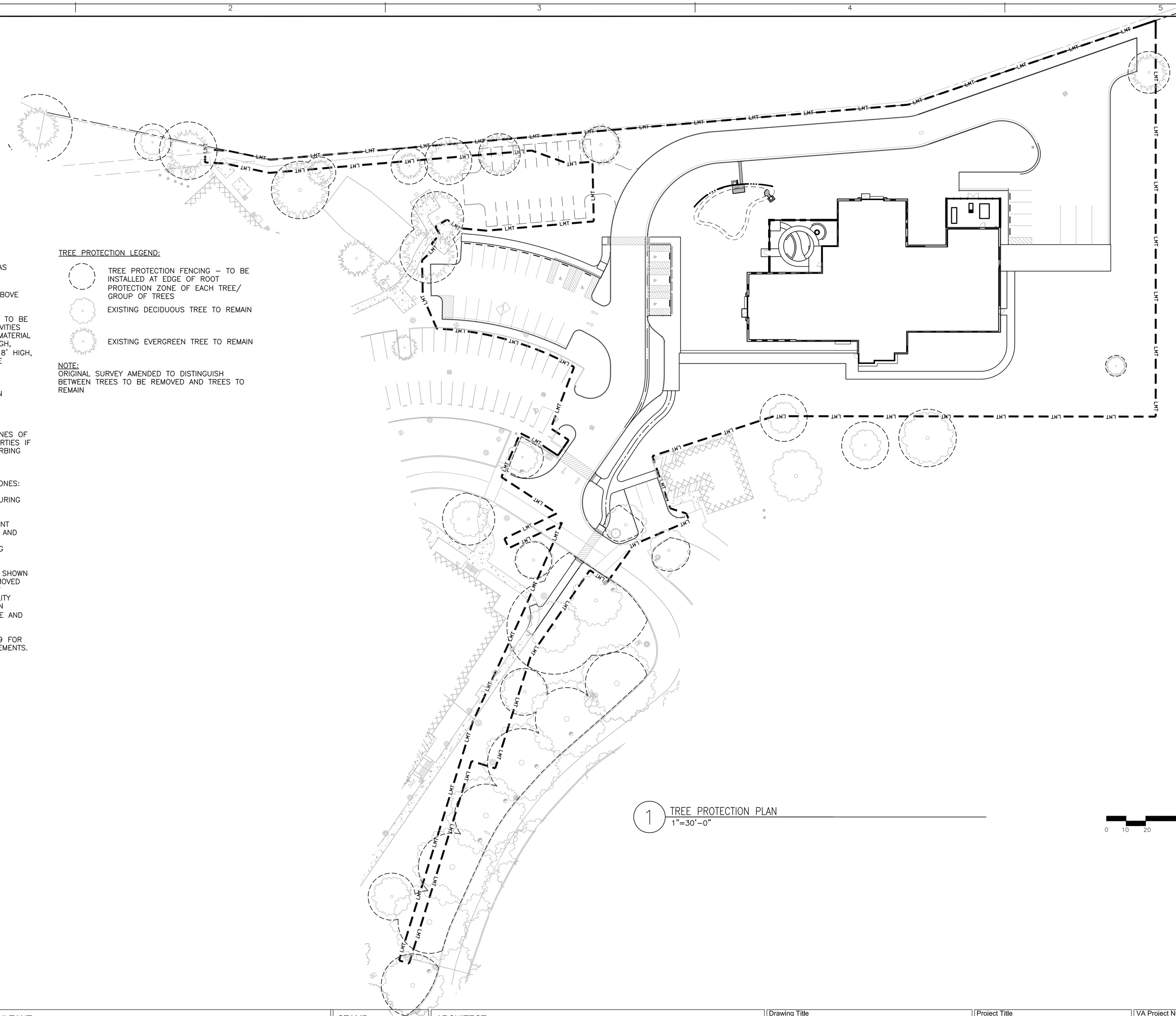

TREE PROTECTION NOTES:

1. ROOT PROTECTION ZONE IS DEFINED AS ONE–FOOT (1') IN RADIUS FOR EACH ONE–INCH (1") OF TREE CALIPER, AS MEASURED AT A HEIGHT OF 4 1/2' ABOVE GRADE.
2. PRESERVED AND RETAINED TREES ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY STURDY FENCING. THE FENCING MATERIAL SHALL BE HIGHLY VISIBLE, 6–FEET HIGH, CHAIN–LINK, ATTACHED SECURELY TO 8' HIGH, METAL FENCE POSTS DRIVEN INTO THE GROUND AT 6–FOOT INTERVALS.
3. TREE PROTECTION FENCING SHALL BE INSTALLED BEFORE ANY CONSTRUCTION STARTS AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. TREE PROTECTION DEVICES SHALL BE INSTALLED TO PROTECT THE ROOT ZONES OF TREES LOCATED ON ADJOINING PROPERTIES IF ANY TYPE OF ACTIVITY WILL BE DISTURBING THE ROOT PROTECTION ZONE.
5. THE FOLLOWING DEVELOPMENT IS NOT ALLOWED WITHIN ROOT PROTECTION ZONES:
   A. NEW BUILDINGS
   B. GRADE CHANGE OR CUT AND FILL DURING OR AFTER CONSTRUCTION.
   C. NEW IMPERVIOUS SURFACES
   D. UTILITY OR DRAINAGE FIELD PLACEMENT
   E. STAGING OR STORAGE OF MATERIALS AND EQUIPMENT DURING CONSTRUCTION.
   F. VEHICLE MANEUVERING AREAS DURING CONSTRUCTION.
6. ADDITIONAL TREES AND SHRUBS, NOT SHOWN FOR REMOVAL IN PLANS, MAY BE REMOVED FROM AREAS WITHIN 15 FEET OF NEW CONSTRUCTION AND 7.5 FEET OF UTILITY LINES WHEN REMOVAL IS APPROVED IN ADVANCE BY OWNER'S REPRESENTATIVE AND RESIDENT ENGINEER.
7. SEE SPECIFICATION SECTION 01 56 39 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

TREE PROTECTION LEGEND:

- TREE PROTECTION FENCING – TO BE INSTALLED AT EDGE OF ROOT PROTECTION ZONE OF EACH TREE/ GROUP OF TREES
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING EVERGREEN TREE TO REMAIN

NOTE:
ORIGINAL SURVEY AMENDED TO DISTINGUISH BETWEEN TREES TO BE REMOVED AND TREES TO REMAIN

1 TREE PROTECTION PLAN
1"=30'–0"

0 10 20 40 60

Revisions	Date

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Drawing Title: TREE PROTECTION PLAN

Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

Location: ROSEBURG, OREGON

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

VA Project Number: 653-322

Building Number: 086

Sheet Number: LS-100

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Department of Veterans Affairs

