheet: L3 of 8

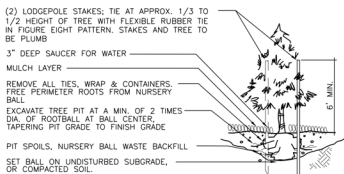
10/12/2025 1:58 PM TIBERTS

GREEN VALLEY COMMERCIAL
PRELIMINARY LANDSCAPE PLAN



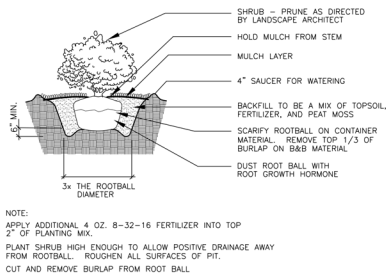
DECIDUOUS TREE PLANTING/STAKING DETAIL

NOT TO SCALE



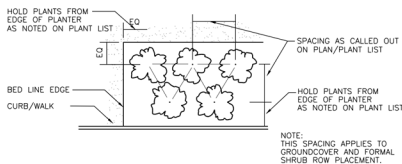
EVERGREEN TREE PLANTING/STAKING DETAIL

NOT TO SCALE



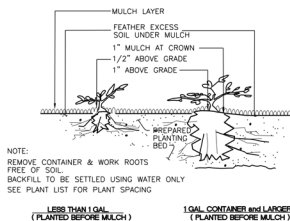
SHRUB PLANTING DETAIL

NOT TO SCALE



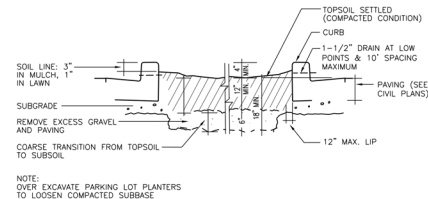
PLANT MATERIAL SPACING DETAIL

NOT TO SCALE



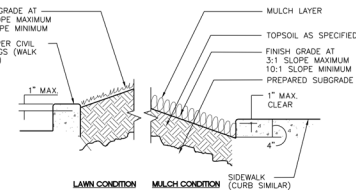
GROUNDCOVER PLANTING DETAIL

NOT TO SCALE



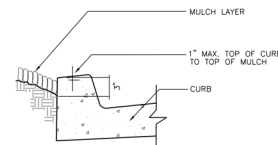
GRADING & PARKING LOT PLANTERS DETAIL

NOT TO SCALE



PLANTER SECTION DETAIL

NOT TO SCALE



MULCH AT CURB DETAIL

NOT TO SCALE

Revision

Drawn

By

Date

Check

Approved

Scale

Horizontal

Vertical

Notes

For

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

Notes

Scale

Horizontal

Vertical

LANDSCAPE DETAILS
GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

KHINDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672



Scale
Horizontal
Vertical
Notes

Barghausen
Consulting Engineers, LLC.
1825 7th Avenue South
Knoxville, TN 37903
423-251-6222
barghausen.com



