



## LANDSCAPE NOTES:

- CONTRACTOR SHALL REPORT TO DESIGN PROFESSIONAL ALL CONDITIONS WHICH IMPAIR AND/OR PREVENT THE PROPER EXECUTION OF THIS WORK, PRIOR TO BEGINNING WORK.
- NO MATERIALS SHALL BE MADE WITHOUT THE DESIGN PROFESSIONAL'S PRIOR WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED.
- COORDINATE ALL WORK WITH ALL OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- COORDINATE WORK SCHEDULE AND OBSERVATIONS WITH DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION START-UP.
- ALL PLANT MATERIAL SHALL BE APPROVED AS PER DETAILS.
- ALL PLANT MATERIAL SHALL CONFORM TO THE AMERICAN NURSERYMAN STANDARDS FOR TYPE AND SIZE SHOWN. PLANTS WILL BE REJECTED IF NOT IN A SOUND AND HEALTHY CONDITION.
- IN THE EVENT OF A PLANT COUNT DISCREPANCY, PLANT SYMBOLS SHALL OVERRIDE SCHEDULE QUANTITIES AND CALL OUT SYMBOL NUMBERS.
- ALL PLANTING BEDS SHALL BE COVERED WITH A MINIMUM 3" DEPTH OF LARGE (2" MINUS) BARK MULCH. SUBMIT SAMPLE FOR APPROVAL.
- ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR, BEGINNING AT THE DATE OF ACCEPTANCE BY THE OWNER. REPLACE ALL PLANT MATERIAL FOUND DEAD OR NOT IN A HEALTHY CONDITION IMMEDIATELY WITH THE SAME SIZE AND SPECIES AT NO COST TO THE OWNER.
- FINISH GRADES SHALL PROVIDE A SMOOTH TRANSITION WITH ADJACENT SURFACES. ENSURE POSITIVE DRAINAGE IN ACCORDANCE WITH THE SLOPING PLAN.
- AMEND EXISTING APPROVED TOPSOIL AT A RATIO OF THREE CUBIC YARDS OF APPROVED COMPOST PER 1000 SQUARE FEET. ROTOTILL ORGANIC MATTER A MINIMUM 6" INCHES INTO TOPSOIL.
- FERTILIZE ALL TREES AND SHRUBS WITH 'AGRFORM' PLANTING TABLETS.
- ALL PLANT MATERIAL SHALL HAVE A MINIMUM 18" DEPTH OF TOPSOIL. LAWN AREAS SHALL HAVE A MINIMUM 12" DEPTH OF TOPSOIL. SPREAD COMPACT, AND FINE GRADE TOPSOIL TO A SMOOTH AND UNIFORM GRADE 3" BELOW ADJACENT SURFACES OF PLANTER BED AREAS, 1-1/2" BELOW ADJACENT SURFACES OF TURF SOD AREAS, AND 1" BELOW ADJACENT SURFACES OF TURF SEED AREAS.
- REUSE EXISTING TOPSOIL STOCKPILED ON THE SITE. SUPPLEMENT WITH IMPORTED TOPSOIL AS QUANTITIES ARE REQUIRED. ENSURE VERIFIED SUITABILITY AND CONDITION OF TOPSOIL AS A GROWING MEDIUM, FERTILY SOIL TEST ANALYSIS AND PROVIDE ADDITIONAL AMENDMENT AS DETERMINED BY SOIL TESTS. TOPSOIL SHALL BE A LOOSE, FRIABLE, SANDY LOAM, CLEAN AND FREE OF TOXIC MATERIALS, NOXIOUS WEEDS, WEED SEEDS, ROCKS, GRASS OR OTHER FOREIGN MATERIAL AND HAVE A PH OF 5.5 TO 7.0. IF ON SITE TOPSOIL DOES NOT MEET THESE MINIMUM STANDARDS, CONTRACTOR IS RESPONSIBLE TO EITHER:
  - PROVIDE APPROVED IMPORTED TOPSOIL, OR
  - IMPROVE ON-SITE TOPSOIL WITH METHODS APPROVED BY THE DESIGN PROFESSIONAL.
- IF IMPORTED TOPSOIL FROM OFF-SITE SITES IS REQUIRED, ENSURE IT IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH NEEDS AND OTHER LITTER, AND FREE OF ROOTS, STICKS, STONES, LARGEScale ROCKS, ORGANIC MATTER AND OTHER EXTRANEous OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
  - OBTAIN TOPSOIL FROM LOCAL SOURCES OR FROM AREAS HAVING SIMILAR SOIL CHARACTERISTICS TO THOSE FOUND ON THE PROJECT SITE. OBTAIN TOPSOIL ONLY FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT A DEPTH OF NOT LESS THAN 4 INCHES.
  - REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY AND FINE TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT TESTING AGENCY. TESTS AND TESTING AGENCY FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED BY THE CONTRACTOR. NO TOPSOIL SHALL BE DELIVERED IN A FROZEN OR MUDDY CONDITION.
  - ACIDITY/ALKALINITY RANGE - PH. 5.5 TO 7.0.
  - IMMEDIATELY CLEAN UP ANY TOPSOIL OR OTHER DEBRIS ON THE SITE CREATED FROM LANDSCAPE OPERATIONS AND DISPOSE OF PROPERLY OUTSIDE THE SITE.
  - TREES SHALL NOT BE PLANTED WITHIN THE 10'-0" CLEAR ZONE OF ALL A.C.H.D. STORM DRAIN PIPE, STRUCTURES, OR FACILITIES. TREES SHALL NOT BE PLANTED WITHIN 5'-0" OF AN A.C.H.D. SIDEWALK.
  - ANY PERENNIAL TREES OR PLANTS THAT WILL EXTEND ROOTS DEEPER THAN 18" SHALL BE PROHIBITED OVER A.C.H.D. UNDERGROUND SEWAGE BEDS, SEWAGE TREATMENT FACILITIES OR PIPING SYSTEMS.
  - SEEDS OF FERNS, GRASS, AND FORBING PLANT SPECIES MUST BE PROTECTED FROM ANY AND ALL CONTAMINATION DURING THE CONSTRUCTION AND INSTALLATION OF THE LANDSCAPE IRRIGATION SYSTEM.
  - IN THE EVENT OF A DISCREPANCY, NOTIFY THE DESIGN PROFESSIONAL IMMEDIATELY.

## LANDSCAPE AREA

### PREPARATION NOTES:

- LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED.
- NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 6" INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEous MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
  - REPLACE PLANTING SOIL TO A DEPTH OF 12 INCHES IN TURF AREAS AND 18 INCHES AT SHRUB BED AREAS BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FINE, DUSTY, OR DRY. USE FINE TOPSOIL.
  - SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
  - REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF SOD OR SEED.
- UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SoIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
  - REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
  - LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. PROVIDE KNEE-ABLATED PROCEDURE. APPLY SOIL AMENDMENTS AS PER PLANTER. AMENDMENT TO A 100% APPROVED EQUAL SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
  - APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSING.
  - REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEous MATTER.
  - LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
- FINISH GRADES: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE. REMOVE DUST, DIRT, AND DUST. DO NOT SPREAD PLANTING SOIL OR SUBGRADE TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE. MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
- BEFORE PLANTING, OBTAIN DESIGN PROFESSIONAL'S ACCEPTANCE OF FINISH GRADES. RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADES.
- DO NOT SOW IMMEDIATELY FOLLOWING RAIN, OR WHEN GROUND IS TOO DRY. TEMPERATURE SHALL BE BETWEEN 55 F. AND 45 F. FOR A 24 HOUR PERIOD. WIND SHALL BE LESS THAN 5 MPH.