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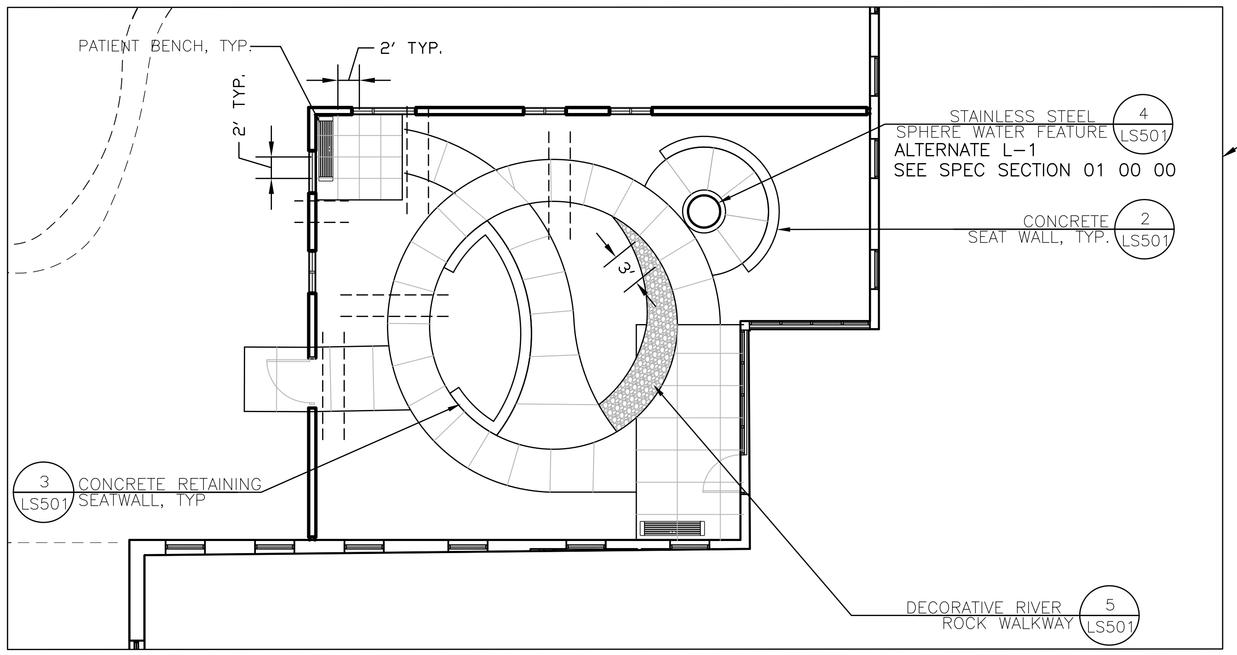
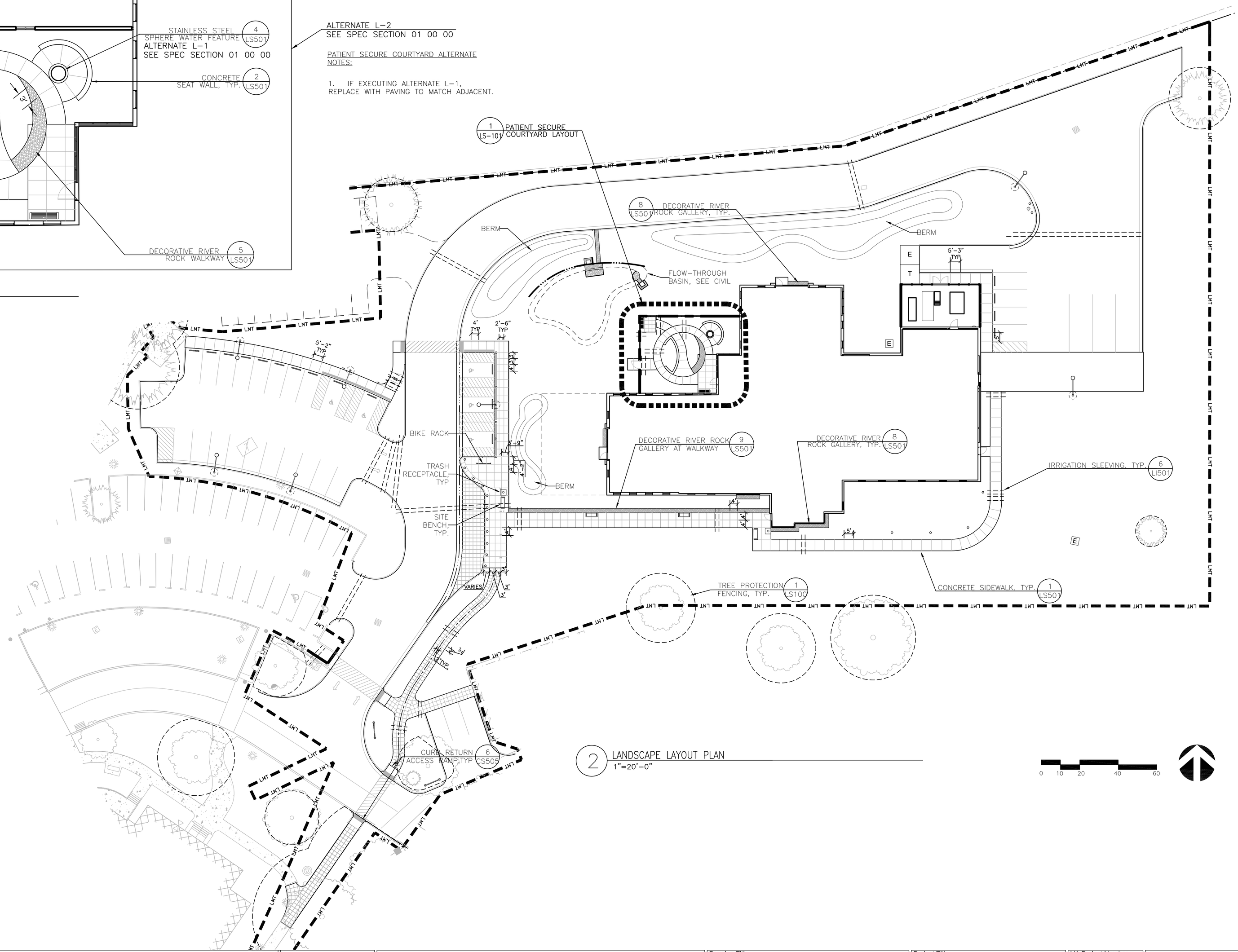


1 PATIENT SECURE COURTYARD LAYOUT PLAN
1/8"=1'-0"

ALTERNATE L-2
SEE SPEC SECTION 01 00 00

PATIENT SECURE COURTYARD ALTERNATE NOTES:

1. IF EXECUTING ALTERNATE L-1, REPLACE WITH PAVING TO MATCH ADJACENT.



2 LANDSCAPE LAYOUT PLAN
1"=20'-0"

0 10 20 40 60

NOTES:

1. STAINLESS STEEL SPHERE BY WATERFOUNTAINS.COM.

2. ALL PLANT BEDS TO BE EDGED WITH ALUMINUM EDGING, EXCEPT THOSE WITHIN THE SECURE PATIENT COURTYARD – SEE DETAIL 10 SHEET LS-501

3. IF EXECUTING ALTERNATE L-4, REMOVE 4 SITE BENCHES, 2 TRASH RECEPTICLES AND 1 BIKE RACK. PATIENT BENCHES WITHIN SECURE PATIENT COURTYARD TO REMAIN.

Revisions	Date

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Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

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Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

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OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs

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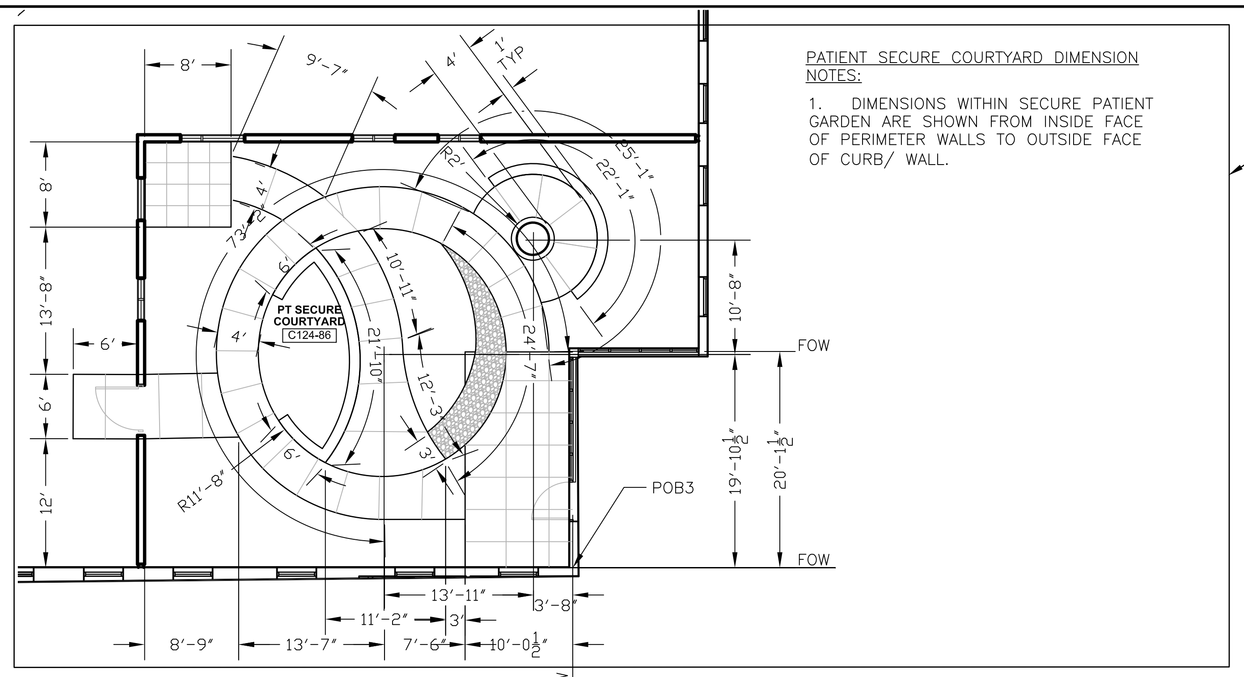
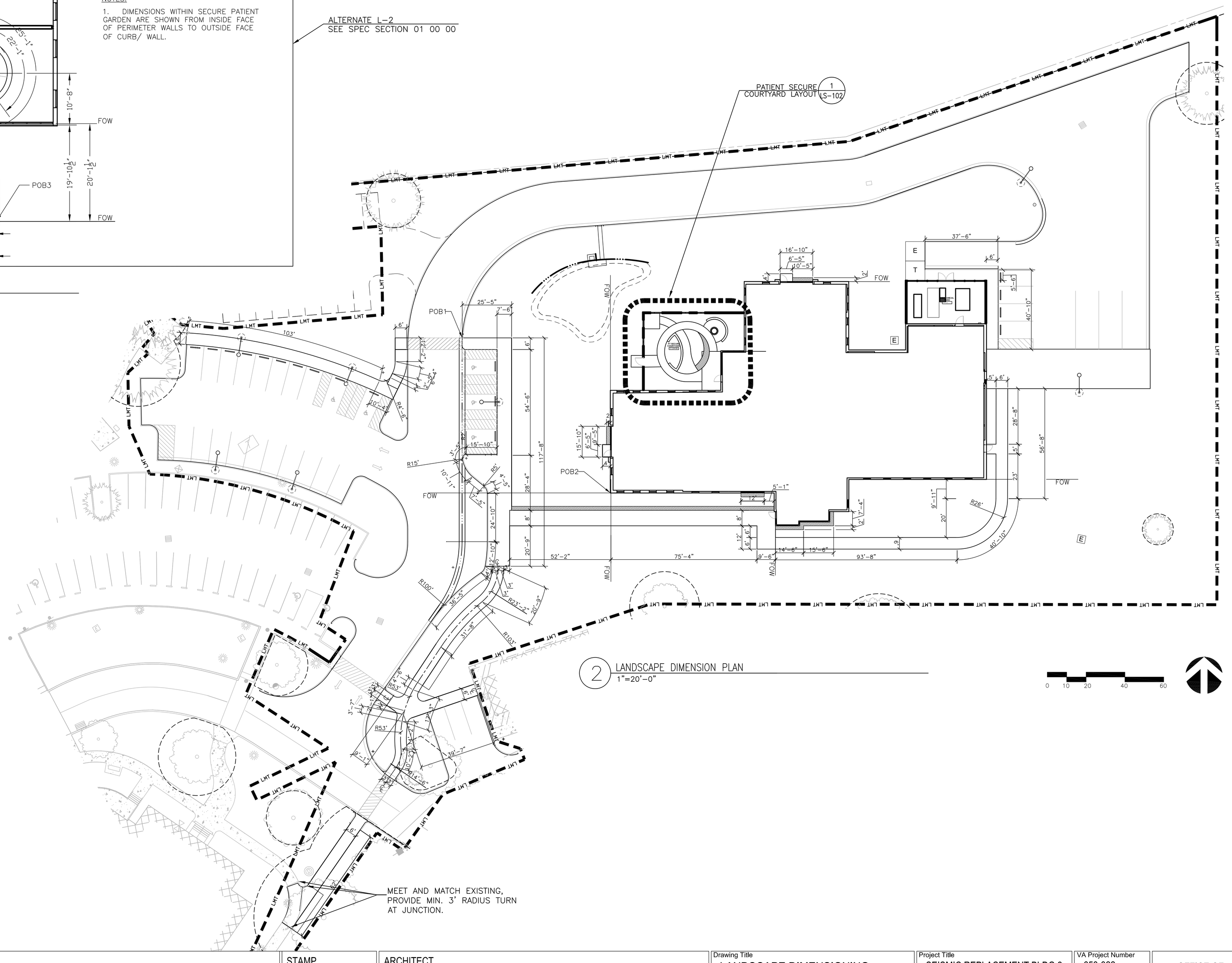


PATIENT SECURE COURTYARD DIMENSION NOTES:

1. DIMENSIONS WITHIN SECURE PATIENT GARDEN ARE SHOWN FROM INSIDE FACE OF PERIMETER WALLS TO OUTSIDE FACE OF CURB/ WALL.

1 PATIENT SECURE COURTYARD DIMENSION PLAN
1/8"=1'-0"

ALTERNATE L-2
SEE SPEC SECTION 01 00 00



2 LANDSCAPE DIMENSION PLAN
1"=20'-0"

0 10 20 40 60

DIMENSION NOTES:

1. LANDSCAPE LAYOUT PLAN SHOWS DIMENSIONS AND LAYOUT FOR PEDESTRIAN WALKWAY SYSTEM ONLY. SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND LAYOUT OF VEHICULAR PAVING AND BUILDING LOCATION AND LAYOUT.

2. ALL DIMENSIONS ARE SHOWN FROM OUTSIDE FACE OF CURB/ WALL TO OUTSIDE FACE OF CURB/ WALL, UNLESS OTHERWISE INDICATED ON PLAN.

3. SEE CIVIL DRAWINGS FOR COORDINATES FOR POINTS OF BEGINNING, AND LOCATION OF BUILDING, TO ESTABLISH FACE OF WALL LOCATIONS ON SITE.

Revisions	Date

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Drawing Title: LANDSCAPE DIMENSIONING PLANS

Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

Location: ROSEBURG, OREGON

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

VA Project Number: 653-322

Building Number: 086

Sheet Number: LS-102

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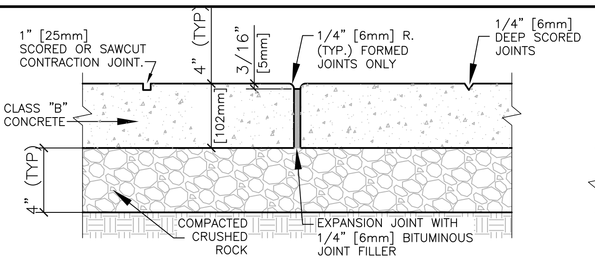
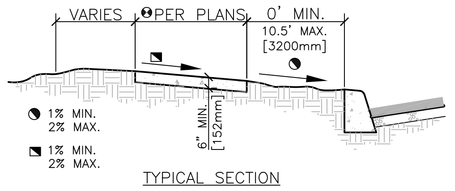
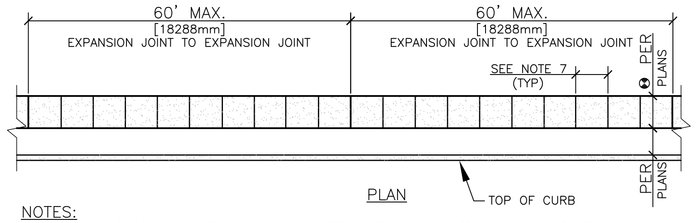


EXPANSION AND SCORED JOINT DETAIL



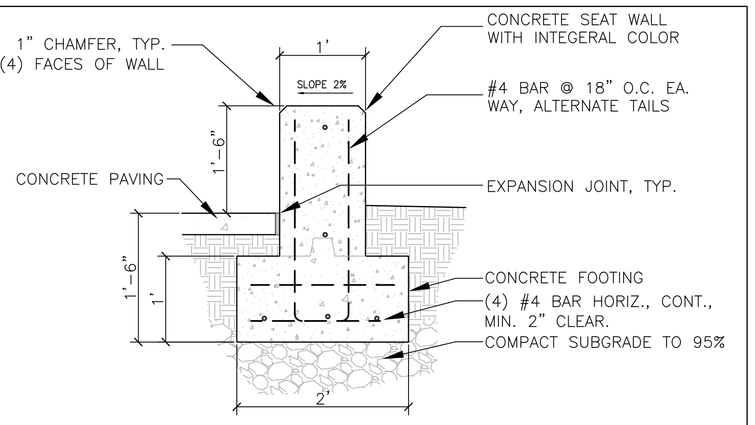
TYPICAL SECTION



PLAN

NOTES:
1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE–HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
5. SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED ON THE DRAWINGS OR MATCH SCORED JOINTS OF ADJACENT CURB.
6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
7. 1/4" DEEP SCORED JOINTS (TYP) SPACED AS INDICATED ON LAYOUT PLAN, SHEET LS–101.