Job Number
22837

Sheet
L4 8

of 8

10/12/2025 4:58 PM TDRBPTS

TOTAL LANDSCAPE AREA

14,800 SQUARE FEET

IRRIGATION SCHEDULE

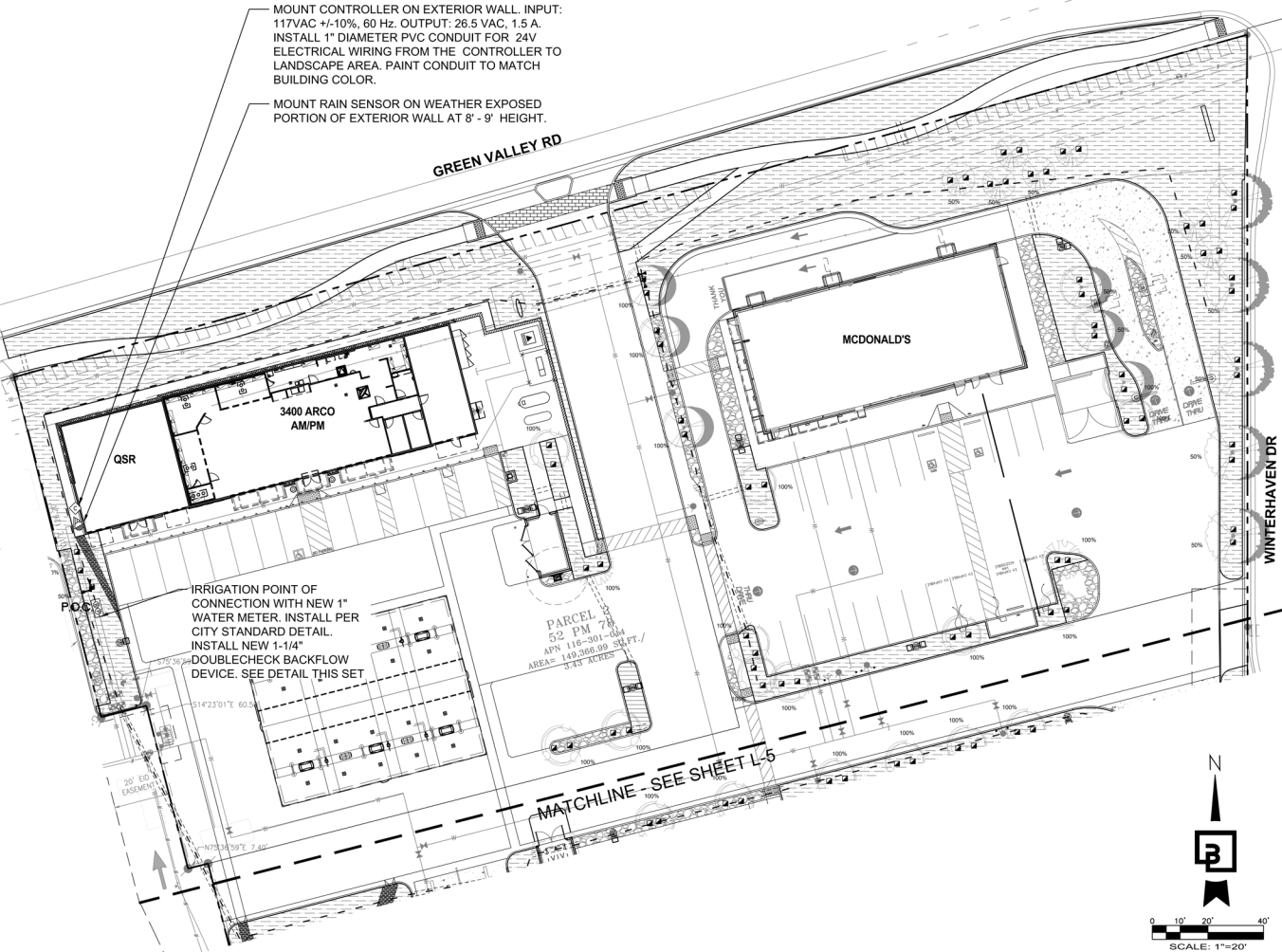
SYMBOL	DESCRIPTION	MIN. PSI	EMITTER SPACING	EMITTER GPM
	RAINBIRD RWS-B-C-1402 36\"/>	20	AS SHOWN ON PLAN	.50
SYMBOL	DESCRIPTION	MIN. PSI	EMITTER SPACING	EMITTER GPM
	RAINBIRD XFS-CV-06-9 SUB-SURFACE DRIPLINE COMPONENTS TO BE USED WITH RAINBIRD X7 DRIPLINE INSERT FITTINGS OR TWSI LOCK FITTINGS	20	12"	.60
	XFS-CV SUB-SURFACE DRIP IRRIGATION FOR PLANTING AREAS WITH GROUND COVER, SHRUBS AND TREES. ABOVE NOTED DRIPLINE IS DESIGNED WITH 60 GPM EMITTERS SPACED AT 12 INCHES APART AND A ROW SPACING OF 18" INCHES	20	12"	.60
NOTE: XFS-CV HAS A CHECK VALVE INTEGRATED				
	INSTALL RAINBIRD 163-100 1/2" BLANK DISTRIBUTION TUBING. INSTALL UNDER AREAS WITH ONLY ROCK MULCH			
NO SYMBOL	RAINBIRD "OPERIND"	DRIP SYSTEM OPERATION/PRESSURE INDICATOR STAKES, PROVIDE FOR EACH ZONE		
NO SYMBOL	RAINBIRD	SOIL STAPLES, AT 5 FEET ON CENTER		
NO SYMBOL	RAINBIRD	DRIPLINE FLUSH VALVE, 1 PER IRRIGATION ZONE. LOCATE AT LOWEST ELEVATION WITHIN EACH ZONE. INSTALL IN 10" VALVE BOX		
SYMBOL	DESCRIPTION			

- VALVE FOR TREE BUBBLER IRRIGATION, RAINBIRD XC2-100-PRF 1" MEDIUM FLOW ELECTRIC REMOTE CONTROL VALVE. INSTALL IN CARBON TRUST BLACK COLORED FOR TREE, SHRUB, AND GROUND COVER VALVES
- VALVES FOR DRIP IRRIGATION:
RAINBIRD XC2-150-LCS 1.5" MEDIUM FLOW ELECTRIC REMOTE CONTROL VALVE (15-62 GPM),
RAINBIRD XC2-100-PRF 1" MEDIUM FLOW ELECTRIC REMOTE CONTROL VALVE (3-15 GPM)
- TYPICAL VALVE CALL-OUT
1 VALVE STATION NUMBER
15.5 VALVE GPM
1 VALVE SIZE
- HUNTER, 1-CORE IRRIGATION CONTROLLER, (HARDWARE CONNECTION TO PICTAL), METAL LOCKABLE CABINET MODEL. MOUNT TO EXTERIOR TRASH ENCLOSURE WALL. COORDINATE LOCATION WITH OWNER, AND G.C.
HARDWARE CONNECTION. PROVIDE GROUND AND BATTERIES PER MFR. SPECS. SEE DETAIL THIS SET
- HUNTER RAIN SENSOR, MOUNT TO EXTERIOR OF BUILDING. WIRE DIRECTLY TO CONTROLLER. COORDINATE LOCATION WITH G.C. AND OWNER.
- RAINBIRD EFB-CP 2" MASTER VALVE (NORMALLY CLOSED) AND F5100B 1" FLOW SENSOR. SEE DETAIL THIS SET.
WIRE FLOW SENSOR BACK TO CONTROLLER WITH PE-39 DATA CABLE
(ON CONTROLLER, SET UP MASTER VALVE WATER-WINDOW DURING DAYTIME HOURS SO MAINLINE IS PRESSURIZED FOR USE OF QUICK COUPLERS)
- RAINBIRD 44-LRC 1" QUICK COUPLER, WITH LOCKING RUBBER COVER, 2-PIECE BODY. PROVIDE KEYS TO OWNER
- BALL VALVE, NIBCO 1-FP-6000 FULL PORT BRASS OR KBI SCH 80 OVC TRUE UNION TYPE
- P.O.C. IRRIGATION POINT OF CONNECTION NEW 1" WATER METER AND NEW 1-1/4" BACKFLOW PREVENTION DEVICE
- MAINLINE - SCH 40 PVC (18" COVER), 1-1/2" SIZE MINIMUM
- LATERAL - SCH 40 PVC (12" COVER), SIZE PER TABLE, 3/4" SIZE MINIMUM