### WEED ABATEMENT NOTES:

- ALL AREAS TO BE PLANTED OR HYDROSEEDED SHALL HAVE NEED ABATEMENT OPERATIONS PERFORMED ON THEM PRIOR TO PLANTING OR HYDROSEEDING.
- CONTRACTOR SHALL SPRAY ALL EXPOSED NEEDS WITH GROUND-UPA (G.U.) (EQUATED) OR APPROVED EQUAL.
- DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE EXPOSED NEEDS FROM THE SITE.
- CONTRACTOR SHALL OPERATE THE AUTOMATIC IRRIGATION SYSTEM FOR A PERIOD OF FOURTEEN (14) DAYS. AT CONCLUSION OF THIS WATERING PERIOD, DISCONTINUE WATERING FOR THREE TO FIVE (3-5) DAYS.
- APPLY SECOND APPLICATION OF GROUND-UPA TO ALL EXPOSED NEEDS. APPLY IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE NEEDS FROM THE SITE.
- IF ANY EVIDENCE OF NEED GERMINATION EXISTS AFTER TWO (2) APPLICATIONS, CONTRACTOR SHALL BE DIRECTED TO PERFORM A THIRD APPLICATION.
- AT THE TIME OF PLANTING AND HYDROSEEDING, ALL PLANTING AREAS SHALL BE NEED FREE.

## TURF AREA PREPARATION NOTES:

- LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED.
- NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEous MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
- SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
- REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF 1" (100%).
- UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SoIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
  - REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
  - LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. PROVIDE KNEE-ABLATED PROCEDURE. APPLY SOIL AMENDMENTS AS PER PLANTER. AMENDMENT TO A 100% APPROVED EQUAL SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
  - APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSING.
  - REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEous MATTER.
  - LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
- FINISH GRADES: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE. REMOVE DUST, DIRT, AND DUST. DO NOT SPREAD PLANTING SOIL OR SUBGRADE TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE. MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
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## TOPSOIL NOTES

- TOPSOIL REQUIREMENTS: ASTM D 5260, PH RANGE OF 5.5 TO 7.0, FOUR PERCENT ORGANIC MATERIAL, MINIMUM, FREE OF STONES 1/2 INCH OR LARGER IN ANY DIMENSION, AND OTHER EXTRANEous MATERIAL HARMFUL TO PLANT GROWTH.
- TOPSOIL SOURCE: STRIP EXISTING TOPSOIL FROM ALL AREAS OF THE SITE. REMOVE STONE, BRUSH, WEEDS, AND OTHER LITTER, AND FREE OF ROOTS, STICKS, STONES, LARGEScale ROCKS, ORGANIC MATTER, LARGER THAN 2 INCHES IN ANY DIMENSION, AND OTHER EXTRANEous OR TOXIC MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED TO ACHIEVE THIS REQUIREMENT.
- REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY AND FINE TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT TESTING AGENCY AND COPY OF THE TESTING AGENCY FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED TO THE ARCHITECT'S REPRESENTATIVE BY THE CONTRACTOR. ALL TOPSOIL SHALL BE AMENDED TO ACHIEVE SPECIFIED PH AND ORGANIC REQUIREMENTS. RE-TEST TOPSOIL PRIOR TO FINAL COMPLETION TO ENSURE REQUIREMENTS HAVE BEEN MET. NO TOPSOIL SHALL BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION.
- PLACE TOPSOIL IN AREAS WHERE REQUIRED TO OBTAIN THICKNESS AS SCHEDULED. PLACE TOPSOIL DURING DRY WEATHER. PROVIDE ADDITIONAL IMPORTED TOPSOIL REQUIRED TO BRING SURFACE TO PROPOSED FINISH GRADE AS REQUIRED.
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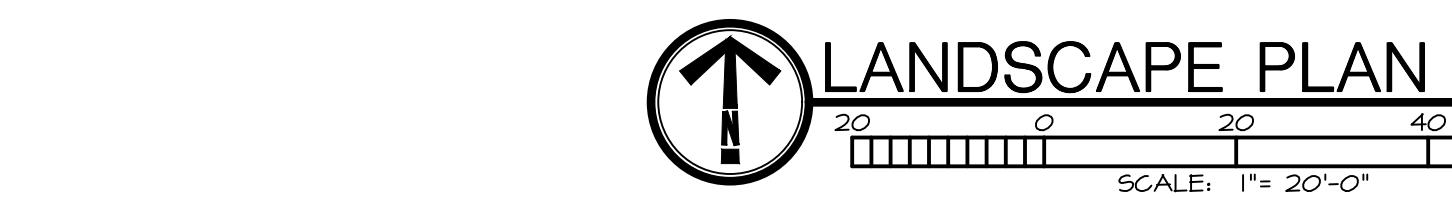
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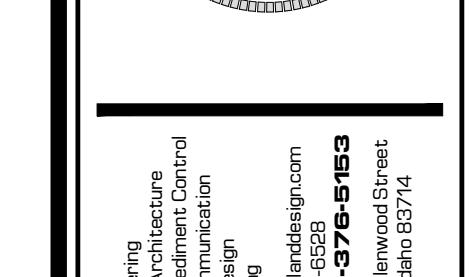
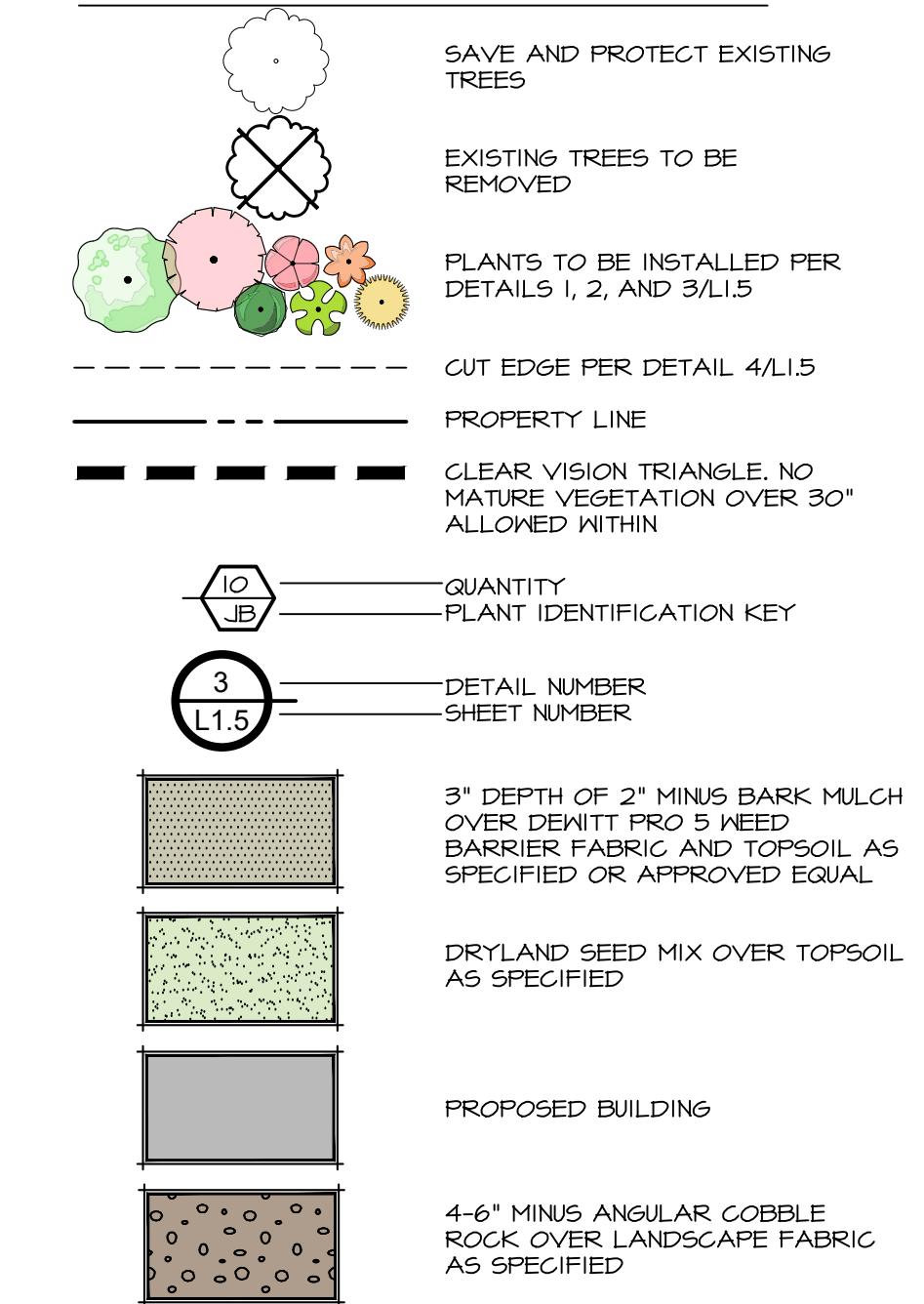
LANDSCAPE PLAN