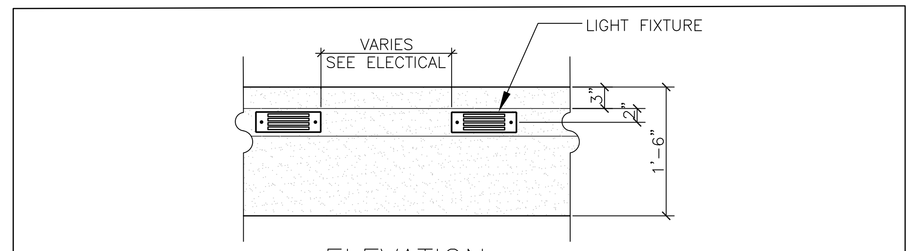
1 CONCRETE SIDEWALK, TYP.
1"=1'–0"



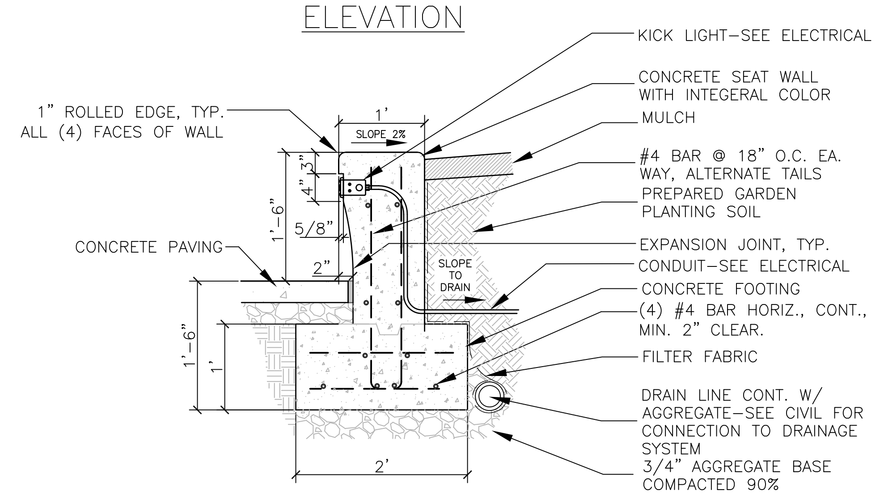
NOTES
1. PROVIDE VERTICAL EXPANSION JOINTS IN WALL. ALIGN JOINTS WITH CONCRETE PAVING EXPANSION JOINTS.
2. SEE GRADING ENLARGEMENT PLAN, FOR TOP AND BOTTOM WALL ELEVATIONS.
3. PROVIDE SMOOTH SACKED FINISH TO ALL EXPOSED WALL SURFACES.
4. INTEGERAL COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.
5. TOP OF WALL ELEVATION TO REMAIN CONSTANT. DO NOT SLOPE TOP OF WALL WITH GRADE.
6. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2 CONCRETE SEATWALL
1"=1'–0"

ALTERNATE L–2
SEE SPEC SECTION 01 00 00



ELEVATION



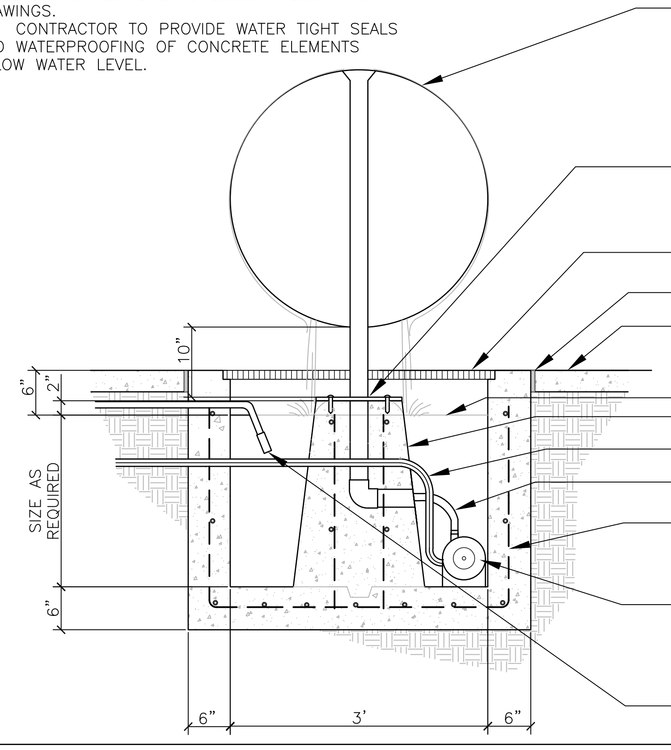
SECTION

NOTES:
1. PROVIDE VERTICAL EXPANSION JOINTS IN WALL. ALIGN JOINTS WITH CONCRETE PAVING EXPANSION JOINTS.
2. SEE GRADING ENLARGEMENT PLAN, FOR TOP AND BOTTOM WALL ELEVATIONS.
3. PROVIDE SMOOTH SACKED FINISH TO ALL EXPOSED WALL SURFACES.
4. INTEGERAL COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.
5. TOP OF WALL ELEVATION TO REMAIN CONSTANT. DO NOT SLOPE TOP OF WALL WITH GRADE.
6. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

3 CONCRETE RETAINING SEATWALL
1"=1'–0"

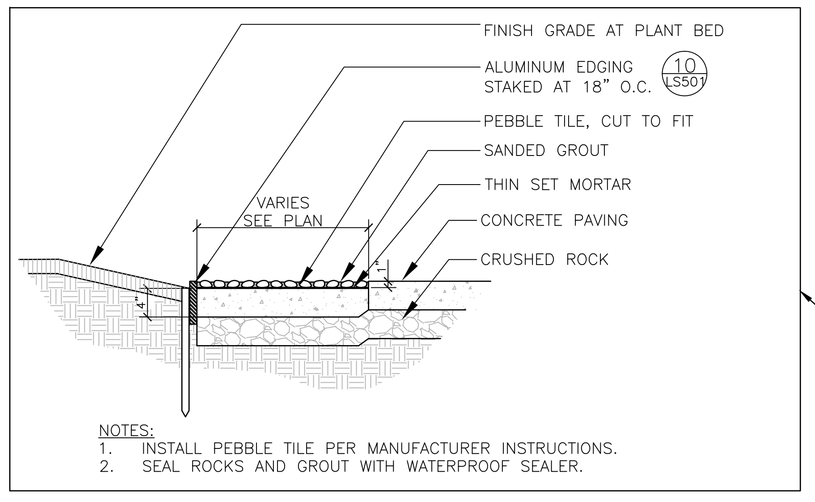
ALTERNATE L–2
SEE SPEC SECTION 01 00 00

NOTES
1. CONTRACTOR TO PROVIDE AND INSTALL WATER FEATURE OVERFLOW DRAIN, SYSTEM DRAIN AND DRAINAGE CONNECTIONS TO SEWER. SEE CIVIL DRAWINGS.
2. CONTRACTOR TO PROVIDE WATER TIGHT SEALS AND WATERPROOFING OF CONCRETE ELEMENTS BELOW WATER LEVEL.