PIPE SIZING SCHEDULE	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	
SCHEDULE 40 PVC: MAINLINE AND LATERALS	8	12	22	30	50	75	FLOW GPM

- GENERAL IRRIGATION NOTES
- IRRIGATION DESIGN SHOWN DIAGRAMMATICALLY FOR PLAN CLARITY.
 - A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
 - A CERTIFICATE OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED BY EITHER THE DESIGNER OF THE LANDSCAPE PLANS, IRRIGATION PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.
 - AN IRRIGATION ADJUST REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION, IF APPLICABLE.
 - PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
 - CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS, WHERE LOW POINT DRAINAGE COULD OCCUR.
 - DRIP TUBING SHALL BE INSTALLED FOUR (4) INCHES BELOW FINAL GRADE. CONTRACTOR TO RUN EACH ZONE BEFORE COVERING TUBING, TO VERIFY THAT THERE ARE NO CONNECTION LEAKS. TREES TO BE INSTALLED ON A SEPARATE ZONE. REFER TO THE TREE IRRIGATION DETAIL FOR ADDITIONAL INFORMATION.
 - USE COMMON TRENCH METHODS LOCATING EQUIPMENT WITHIN THE LANDSCAPE.
 - PLACE MANHOLE CROPPED VALVES IN ADJACENT SHRUB BEDS AND ALONG WITH PAVED SURFACES OR PLANTING BED EDGES.
 - ANY WORK AND/OR IRRIGATION LINES PLACED WITHIN ANY TREE PROTECTION ZONES ESTABLISHED FOR THE PROJECT MUST BE INSTALLED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO TREE ROOTS WITHIN THE PROTECTION ZONE, SUCH AS BY CUTTING ROOTS, DIGGING TRENCHES, OPERATION OF MACHINERY, ETC.
 - SPECIAL CARE MUST BE TAKEN (HAND DIGGING TRENCHES, DESIGNING LINES TO STAY OUT OF THESE AREAS WHERE POSSIBLE, ETC.) TO ENSURE DAMAGE TO THE TREES DOES NOT OCCUR. IN THE EVENT DAMAGE DOES OCCUR TO THESE AREAS, THE CITY MAY REQUIRE, AT THEIR DISCRETION, REPLACEMENT OF THE COMPARABLE LANDSCAPE VALVE OF THE TREES DAMAGED OR OTHER MEANS TO MAKE UP THAT LOSS.