SCALE: 1" = 20'-0"

## LANDSCAPE REQUIREMENTS

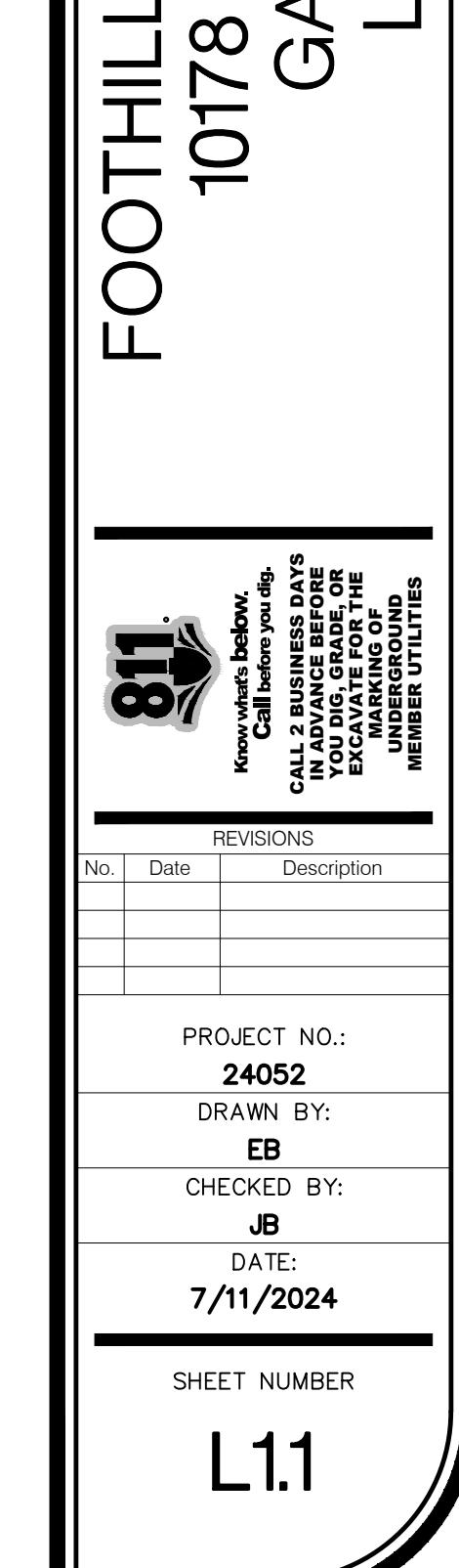
PARKING LOT		
Requirements:	REQUIRED	PROVIDED
1 TREE / 5 PARKING SPACES	5 TREES	5 TREES
W CARLTON BAY DR - 114 LF		
Requirements:	REQUIRED	PROVIDED
I CLASS I OR III TREE / STREET FRONTAGE PLUS ONE CLASS I TREE / 50 LF	3 TREES	3 TREES
W STATE ST - 114 LF		
Requirements:	REQUIRED	PROVIDED
I CLASS II OR III TREE / STREET FRONTAGE PLUS ONE CLASS I TREE / 50 LF	3 TREES	3 TREES
GENERAL		
Requirements:	REQUIRED	PROVIDED
MIN. 5% OF SITE AREA SHALL BE LANDSCAPED	5% OR 1.75 SF	14% OR 3,444 SF
Requirements:	REQUIRED	PROVIDED
MIN. 1' SHRUB/ 150 SF OF LANDSCAPED AREA	31 SHRUBS	48 SHRUBS

## LANDSCAPE LEGEND



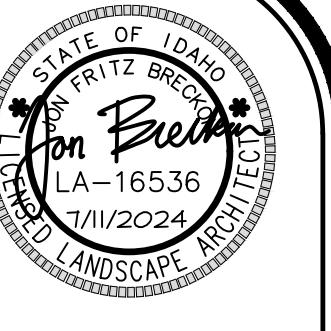
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## FOOTHILLS FUNCTIONAL MEDICINE 10178 W CARLTON BAY DR GARDEN CITY, IDAHO LANDSCAPE PLAN

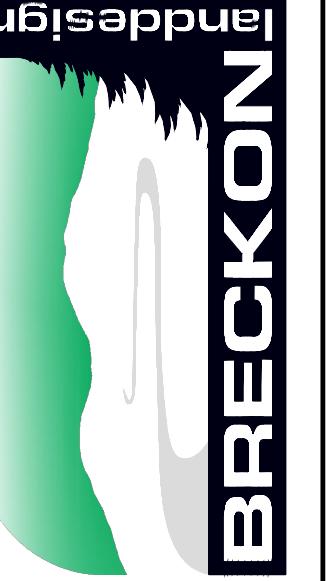


## PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
DECIDUOUS SHADE TREES						
●	AG	2	Acer griseum	Paperbark Maple	2" Cal. B&B	30" x 20" W CLASS II
●	AT	7	Acer truncatum x platanoides 'Warrenred'	Pacific Sunset Maple	2" Cal. B&B	30" x 25" W CLASS II
●	CC	3	Corylus colurna	Turkish Filbert	2" Cal. B&B	50" x 30" W CLASS II
●	GU	4	Quercus macrocarpa 'JFS-KNB'	Urban Pinnacle Oak	2" Cal. B&B	

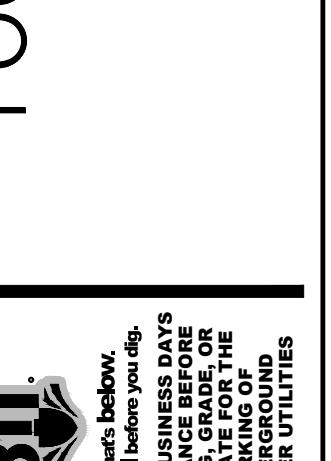


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criminal prosecution.