4 STAINLESS STEEL SPHERE WATER FEATURE
1"=1'–0"

ALTERNATE L–1
SEE SPEC SECTION 01 00 00

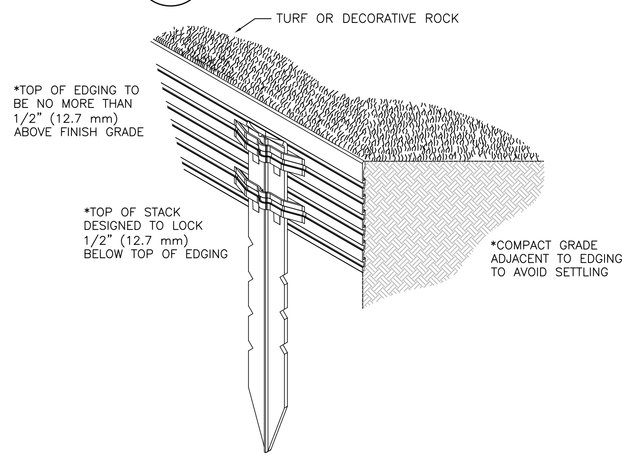


NOTES:
1. INSTALL PEBBLE TILE PER MANUFACTURER INSTRUCTIONS.
2. SEAL ROCKS AND GROUT WITH WATERPROOF SEALER.

5 DECORATIVE RIVER ROCK WALKWAY
1"=1'–0"

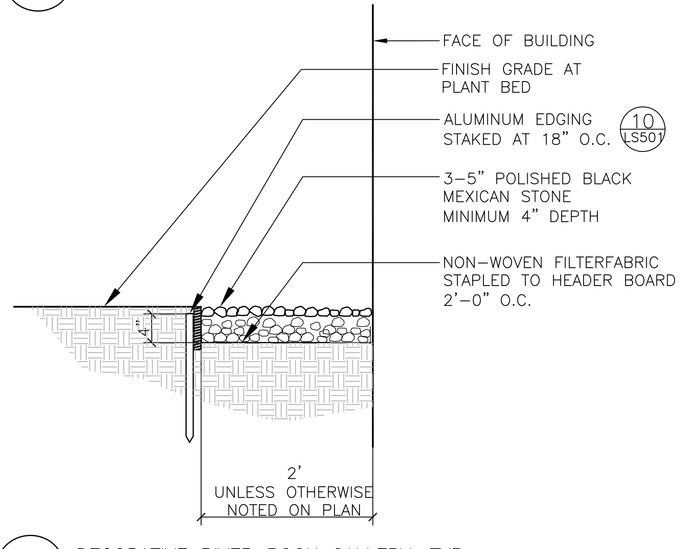
ALTERNATE L–2
SEE SPEC SECTION 01 00 00

6 NOT USED
1"=1'–0"

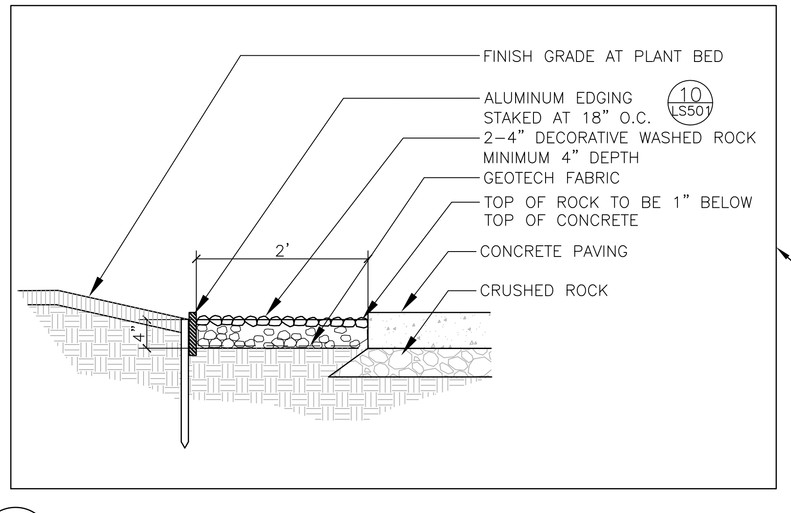


NOTES:
1. INSTALL ALUMINUM EDGING ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
2. INSTALL ALUMIMUM EDGING ALONG ALL PLANT BED/ TURF EDGES AND PLANT BED/ ROCK GALLERY EDGES.
2. DO NOT INSTALL ALUMIMUM EDGING WITHIN THE SECURE PATIENT GARDEN.

10 ALUMIMUM EDGING, TYP
NTS



8 DECORATIVE RIVER ROCK GALLERY, TYP.
1"=1'–0"



ALTERNATE S–1
SEE SPEC SECTION 01 00 00

9 DECORATIVE RIVER ROCK GALLERY AT WALKWAY
1"=1'–0"

11 NOT USED
1/2"=1'–0"

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Drawing Title: LANDSCAPE SITE FEATURE DETAILS

Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

Location: ROSEBURG, OREGON

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

VA Project Number: 653-322

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Sheet Number: LS-501

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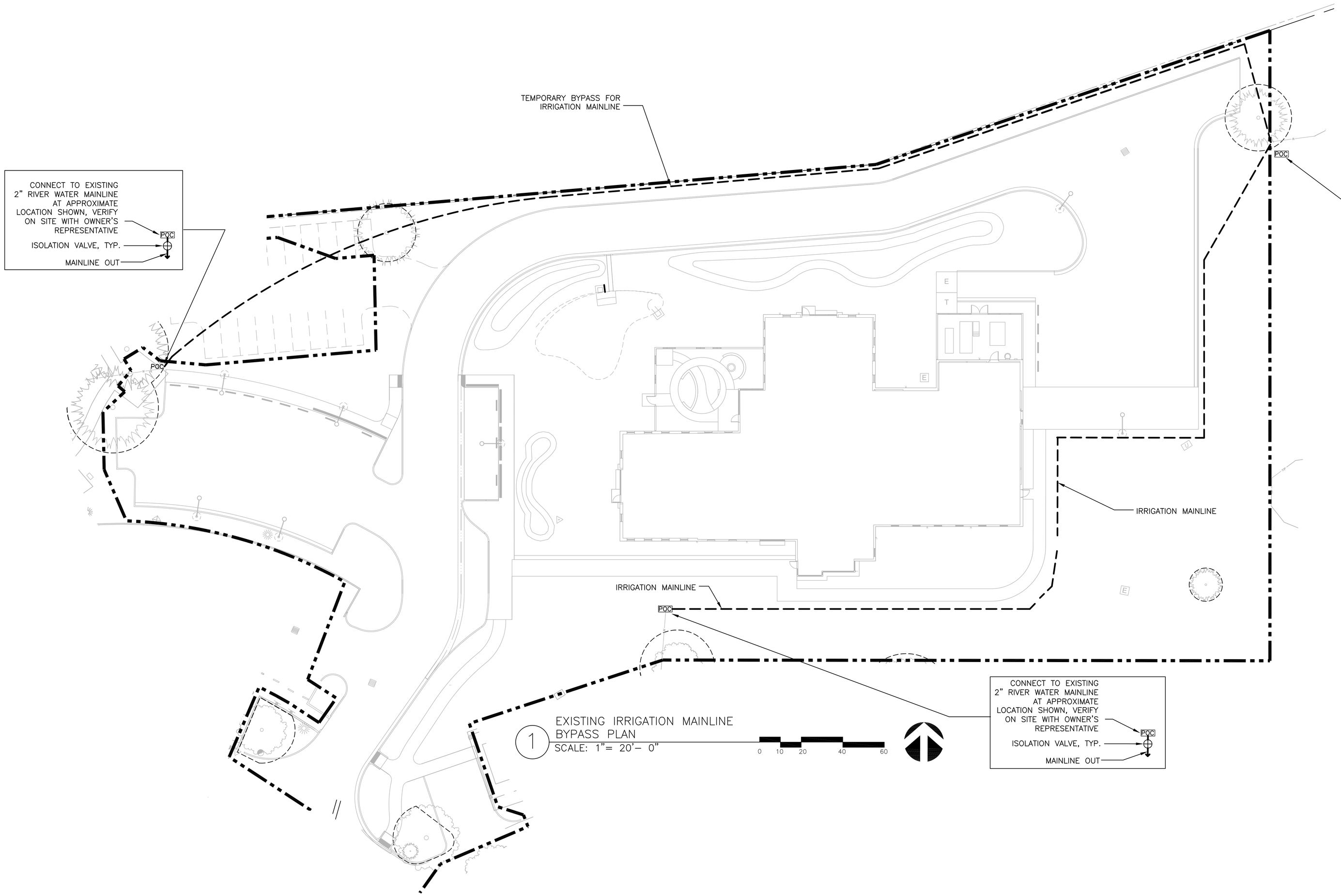