GREEN VALLEY COMMERCIAL
PRELIMINARY LANDSCAPE PLAN



IRRIGATION PLAN NORTH
GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

For: KHANDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672



Scale: Horizontal 1"=20' Vertical N/A

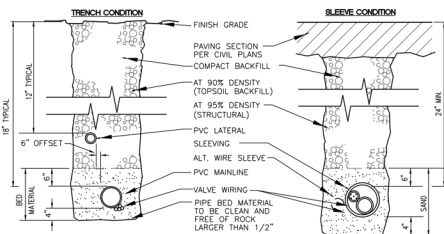
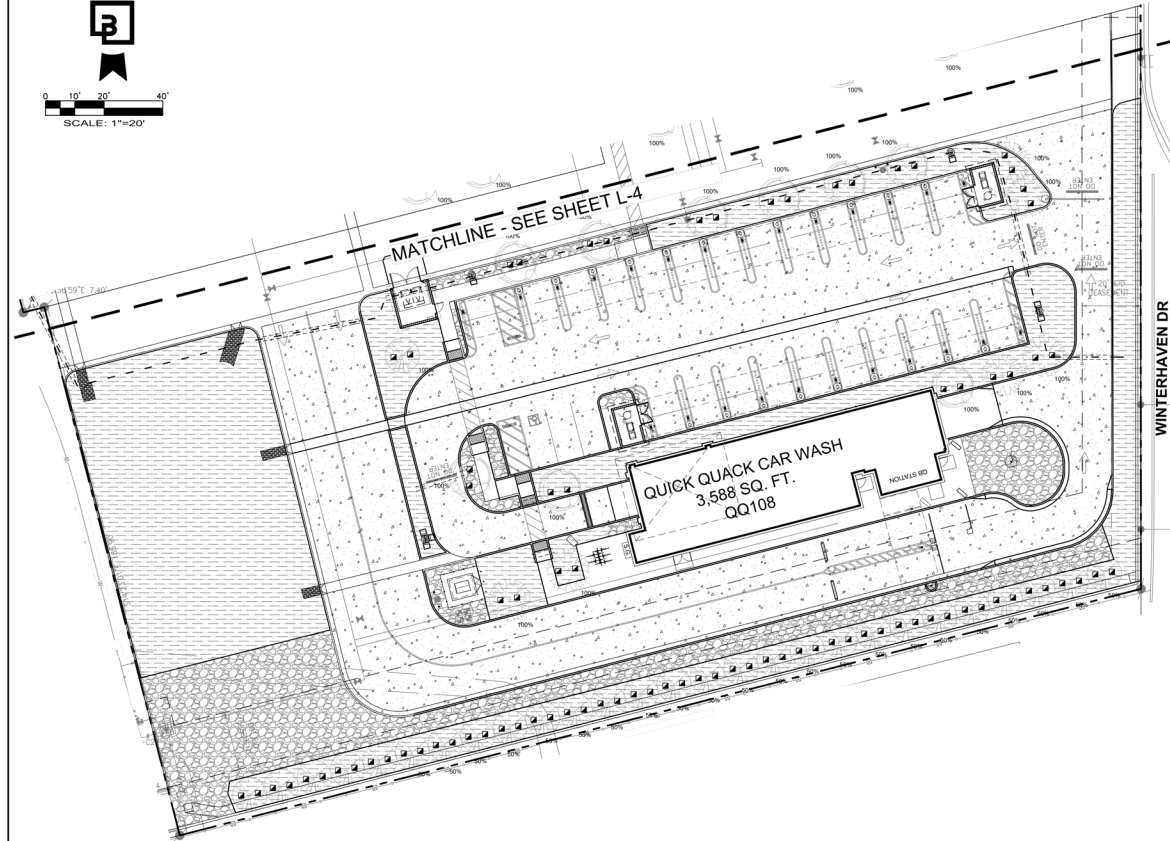
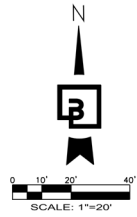
Designed: JY/RS
Drawn: JY/RS
Checked: JY/RS
Approved: JY/RS
Date: 10/13/25

Barghausen
Consulting Engineers, LLC.
18215 77th Avenue South
Kirkland, WA 98033
425.251.6222
barghausen.com



Job Number: 22837
Sheet: L5 of 8

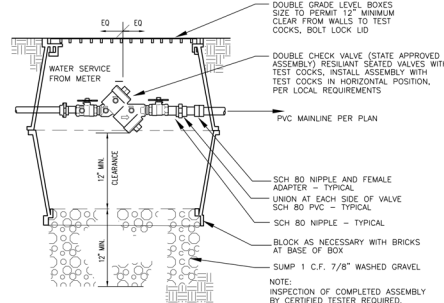
GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN



NOTE: SLEEVING MATERIAL SHALL BE PVC SCH. 40. DIMENSIONS ARE MIN. CLEARANCES. ALL IRRIGATION SLEEVING TRENCH BACKFILL MATERIAL SHALL BE CLASS "B" OR BETTER (MAX. OF 10% PASSING NO.40 SCREEN) AND BE COMPACTED TO MIN. 95% OPTIMUM DENSITY PER ASTM D-1557-70 (MODIFIED PROCTOR).

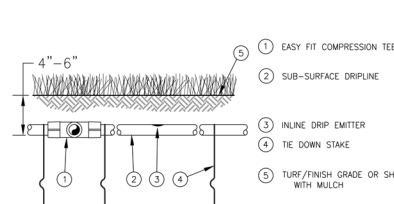
SLEEVE/TRENCHING DETAIL

NOT TO SCALE



CHECK VALVE ASSEMBLY DETAIL

NOT TO SCALE



NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
3. INSERTION PLOW AND TRENCHED INSTALLATIONS DO NOT REQUIRE TIE DOWN STAKES.