## FOOTHILLS FUNCTIONAL MEDICINE 10178 W CARLTON BAY DR GARDEN CITY, IDAHO LANDSCAPE DETAILS



REVISIONS  
No. Date Description

PROJECT NO.: 24052  
DRAWN BY: EB  
CHECKED BY: JB  
DATE: 7/11/2024  
SHEET NUMBER: L15

THE PROFESSIONAL SERVICES OF THE DESIGN PROFESSIONAL ARE UNDERTAKEN ON DUE DILIGENCE AND PROVIDED IN THE INTEREST OF THE CLIENT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE DESIGN PROFESSIONAL FOR ANY OTHER PERSON INVOLVED IN THE PROJECT.

## DRYLAND SEEDING REQUIREMENTS

### GENERAL OVERVIEW

THIS REPORT OUTLINES RECOMMENDED REVEGETATION AND SLOPE STABILIZATION MEASURES FOR DISTURBED CUT AND FILL SLOPES WITHIN THE PROJECT LIMITS AS DEFINED ON THE ACCOMPANYING PLAN WHICH WILL BE SEEDED WITH THE DRYLAND SEED MIX AND NOT IRRIGATED. THESE RECOMMENDATIONS ARE MADE TO PREVENT SHORT TERM AND LONG TERM SOIL EROSION AS WELL AS TO PROVIDE AN AESTHETIC REVEGETATION WHICH WILL BLEND WITH THE EXISTING NATURAL SURROUNDING AREA. THE MEASURES INCLUDE REVEGETATION AND HYDROMULCHING PROCEDURES FOLLOWING TOPSOIL DISTRIBUTION AND FINE GRADING. THE AREA TO BE REVEGETATED CONSISTS OF ALL DISTURBED AREAS RELATED TO GRADING FOR CONSTRUCTION AND ANY OTHER AREAS DISTURBED IN THE PROCESS OF CONSTRUCTION. THE SLOPES TO BE AFFECTED VARY WIDELY IN DEGREE AND ASPECT.

### GENERAL EARTHWORK

ALL WORK SHALL BE LIMITED TO THE AREA REQUIRED FOR CONSTRUCTION WITH MINIMAL, IF ANY, DISTURBANCE TO THE SURROUNDING NATURAL SLOPE OR VEGETATION. ALL FINISHED GRADES SHALL BE SMOOTH AND ROUNDED TO ENSURE A NATURAL TRANSITION BETWEEN NEW AND EXISTING GRADES. REFER TO GRADING AND DRAINAGE PLANS FOR ADDITIONAL REQUIREMENTS.

### SITE PREPARATION

EARTHWORK PROCESS SHOULD BEGIN WITH CLEARING LARGE SHRUBS FROM THE AREAS TO BE DISTURBED. WOODY STEM AND BRANCHES SHALL BE CHIPPED ON SITE TO IMPROVE THE AMOUNT OF ORGANIC MATERIAL IN THE TOP SOIL. NATURAL TOPSOIL OCCURS AT VARYING DEPTHS ON THE PROJECT SITE. THE TOPSOIL SHOULD BE EXCAVATED AND STOCKPILED AT DESIGNATED STORAGE AREAS PRIOR TO THE PROPOSED GRADING OPERATIONS.

### TOPSOIL DISTRIBUTION

ONCE THE GENERAL EARTHWORK IS COMPLETE AND ROUGH GRADING HAS BEEN ACCOMPLISHED, THE TOPSOIL SHOULD BE REDISTRIBUTED OVER THE AREA TO MINIMUM DEPTHS AS SPECIFIED. WHERE NEEDED, SLOPES SHOULD BE GRADED WITH SERRATION TO HOLD TOPSOIL ADEQUATELY. TOPSOIL SHOULD BE SPREAD AND LIGHTLY COMPACTED UTILIZING A SMALL CLEATED TRACTOR MOVING PERPENDICULAR TO THE CONTOURS OR ANOTHER METHOD WITH EQUAL CAPABILITY. IT IS OUR RECOMMENDATION THAT ANY NECESSARY MECHANICAL MEANS OF EROSION CONTROL BE IN PLACE PRIOR TO BEGINNING SITE DISTURBANCE.

ONCE TOPSOIL HAS BEEN DISTRIBUTED AND GRADED, REVEGETATION SEEDING SHALL FOLLOW IMMEDIATELY. IN ORDER TO ELIMINATE SURFACE CRUSTING AND TO FACILITATE BETTER ROOT PENETRATION, THE SURFACE SHOULD BE SCARIFIED PRIOR TO SEEDING.

### SEEDING

APPLY SEED TO THE PROJECT SITE BY HYDROSEEDING. THE FOLLOWING INFORMATION PROVIDES MATERIAL AND EXECUTION FOR SEEDING.

#### SEED MIXTURE: PURE LIVE SEED % MIX

HARD FESCUE	25
CREEPING RED FESCUE	25
SHEEP FESCUE	25
WINGLEY CHEEKINGS FESCUE	25
TOTAL SEED	40 LBS PURE LIVE SEED INSTALL @ 25 LBS / ACRE

### FIBER MULCH MATERIAL

GROW NUTRIBASE FROM QUATTRO ENVIRONMENTAL, A COMPOSTED POULTRY BASED MULCH MATERIAL FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS. APPLY AT THE RATE OF 2000 LBS. PER ACRE.

### ORGANIC SOIL AMENDMENT

GROW NUTRIBOOST FROM QUATTRO ENVIRONMENTAL (OR APPROVED EQUAL) APPLIED AT 5 GALLONS PER ACRE.

### TACKIFIER

MULCH TACKIFIER SOIL STABILIZER - ECOLOGY CONTROLS M-BINDER. TACKIFIER APPLIED AT THE RATE OF 80 LBS. PER ACRE.  
GRANITE SEED  
1647 WEST 100 NORTH  
P.O. BOX 174  
LEHI, UTAH 84043  
(OR APPROVED EQUAL)

### HYDROSEEDING

MIX SPECIFIED SEED AND ORGANIC SOIL AMENDMENT IN WATER PER MANUFACTURER'S RECOMMENDATIONS. APPLY SEDED SLURRY EVENLY IN TWO INTERSECTION DIRECTIONS. DO NOT HYDROSEED AREA IN EXCESS OF THAT WHICH CAN BE MULCHED ON SAME DAY. KEEP OFF ROADS, WALKS, STRUCTURES AND AREAS NOT TO BE MULCHED. CLEAN UP THESE AREAS. AFTER HYDROSEED, TRACK IN SEED USING A CLEATED CRAWLER WITH TRACK MARKS PERPENDICULAR TO THE SLOPE. AFTER TRACKED, MULCH SLOPE WITH 2000 LBS. PER ACRE OF FERTILE-FIBER MULCH MATERIAL AND 80 LBS. PER ACRE OF TACKIFIER.

### Maintenance

IMMEDIATELY RESEED AREAS WHICH SHOW BARE SPOTS. MINIMUM ACCEPTABLE PLANT COVERAGE IS 80 PERCENT AFTER ONE GROWING SEASON. PROTECT SEDED AREAS WITH WADING SIGNS DURING MAINTENANCE PERIOD. THE SEED WILL REQUIRE APPROXIMATELY NINETY (90) DAYS OF FAVORABLE GROWING CONDITIONS TO GERMINATE AND BECOME ESTABLISHED FOR SUCCESSFUL SURVIVAL WITH NORMAL MINIMAL SUMMER PRECIPITATION.