1 EXISTING IRRIGATION MAINLINE BYPASS PLAN
SCALE: 1"= 20'- 0"

IRRIGATION LEGEND

2" SCHEDULE 40 MAIN LINE

IRRIGATION MAINLINE CONNECTION NOTES

1. CONTRACTOR SHALL REFER TO IRRIGATION SPECIFICATIONS AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. DO NOT TRENCH IN TEMPORARY MAINLINE BYPASS WHICH RUNS ALONG NORTH SIDE OF NEW ACCESS ROAD. LAY LINE LOOSELY ALONG FENCE, ALLOWING ROOM FOR ROADWAY CONSTRUCTION. COORDINATE CONNECTION AT WEST END WITH OWNER'S REPRESENTATIVE. PROVIDE TEMPORARY CONNECTIONS AT EXISTING VALVE LOCATIONS WHERE SHOWN, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.
3. COORDINATE ACTUAL LOCATION OF NEW 2" RIVER WATER MAINLINE WITH GENERAL CONTRACTOR. LOCATE LINE OUTSIDE OF WORK AREAS FOR OTHER TRADES WHERE POSSIBLE, MARK AND FLAG LINES FOR EASE OF LOCATING WHEN PROJECT IRRIGATION SYSTEM IS INSTALLED.
4. LOCATION OF IRRIGATION MAINLINE AND SLEEVING ARE DIAGRAMMICAL ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS.
5. CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE UPON INSTALLATION OF RIVER WATER MAINLINE BYPASS CONNECTIONS TO ASSURE PROPER WATERFLOW TO EXISTING IRRIGATION SYSTEM DIRECTLY OUTSIDE OF LIMITS OF WORK FOR THIS PROJECT. INSTALL ISOLATION VALVE AT EACH CONNECTION.
6. LOCATION OF EXISTING UNDERGROUND IRRIGATION LINES BASED UPON DIAGRAM PROVIDED BY THE VA DATED 8/12/2012. ACTUAL ONSITE LOCATIONS MAY VARY. VERIFY ON SITE WITH OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION.
7. LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
8. ALL VALVES SHALL HAVE NON-POTABLE WATER INDICATORS.

Revisions	Date

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Drawing Title: EXISTING IRRIGATION MAINLINE BYPASS PLAN

Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

Location: ROSEBURG, OREGON

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

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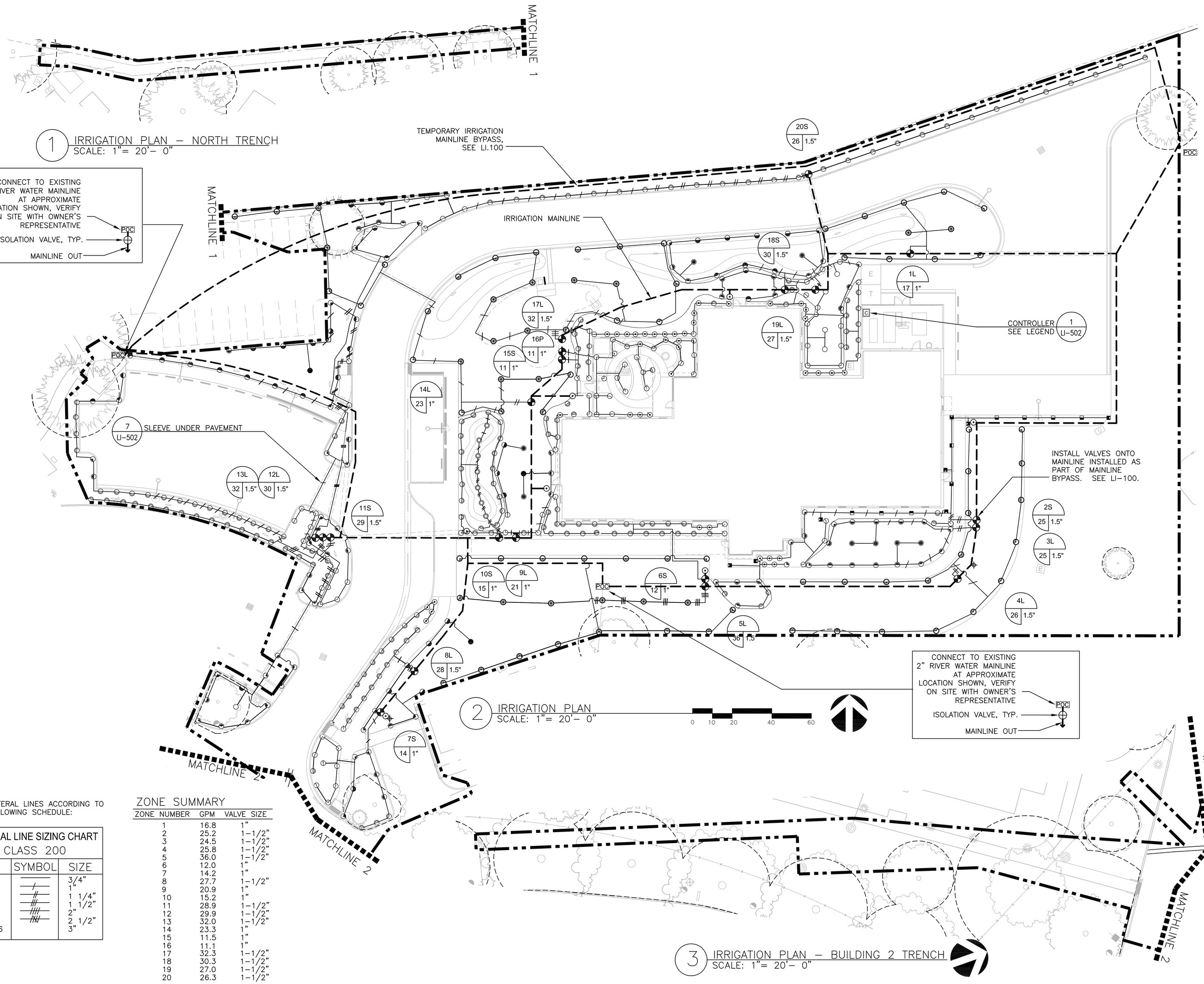

1 IRRIGATION PLAN – NORTH TRENCH
SCALE: 1"= 20'– 0"

2 IRRIGATION PLAN
SCALE: 1"= 20'– 0"

3 IRRIGATION PLAN – BUILDING 2 TRENCH
SCALE: 1"= 20'– 0"

IRRIGATION LEGEND

- C — RAINBIRD ESP–LX MODULAR CONTROLLER (24 STATIONS) W/ ET MANAGER CARTRIDGE
- POC — POINT OF CONNECTION
- QUICK COUPLING VALVE (RAINBIRD or APPROVED EQUAL)
- DRAIN VALVE
- ISOLATION VALVE
- RAINBIRD PESB–PRS–D, REMOTE CONTROL VALVE SEE PLAN FOR SIZES
- 4" CLASS 200 PVC SLEEVE
- 2" SCHEDULE 40 MAIN LINE
- CLASS 200 PVC LATERAL LINE – SIZE PER SIZING CHART