DRIPLINE BURIAL

NOT TO SCALE

LANDSCAPE IRRIGATION NOTES

- GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR TO COORDINATE:
 - INSTALLATION OF 110V ELECTRICAL SERVICE FROM ELECTRICAL SOURCE TO AUTOMATIC CONTROLLER, INCLUDING WIRE HOOK-UP INTO MOUNTED CONTROLLER. IRRIGATION CONTRACTOR WILL MOUNT CONTROLLER PER DESIGN AND COORDINATE WITH GENERAL CONTRACTOR.
 - INSTALLATION OF IRRIGATION/SERVICE METER AND STUB TO IRRIGATION POINT OF CONNECTION, PER UTILITY PLANS.
 - PROVIDE STANDARD THREADED STUB-OUT WITH THREADED CAP ON DISCHARGE SIDE OF METER. STUB-OUT TO BE INSTALLED APPROXIMATELY 18 INCHES BELOW FINISH GRADE.
 - VERIFICATION OF STATIC WATER PRESSURE AT POINT-OF-CONNECTION (P.O.C.) CONTRACTOR SHALL NOTIFY OWNER AND BARGHAUSEN CONSULTING ENGINEERS, INC., OF ANY VARIATION IN STATIC PRESSURE OVER 5 PSI GREATER/LESS THAN DESIGN PRESSURE.
 - INSTALLATION OF SLEEVING.
- PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION, AND SERVICES NECESSARY TO FURNISH AND INSTALL A COMPLETE IRRIGATION SYSTEM AS INDICATED ON THE DRAWINGS AND/OR NOTES. PROVIDE A ONE (1) YEAR WARRANTY/GUARANTEE FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS IN MATERIALS, EQUIPMENT, AND WORKMANSHIP.
- COORDINATE IRRIGATION INSTALLATION WITH GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, LANDSCAPE CONTRACTOR, OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
- LANDSCAPE CONTRACTOR TO TEST AVAILABLE WATER PRESSURE PRIOR TO BEGINNING ANY WORK. PROVIDE LANDSCAPE ARCHITECT WITH WRITTEN PSI RESULTS.
- ALL WORK PER LOCAL CODE. INSTALLATION PER MANUFACTURER'S WRITTEN SPECIFICATIONS.
- CONTRACTOR TO OBTAIN AND PAY FOR ALL PERMITS, FEES, AND REQUIRED CITY INSPECTIONS.
- SUBMITTALS:
 - SUBMIT EACH ITEM LISTED BELOW FOR LANDSCAPE ARCHITECT'S REVIEW AND APPROVAL.
 - PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
 - CONTROL WIRING PATH DIAGRAM.
 - "AS-BUILT" DRAWINGS.
 - OPERATION AND MAINTENANCE MANUALS.
- PROVIDE AND KEEP UP TO DATE A COMPLETE "AS-BUILT" RECORD SET OF PRINTS WHICH ARE TO BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS AND NOTES, AND EXACT "AS-BUILT" LOCATIONS, SIZES AND KIND OF EQUIPMENT. THIS SET OF DRAWINGS ARE TO BE KEPT ON SITE AND ARE TO BE USED ONLY AS THE RECORD SET. ALL WORK IS TO BE NEAT AND LEGIBLE ANNOTATIONS THEREON DAILY AS THE WORK PROCEEDS, SHOWING WORK AS ACTUALLY INSTALLED.
 - PERMANENT POINTS OF REFERENCE, BUILDING CORNERS, WALKS, OR ROAD INTERSECTIONS, ETC., THE LOCATION OF THE FOLLOWING:
 - CONNECTION TO WATER LINES (P.O.C.).
 - CONNECTIONS TO ELECTRICAL POWER.
 - GATE VALVE, QUICK COUPLERS, AND REMOTE CONTROL VALVE.
 - ROUTING OF MAINLINE (DIMENSION MAXIMUM 100' ALONG ROUTING).
 - ROUTING OF CONTROL WIRING.
 - OTHER RELATED EQUIPMENT AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- PREPARE AND PROVIDE PRIOR TO COMPLETION OF CONSTRUCTION, A THREE RING BINDER CONTAINING THE FOLLOWING INFORMATION:
 - INDEX SHEET STATING CONTRACTOR'S ADDRESS, TELEPHONE NUMBER, FAX, E-MAIL AND A LIST OF EQUIPMENT WITH NAME AND ADDRESS OF LOCAL MANUFACTURER'S REPRESENTATIVES.
 - CATALOG AND PARTS SHEETS ON EVERY MATERIAL AND EQUIPMENT INSTALLED UNDER THIS CONTRACT.
 - GUARANTEE STATEMENT.
 - COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR EQUIPMENT.
 - CONSTRUCTION DETAILS FROM THE PROJECT.
 - COMPLETE TROUBLE-SHOOTING GUIDE TO COMMON IRRIGATION PROBLEMS.
 - WINTERIZATION AND SPRING START-UP PROCEDURES.
 - CHART OF APPROXIMATE WATERING TIMES FOR SPRING, SUMMER, AND FALL.
 - A COPY OF THE "AS-BUILT" DRAWINGS AND CONTROLLER CHART.
- ALL VALVES TO BE PLACED IN "CARPSON" GRADE LEVEL BOXES WITH BOLT-LOCK LIDS (OR APPROVED EQUIVALENT). SET BOXES 3 INCHES HIGHER THAN FINISH GRADE IN MULCH AREAS AND FLUSH WITH FINISH GRADE IN LAWN AREAS. JUMBO BOX FOR CHECK VALVE, 10" ROUND BOX FOR GATE/QUICK COUPLER/WIRE SPLICES, AND 12" STANDARD FOR CONTROL VALVES. PROVIDE BOX EXTENDING AS REQUIRED.
- MAINLINE PIPE TO BE BURIED 18 INCHES, LATERALS 12 INCHES, AND SLEEVES 24" INCHES BELOW FINISH GRADE. NO ROCK OR DEBRIS TO BE BACKFILLED OVER PIPE.
- HEAD AND LINE POSITIONING IS DIAGNOSTIC ON PLAN. ADJUST IN FIELD AS NECESSARY FOR 100 PERCENT COVERAGE. VALVES TO BE POSITIONED ADJACENT TO PAVEMENT/CURBS, IN SHRUB BEDS WHERE POSSIBLE.
- FAMILIARIZE OWNERS FACILITY OPERATOR WITH IRRIGATION SYSTEM FUNCTION, CONTROLLER PROGRAMMING, SYSTEM OPERATION AND MAINTENANCE REQUIREMENTS.
- SPRINKLERS ON RISERS WILL NOT BE ALLOWED UNLESS NOTED ON PLANS.
- RADIUS REDUCTION TO BE MADE BY USE OF PRESSURE ADJUSTMENT, SCREENS, AND/OR ALTERNATE NOZZLES. IN-NOZZLE ADJUSTMENT IS LIMITED TO 10 PERCENT FOR SPRAY HEADS AND PER MANUFACTURER'S LIMITS FOR OTHER SPRINKLERS. SPRINKLER SPACING NOT EXCEED 60% OF THE DIAMETER OF THE PUBLISHED DATA.
- ALL CONTROL WIRE SPLICES TO BE MADE AT VALVE BOXES WITH WATER TIGHT ELECTRICAL SPLICES. 3M SCOTT'S LOCK SEAL JACK 3576-78, OR EQUIVALENT.
- EACH VALVE BOX TO CONTAIN A MINIMUM OF TWO (2) SPARE ORANGE CONTROL WIRES FOR JACKETED WIRE. ROUTE SPARE WIRES FROM THE CONTROLLER TO THE LAST VALVE OF EACH MAINLINE BRANCH. COMMON WIRE TO BE WHITE. SINGLE STRAND WIRE TO BE A MINIMUM OF 14 GAUGE.
- ALL ELECTRICAL EQUIPMENT TO BE U.L. TESTED AND APPROVED, AND BEAR THE U.L. LABEL.
- CROSS CONNECTION PROTECTION INSPECTION REQUIRED. THE BACKFLOW DEVICE TO BE TESTED UPON THE ORIGINAL INSTALLATION. THE TESTING TO BE PERFORMED BY A PERSON HOLDING A CURRENT CERTIFICATE AS A BACKFLOW TESTER. THE TEST REPORT IS TO BE SUBMITTED TO THE LOCAL WATER DISTRICT, OR PURVEYOR, AND OWNER WITH A COPY TO BARGHAUSEN CONSULTING ENGINEERS, INC. CONTRACTOR TO INCLUDE TESTING IN THE SCOPE OF WORK. OWNER IS RESPONSIBLE FOR ANNUAL INSPECTIONS AFTER THE INITIAL INSPECTION.
- CONTRACTOR TO PROVIDE SYSTEM WINTERIZATION/SPRING SERVICE WHEN INSTALLATION HAS BEEN COMPLETED WITHIN 90 DAYS OF NOVEMBER 1 FOR WINTERIZATION, OR MAY 15 FOR SPRING SERVICE. SERVICE TO BE PERFORMED AS NEAR AS PRACTICAL.