### SEEDING TIME

THE OPTIMAL SEEDING TIME SHALL BE IN FALL, BETWEEN MID SEPTEMBER AND MID OCTOBER. IF SEEDING IS APPLIED TOO EARLY OR TOO LATE AND PROPER GERMINATION IS NOT REALIZED PRIOR TO FALL DORMANCY, THEN RESEEDING SHALL BE APPLIED IN EARLY SPRING, AS SOON AS SOIL IS WORKABLE (NOT MUDDY) BETWEEN MARCH AND MID MAY. THIS PLANTING TIME PROVIDES THE OPTIMUM WEATHER CONDITIONS FOR SEED GERMINATION AND SEEDLING SURVIVAL RATE. SEEDING AFTER NOVEMBER 20, DORMANT SEEDING INSURES THAT THE SEED DOES NOT GERMINATE PRIOR TO FREEZING WINTER TEMPERATURES AND SEED SHOULD BE IN PLACE FOR THE EARLY SPRING RAINS.

### WATER

THE CONTRACTOR WILL PROVIDE SUPPLEMENTAL WATER TO ENSURE PROPER SEED GERMINATION.

### FERTILIZATION

FERTILIZATION IS NOT RECOMMENDED FOR RECLAMATION SEEDING DUE TO PROMOTION OF WEED COMPETITION. IF WEEDS ARE APPARENT, CONTACT DESIGN PROFESSIONAL FOR WEED REMOVAL REQUIREMENTS.

### EROSION CONTROL

UNDER NORMAL CIRCUMSTANCES AND ADHERENCE TO THE CONSTRUCTION PRACTICES DESCRIBED IN THE SPECIFICATIONS, THE ABOVE RECOMMENDED EROSION CONTROL MEASURE SHOULD PROVIDE A STABLE SLOPE CONDITION. TO AVOID INCIDENTAL EROSION, IT IS IMPERATIVE THAT THE SLOPES, WHEN PREPARED, REMAIN UNDISTURBED UNTIL SEEDING GERMINATES AND IS ESTABLISHED.

AN 80% VEGETATION COVER IS RECOMMENDED TO CONTROL EROSION. SURFACE CONDITIONS SHOULD BE MONITORED DAILY. IF EROSION DETRIMENTAL TO THE SLOPE IS OBSERVED OR ANTICIPATED DUE TO EXCESSIVE RAINFALL, REMEDIAL MEASURES SHALL BE IMPLEMENTED AS REQUIRED. REFER TO THE STORM WATER POLLUTION PREVENTION PLAN FOR ADDITIONAL REQUIREMENTS.

4.

SEED SHALL BE HYDROSEEDED OR DRILL SEEDED AT THE CONTRACTOR'S OPTION. AREAS WITH A 4:1 OR GREATER SLOPE SHALL BE HYDROSEEDED.

## SEED AREA PREPARATION

### NOTES:

- LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED. ONLY GRADED SUBGRADES. LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEous MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
- SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
- REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF 30MM.
- UNCHANGED SUBGRADES. IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SOIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
  - REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
  - LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. PROVIDE ADEABEMENT PROCEDURE. APPLY SOIL AMENDMENTS AND FERTILIZERS ACCORDING TO PLANTING SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
  - APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSENING.
  - REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEous MATTER.
  - LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
- FINISH GRADING. GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
- MOVE PLANTING AREAS BEFORE PLANTING. IF SOIL DRIES OUT, THOROUGHLY AND ALLOW DRAKE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
- BEFORE PLANTING, OBTAIN DESIGN PROFESSIONAL'S ACCEPTANCE OF FINISH GRADING; RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING.
- DO NOT SOW SEED IMMEDIATELY FOLLOWING RAIN, OR WHEN GROUND IS TOO WET. TEMPERATURE SHOULD BE BETWEEN 55 F AND 45 F FOR A 24 HOUR PERIOD. WIND SHOULD BE LESS THAN 5 MPH.
- TURF SEED SHALL BE SOWN AT A RATE PER SEED SUPPLIER'S RECOMMENDATIONS.
- SEED SHALL BE HYDROSEEDED OR DRILL SEEDED AT THE CONTRACTOR'S OPTION. AREAS WITH A 4:1 OR GREATER SLOPE SHALL BE HYDROSEEDED.

1. THE STAKING OF TREES IS TO BE THE CONTRACTOR'S OPTION; HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL TREES ARE PLANTED STRAIGHT AND THAT THEY REMAIN STRAIGHT FOR LENGTH OF WARRANTY PERIOD OR 1 YEAR, WHICHEVER IS GREATER. ALL TREES SHALL BE REMOVED IF THEY FAIL DURING THE WARRANTY PERIOD.

- IN THE EVENT OF A QUESTION OR LACK OF CLARITY ON THE DRAWINGS, THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT BEFORE PROCEEDING.
- LANDSCAPE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO INSTALLATION OF PLANT MATERIAL.
- PROVIDE RUBBER CINCH TIES AROUND THE TREE TRUNKS AND STAKES USING EITHER THE STANDARD OR LIGHT TIGHT TYING METHOD. SECURE THE TIES TO THE STAKES WITH GALVANIZED NAILS TO PREVENT SLIPPAGE.
- WATER TREE TWICE WITHIN THE FIRST 24 HOURS.
- IN THE EVENT HARDPAN SOILS PREVENT TREE PLANTING AS DETAILED, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY.
- FOR TREES LOCATED WITHIN ROADSIDE PLANTERS LESS THAN 8'-0" IN WIDTH, PROVIDE 24" TREE ROOT BARRIER (DEPROOF 24-2 OR APPROVED EQUAL). LOCATE ROOT BARRIER AT BACK OF CURB AND EDGE OF SIDEWALK. INSTALL PER MANUFACTURE'S RECOMMENDATIONS. ALL TREE INSTALLATIONS SHALL CONFORM TO ALLGENCY APPROVAL REQUIREMENTS, CONTRACTOR SHALL VERIFY PRIOR TO ANY INSTALLATION.

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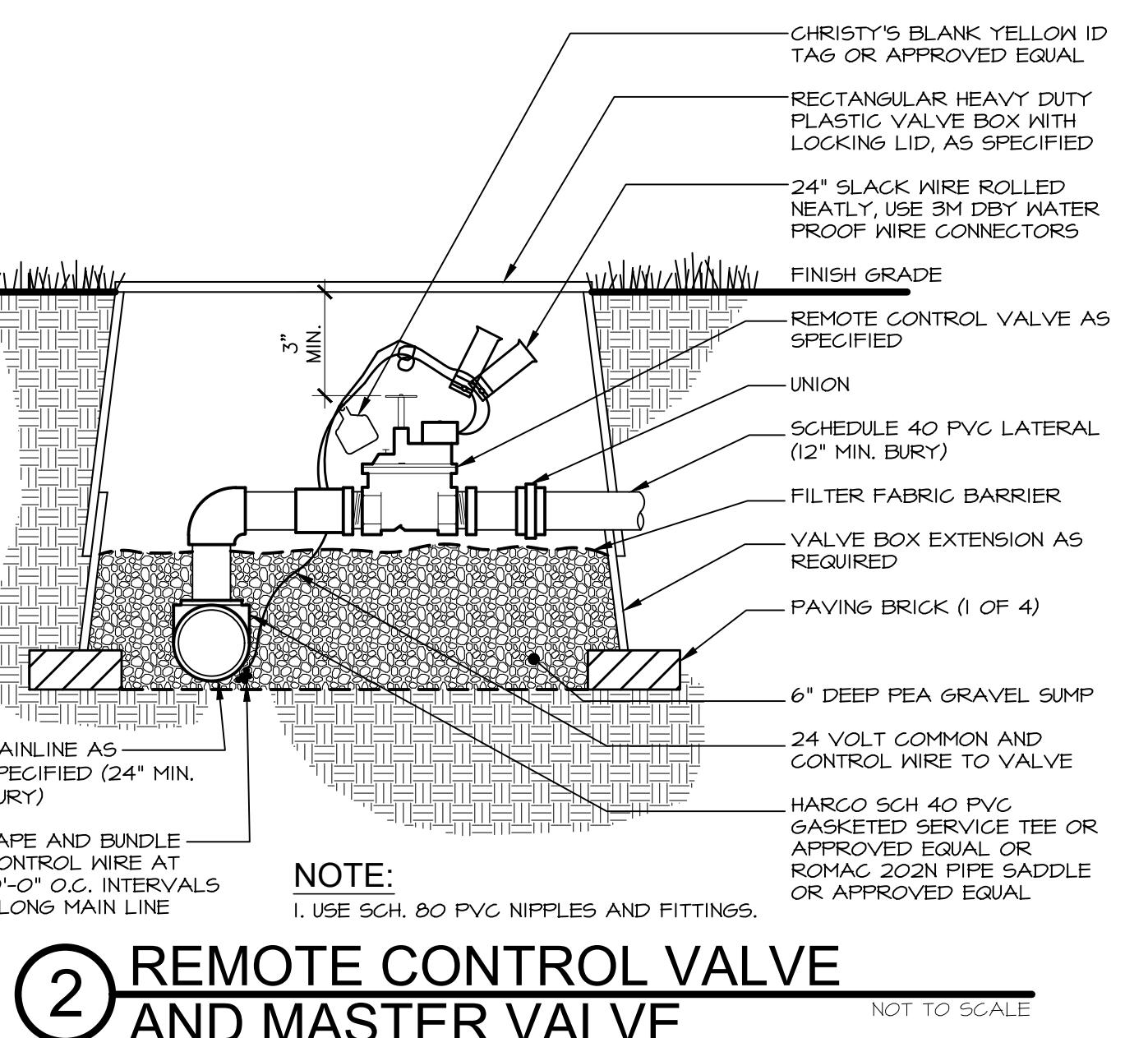
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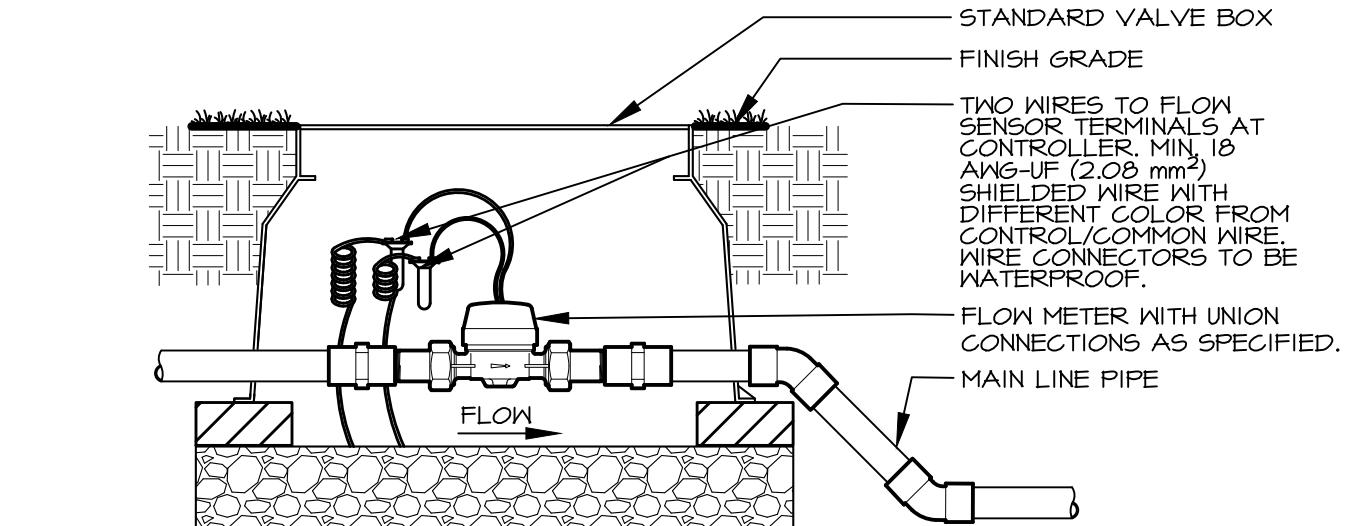
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## 1 ECO INDICATOR



## 2 REMOTE CONTROL VALVE AND MASTER VALVE



NOTE:  
1. INLET PIPE LENGTH OF SENSOR MUST BE MIN. 10X PIPE DIA. STRAIGHT, CLEAN RUN OF PIPE, NO FITTINGS OR TURNS. OUTLET PIPE LENGTH OF SENSOR MUST BE MIN. 5X PIPE DIA. OF STRAIGHT CLEAN RUN OF PIPE, NO FITTINGS OR TURNS. FITTINGS TO BE SCH 80 PVC SOLVENT WELD.