Revision
No. Date By

IRRIGATION PLAN SOUTH
GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

For: KHINDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672



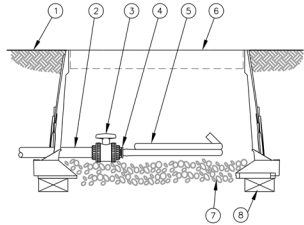
Scale: Horizontal 1"=20' Vertical N/A
Designed: JAV/RE
Drawn: JAV
Checked: JAV
Approved: JAV
Date: 10/13/2010

Barghausen Consulting Engineers, LLC
3025 77th Avenue South
Kirkland, WA 98033
425.251.6222
barghausen.com

Job Number: 22837
Sheet: L6 of 8

P:\22837\22837.dwg 10/12/2010 4:58 PM TIBRETS

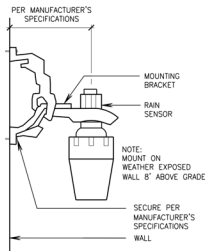
GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN



- 1 FINISH GRADE
- 2 PVC DRIP MANIFOLD PIPE
- 3 PVC 1" X 3/4" TRUE UNION BALL VALVE
- 4 EASY FIT MALE X BARB ADAPTER
- 5 SUB-SURFACE DRIPLINE:
- 6 12-INCH VALVE BOX WITH COVER
- 7 3-INCH MINIMUM DEPTH OF 3/4" WASHED GRAVEL
- 8 BRICK (1 OF 2)

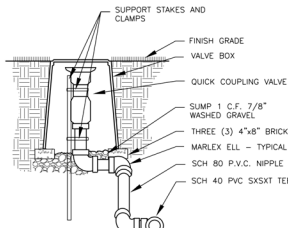
FLUSH POINT WITH BALL VALVE

NOT TO SCALE



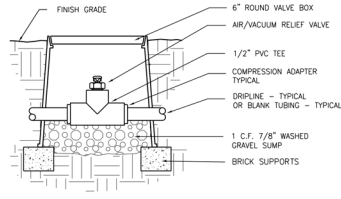
RAIN SENSOR DETAIL

NOT TO SCALE



QUICK COUPLING VALVE DETAIL

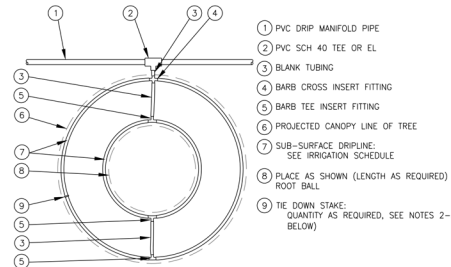
NOT TO SCALE



NOTE:
AIR/VACUUM RELIEF VALVE CANNOT BE CONNECTED LOWER THAN DRIPLINE LATERALS.
FOR USE ON ZONES OF 7 GPM OR LESS ONLY (PLUMBED TO TUBING).

1/2" AIR/VACUUM RELIEF VALVE DETAIL

NOT TO SCALE

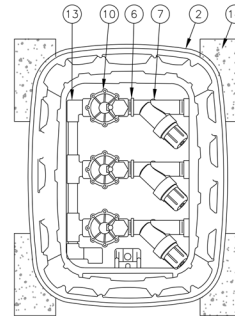


NOTES:
1. DISTANCE BETWEEN LATERAL LINES AND EMITTER SPACING TO BE BASED ON SOIL TYPE, AND TREE CANOPY. SEE MANUFACTURER DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
3. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

DRIPLINE AROUND TREE

NOT TO SCALE

- 1 FINISH GRADE
- 2 STANDARD VALVE BOX WITH COVER:
RAIN BIRD VB-STD
- 3 WATERPROOF CONNECTION:
RAIN BIRD DB SERIES
- 4 VALVE ID TAG
- 5 30-INCH LINEAR LENGTH OF WIRE, COILED
- 6 1" X 3/4" REDUCING COUPLING
(INCLUDED IN XCZ-LF-100-PRF KIT)
- 7 PRESSURE REGULATING FILTER:
RAIN BIRD PRF-100-RBY (INCLUDED IN
XCZ-LF-100-PRF KIT)
- 8 LATERAL PIPE
- 9 PVC SCH 40 FEMALE ADAPTOR OR REDUCER
- 10 REMOTE CONTROL VALVE:
RAIN BIRD LFV-100 (INCLUDED IN
XCZ-LF-100-PRF KIT)
- 11 PVC SCH 40 TEE OR ELL TO MANIFOLD
- 12 3-INCH MINIMUM DEPTH OF 3/4-INCH
WASHED GRAVEL
- 13 MANIFOLD PIPE AND FITTINGS
- 14 MINIMUM FOUR (4) 4"x8" BRICKS

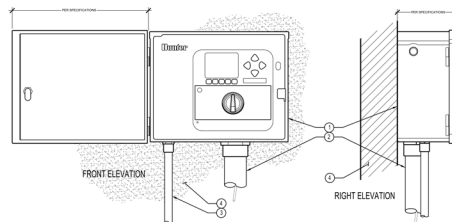


TOP VIEW

SIDE VIEW

DRIPIRIGATION VALVE

NOT TO SCALE

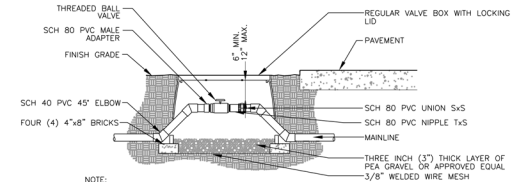


IRRIGATION CONTROLLER, WALL MOUNT

NOT TO SCALE

- LEGEND:
- 1 IRRIGATION CONTROLLER (ACU) PER PLAN
 - 2 IRRIGATION CONTROL WIRE IN CONDUIT
SIZE AND TYPE PER LOCAL CODES
 - 3 ELECTRICAL SUPPLY CONDUIT
CONNECT TO POWER SOURCE AND IN-WIRE
CONTROLLER
 - 4 ADJACENT SURFACE TO MOUNT CONTROLLER PER PLAN

NOTE:
MOUNT CONTROLLER (LSD SCREEN) AT THE LEVEL
CONTROLLER SHALL BE HARDWIRED TO GROUND
110 VAC POWER SOURCE



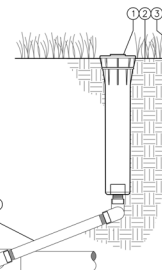
NOTE:
1. LOCATE VALVE BOXES IN PLANTING AREAS.
2. WRAP VALVE BOX WITH A MINIMUM OF 3 MIL THICK PLASTIC
AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.
3. ALL THREADED CONNECTIONS TO BE MADE USING TEFLON TAPE.
4. ALL CHANGES IN ELEVATION SHALL BE MADE USING SCH 40
PVC 45° ELBOWS.

BALL VALVE DETAIL

NOT TO SCALE

LEGEND

- 1 HUNTER POP-UP BODY (PROS-06),
NOZZLE AND CAP PER PLAN
- 2 FINISHED GRADE
- 3 ADJACENT LANDSCAPE
- 4 LATERAL PIPE PER PLAN
- 5 LATERAL FITTING PER PLAN
- 6 FIELD-BUILT OR PRE-BUILT SWING ARM



POP UP TREE BUBBLER

NOT TO SCALE

IRRIGATION DETAILS

GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

For: KHINDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672



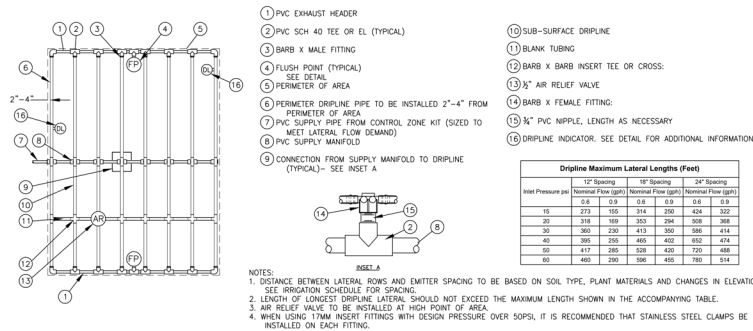
Scale: Horizontal N/A, Vertical N/A
Designed: JH/RE, Drawn: JH/RE, Checked: JH/RE, Approved: JH/RE, Date: 10/13/2022

Barghausen Consulting Engineers, LLC
18225 77th Avenue South
Kirkland, WA 98033
425.251.6222
barghausen.com