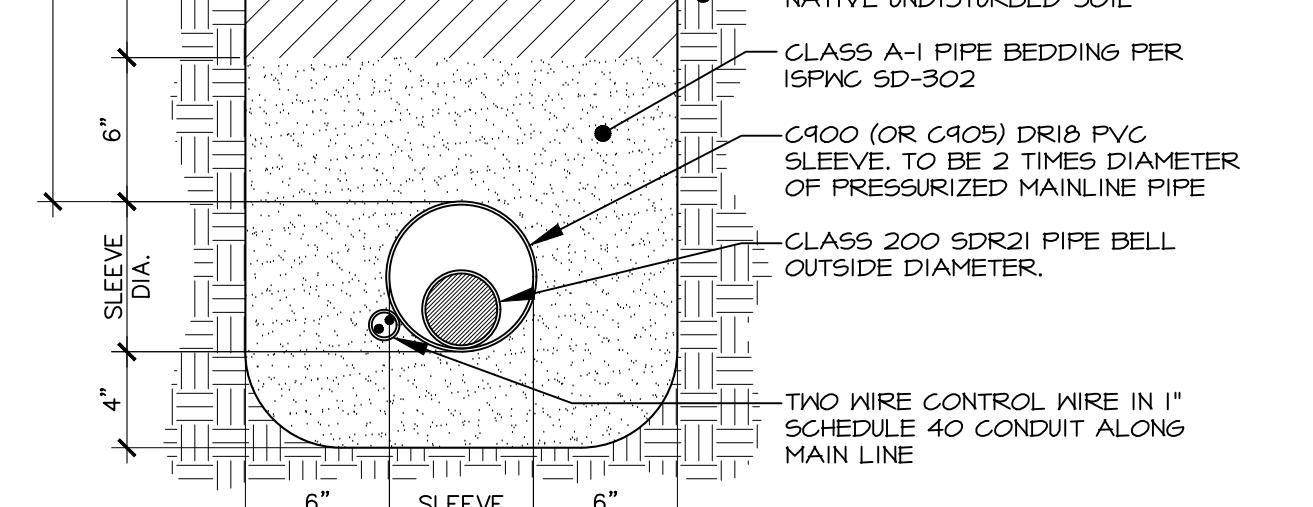
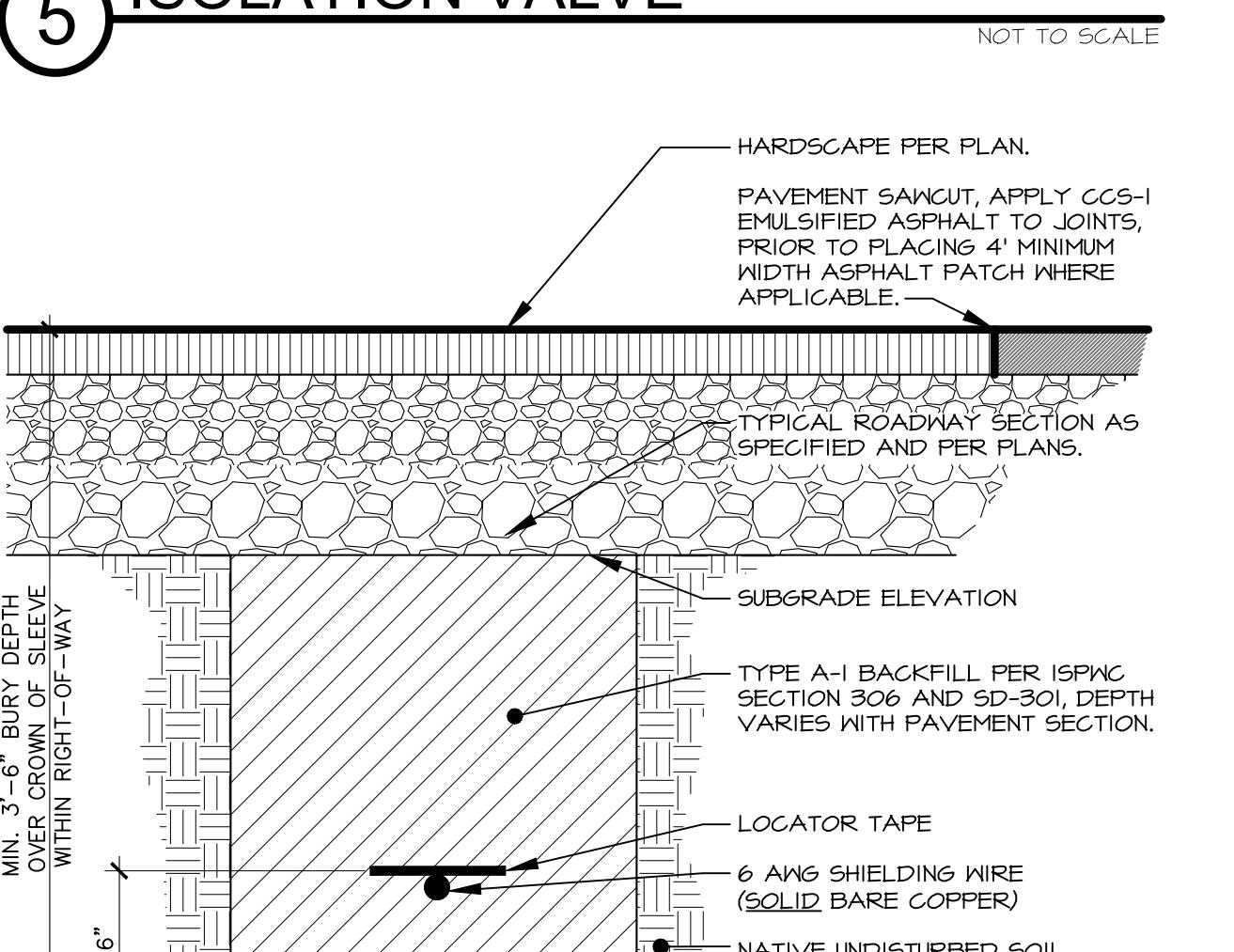
## 3 FLOW METER

Scale: NTS

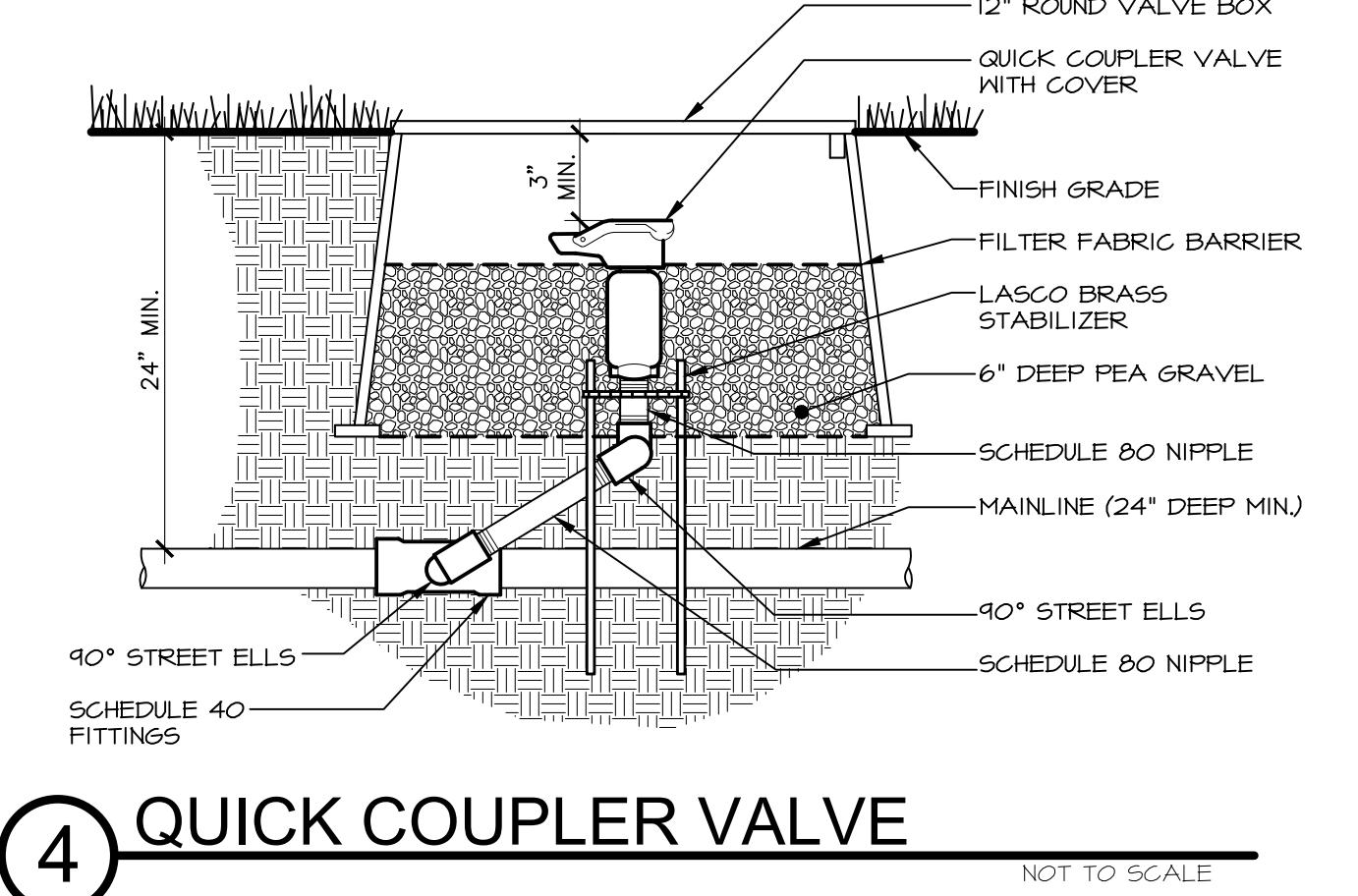
## 6 Hardscape Crossing TRENCH SECTION

Scale: 1-1/8" = 1'-0"

## 5 ISOLATION VALVE

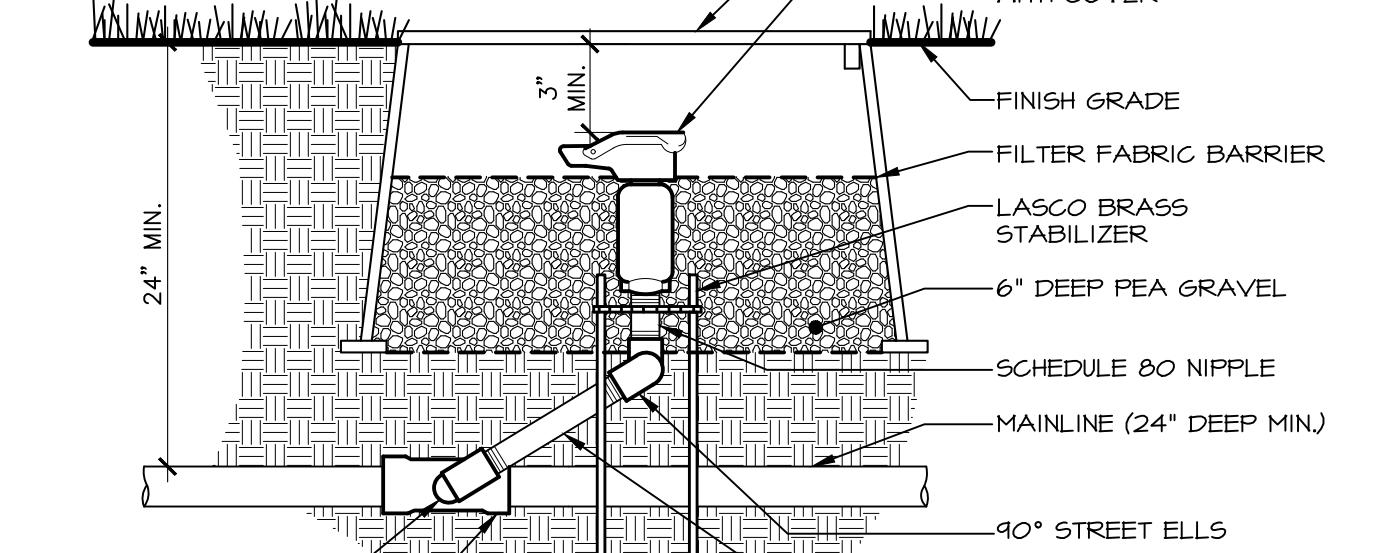


NOTE:  
1. COORDINATE WITH OTHER CONTRACTORS TO INSTALL SLEEVE, CONDUIT, FINDER TAPE AND COATING WIRE PRIOR TO INSTALLATION OF ROADWAY IF APPLICABLE.  
2. ROAD CROSSING INSTALLATION REQUIREMENTS APPLY WITH THE FULL EXTENT OF THE RIGHT-OF-WAY.  
3. IN CASE OF CONFLICTS WITH OTHER UTILITIES, IRRIGATION SLEEVE SHALL CROSS BELOW OTHER UTILITIES.  
4. THE CONTRACTOR SHALL CONSTRUCT ALL ROAD CROSSINGS OF THE IRRIGATION PIPE AND POTABLE WATER PIPE IN ACCORDANCE WITH THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS AND THE ISPMG SD-40T.



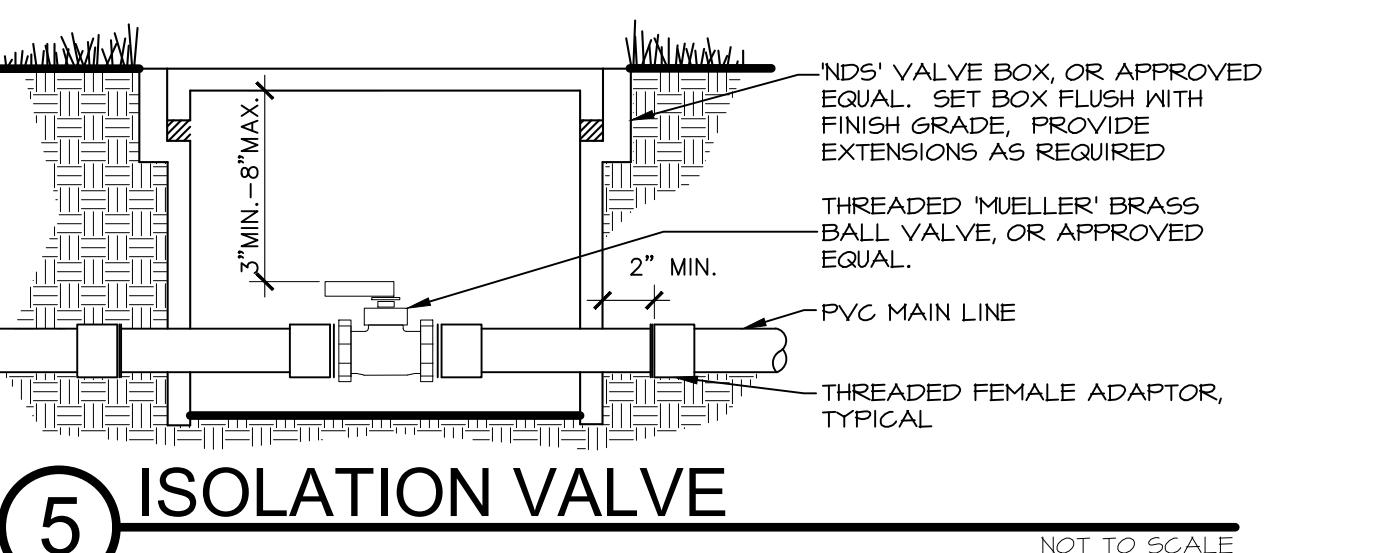
## 4 QUICK COUPLER VALVE

NOT TO SCALE



## 7 TRENCH SECTION

NOT TO SCALE



## 8 REMOTE CONTROL VALVE WITH 3/4" FILTER

NOT TO SCALE



## 5 ISOLATION VALVE

NOT TO SCALE



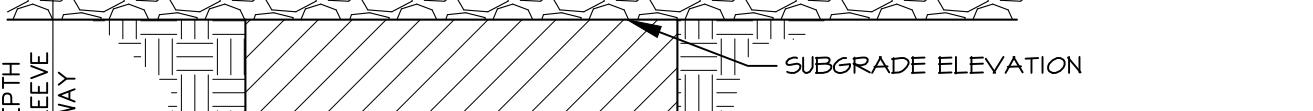
## 8 REMOTE CONTROL VALVE WITH 3/4" FILTER

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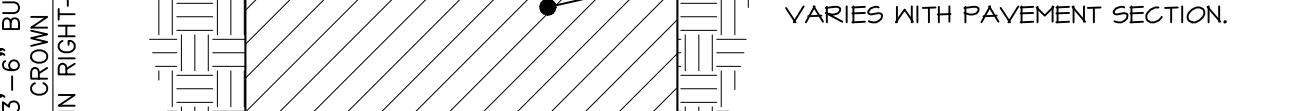
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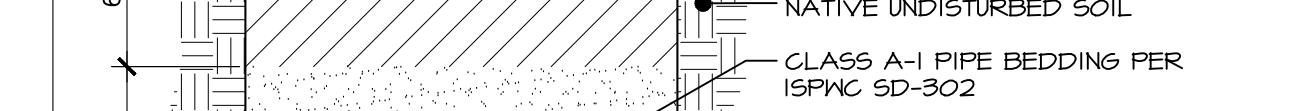
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