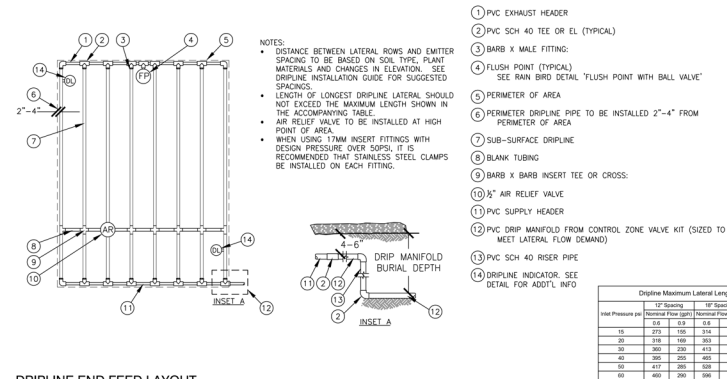


Job Number: 22837, Sheet: 8 of 8

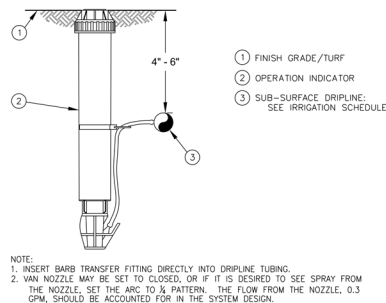
GREEN VALLEY COMMERCIAL PRELIMINARY LANDSCAPE PLAN



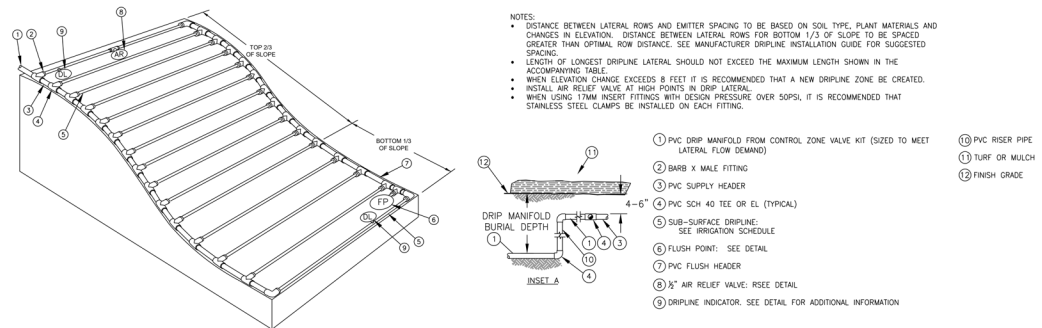
DRIFLINE CENTER FEED LAYOUT
NOT TO SCALE



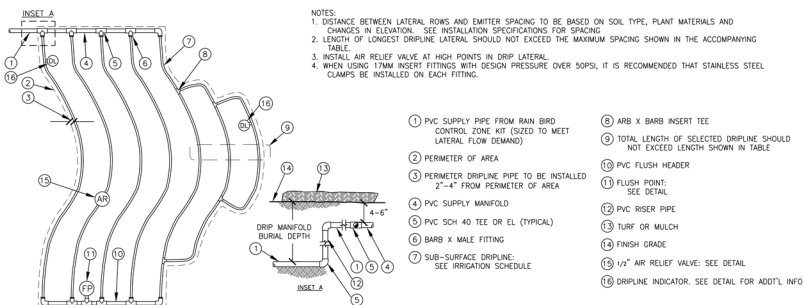
DRIFLINE END FEED LAYOUT
NOT TO SCALE



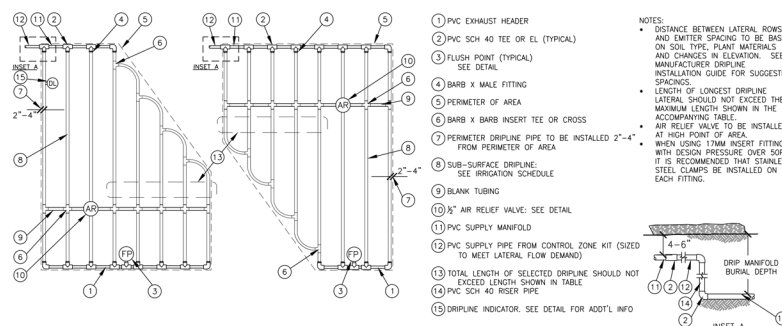
DRIP IRRIGATION DRIFLINE INDICATOR
NOT TO SCALE



DRIFLINE SLOPED LAYOUT
NOT TO SCALE



DRIFLINE ODD CURVES LAYOUT
NOT TO SCALE



DRIFLINE IRREGULAR SHAPED LAYOUT
NOT TO SCALE

IRRIGATION DETAILS

GREEN VALLEY COMMERCIAL CENTER
3060 GREEN VALLEY ROAD
CAMERON PARK, CA 95672

KHINDA PETROLEUM, INC.
3940 CAMBRIDGE ROAD
CAMERON PARK, CALIFORNIA 95672

For:



Scale: Horizontal N/A, Vertical N/A

Designed: JH/RE, Drawn: JH/RE, Checked: JH/RE, Approved: JH/RE, Date: 10/13/25

Barghausen Consulting Engineers, LLC
16216 77th Avenue South
Kirkland, WA 98033
425.251.6222
barghausen.com



Job Number: 22837, Sheet: L8 of 8