1L — STATION NUMBER
36 | 1.5" — VALVE SIZE, GPM

L= LAWN BED
S= SHRUB BED
P= PATIENT GARDEN

SPRAY HEAD LEGEND

MODEL #	DESCRIPTION	OPTIMAL OPERATING PRESSURE
ALL SPRAYHEADS TO BE INSERTED ONTO RAINBIRD RD1800 NON–POTABLE WATER SERIES POPUPS		
90	RAINBIRD 05 SERIES MPR	30 PSI
180		
360		
90	RAINBIRD 08 SERIES MPR	30 PSI
120		
180		
360		
90	RAINBIRD 10 SERIES MPR	30 PSI
120		
180		
360		
90	RAINBIRD U12 SERIES	30 PSI
120		
180		
240		
270		
360		
90	RAINBIRD U15 SERIES	30 PSI
120		
180		
240		
270		
360		
90	RAINBIRD R17–24 SERIES	30 PSI
120		
180		
240		30 PSI
270		
360		
LCS	RAINBIRD 15 STRIP SERIES	30 PSI
SST		

IRRIGATION NOTES

1. CONTRACTOR SHALL REFER TO IRRIGATION SPECIFICATIONS AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. LOCATION OF IRRIGATION MAINLINE, LATERALS AND SLEEVING ARE DIAGRAMMICAL ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS–BUILT CONDITIONS AND DIMENSIONS.
3. LOCATE CONTROLLER IN APPROXIMATE LOCATION SHOWN. VERIFY WITH ARCHITECT. WALL MOUNT CONTROLLER AT EYE LEVEL. PROVIDE SEPARATE 15 AMP CIRCUIT AND 120 V.A.C. POWER TO CONTROLLER. PROVIDE 1" CONDUIT FROM CONTROLLER TO NEAREST PLANTING AREA AS SHOWN. EXTEND 24" INTO PLANTING AREA, 18" BELOW GRADE, CAP AND FLAG.
4. ADJUST ALL IRRIGATION HEADS TO PROVIDE MAXIMUM COVERAGE, MINIMUM OVERSPRAY AND NO FOGGING. SET ALL HEADS BACK FROM CURBS, PAVING AND WALLS.
5. INSTALL VAN NOZZLES ONLY ON HEADS WHICH NEED A SPECIFIC RADIUS NOT PROVIDED BY RAINBIRD TO MINIMIZE OVERSPRAY ONTO WALKS.
6. CONTRACTOR TO INSTALL ALL SPRAY HEADS IN ZONE #16, THE SECURE PATIENT COURTYARD, ON 12" RISERS. CONTRACTOR TO ENSURE SCHEDULING OF THIS VALVE TO ONLY COME ON AT NIGHT WHEN GARDEN IS NOT AVAILABLE TO PATIENTS.
7. CONTRACTOR TO REPAIR AND/OR REPLACE IRRIGATION COMPONENTS WITHIN AREA SHOWN IN "NORTH TRENCH" AND "BUILDING 2 TRENCH" TO MATCH EXISTING AFTER EXCAVATIONS ARE COMPLETE.
8. ALL VALVES AND SPRAY HEADS SHALL HAVE NON–POTABLE WATER INDICATORS.
9. CUT, CAP AND REMOVE TEMPORARY IRRIGATION MAINLINE BYPASS AS SYSTEM MAINLINE IS INSTALLED AND CONNECTED TO EXISTING.

IRRIGATION DEDUCT ALTERNATE NOTES:

1. WHEN EXECUTING DEDUCT ALTERNATES, CONTRACTOR TO ADJUST LAYOUT OF IRRIGATION SYSTEM IN CORRESPONDING ZONE(S) TO PROVIDE PROVIDE EVEN COVERAGE ACCORDING TO MANUFACTURER'S GUIDELINES AND RECOMMENDATIONS.

SIZE LATERAL LINES ACCORDING TO THE FOLLOWING SCHEDULE:

LATERAL LINE SIZING CHART
CLASS 200

GPM	SYMBOL	SIZE
0–10		3/4"
10–17		1"
17–27		1 1/4"
27–36		1 1/2"
36–56		2"
56–83		2 1/2"
83–116		3"

ZONE SUMMARY

ZONE NUMBER	GPM	VALVE SIZE
1	16.8	1"
2	25.2	1–1/2"
3	24.5	1–1/2"
4	25.8	1–1/2"
5	36.0	1–1/2"
6	12.0	1"
7	14.2	1"
8	27.7	1–1/2"
9	20.9	1"
10	15.2	1"
11	28.9	1–1/2"
12	29.9	1–1/2"
13	32.0	1–1/2"
14	23.3	1"
15	11.5	1"
16	11.1	1"
17	32.3	1–1/2"
18	30.3	1–1/2"
19	27.0	1–1/2"
20	26.3	1–1/2"

Revisions	Date

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REGISTERED 204 LAURIE A. MACDONALD OREGON LANDSCAPE ARCHITECT

ARCHITECT

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Drawing Title: IRRIGATION PLAN

Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

VA Project Number: 653-322

Building Number: 086

Location: ROSEBURG, OREGON

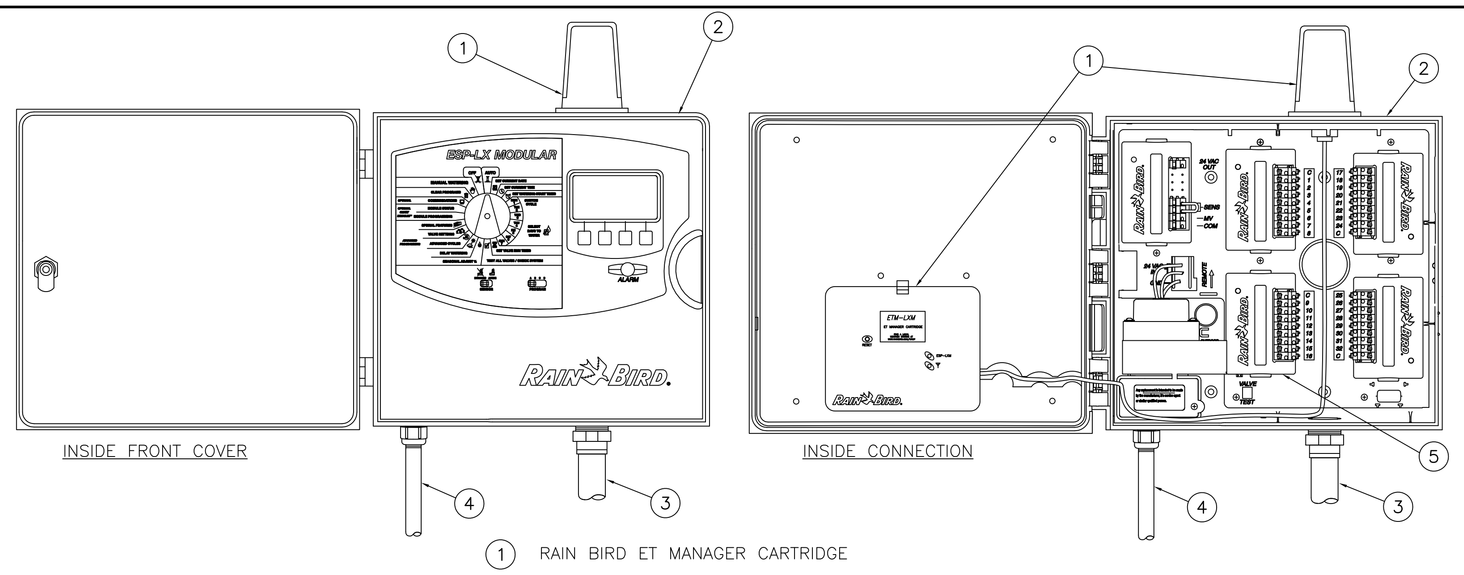
Sheet Number: LI-101

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

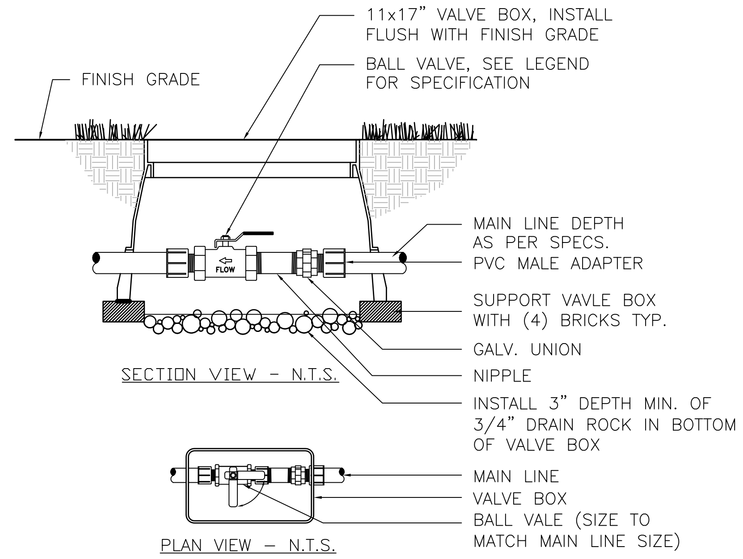
Department of Veterans Affairs

VA FORM 08–6231



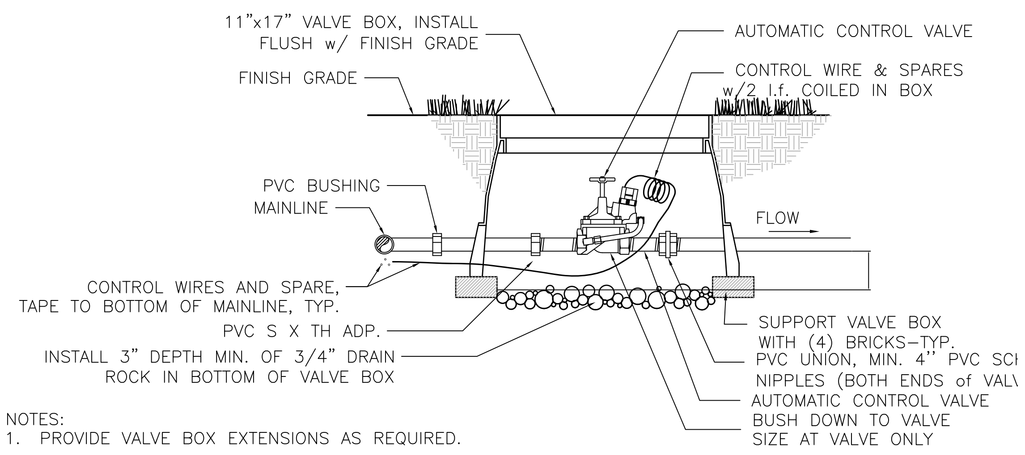
1. RAIN BIRD ET MANAGER CARTRIDGE
2. MODULAR HYBRID CONTROLLER WITH ET MANAGER CARTRIDGE. RAIN BIRD LXMM POWDER COATED METAL CABINET
3. 1-1/2 INCH PVC SCH 40 CONDUIT AND FITTINGS
4. 1-INCH PVC SCH 40 CONDUIT TO POWER SUPPLY
5. BASE MODEL IS 8 STATION. OPTIONAL MODULES FOR 32 STATION CONTROLLER ARE SHOWN

1 ESP-LX MODULAR CONTROLLER W/ ET MANAGER CARTRIDGE
SCALE: NTS



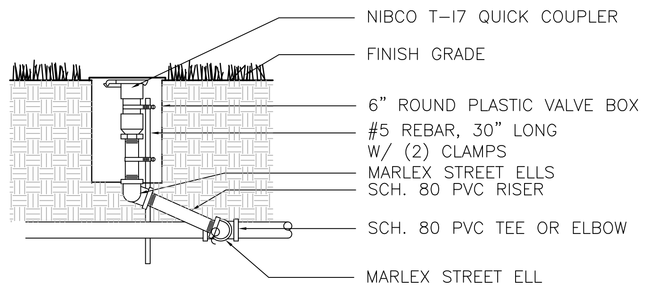
NOTES:
BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE.
INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE, INSTALL VALVE OFF-CENTER IN BOX.
INSTALL VALVE BOX EXTENSIONS AS REQUIRED TO ACHIEVE PROPER VALVE INSTALLATION AT MAIN LINE DEPTH.

2 ISOLATION VALVE
SCALE: NTS

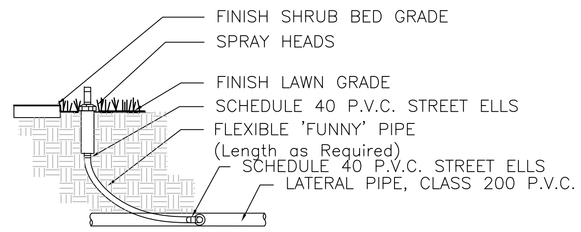


NOTES:
1. PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.

3 REMOTE CONTROL VALVE
SCALE: NTS

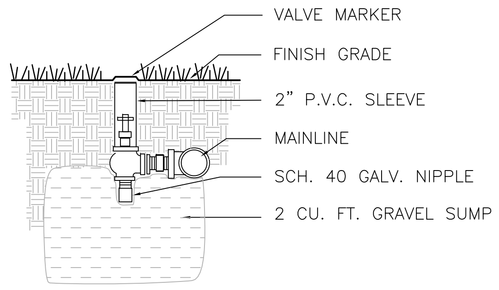


4 QUICK COUPLER VALVE
SCALE: NTS

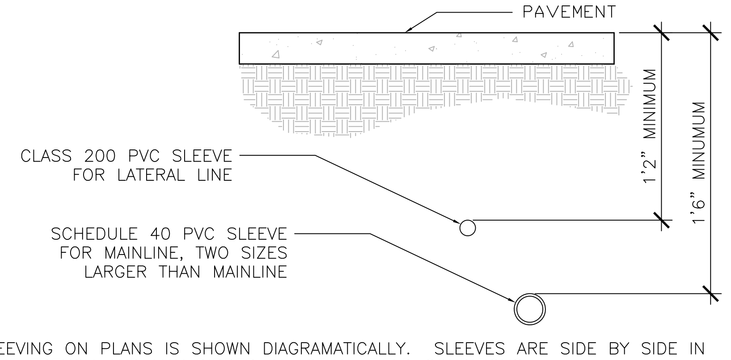


5 POP-UP SPRAY SPRINKLER
SCALE: NTS

NOTE:
1. INSTALL AT LOWEST POINT ON MAINLINE
2. USE RECTOR SEAL NO. 100W PIPE DOPE ON ALL THREADED CONNECTIONS.



6 MANUAL DRAIN VALVE
SCALE: NTS



NOTES:
1. SLEEVING ON PLANS IS SHOWN DIAGRAMATICALLY. SLEEVES ARE SIDE BY SIDE IN SAME TRENCH AND MAY DIRRER IN ACTUAL FIELD CONDITIONS.
2. ALL SLEEVES TO EXTEND A MINIMUM OF 12" BEYOND PAVING OR CURB INTO PLANTING BEDS.
3. INSTALL A 1/4" NYLON PULL CORD EXTENDING 5' BEYOND SLEEVE ENDS, CAP ENDS AND MARK EACH SLEEVE WITH A METAL T-POST PRIOR TO BACKFILLING.
4. INSTALL 1 PVC SLEEVE FOR MAINLINE AND 1 PVC SLEEVE FOR LATERAL LINE(S).IF SLEEVES INSTALLED BY BORING, THE MAIN SLEEVE SHALL BE LARGE ENOOUGH TO CONTAIN MAINLINE AND 2 LATERAL LINES.
5. PERMANENTLY MARK CURB OR PAVEMENT BY SAWCUTTING OR SCORING AN "X" IN THE CONCRETE AT THE LOCATION OF THE SLEEVE.

7 SLEEVE UNDER PAVEMENT
SCALE: NTS

8 NOT USED
SCALE: NTS

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Approved: Project Director

Project Title: SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD

Location: ROSEBURG, OREGON

Date: 31 MAY 2013 | Checked: LMB | Drawn: BR

VA Project Number: 653-322

Building Number: 086

Sheet Number: LI-501

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs

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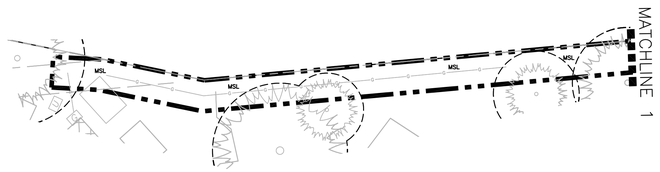
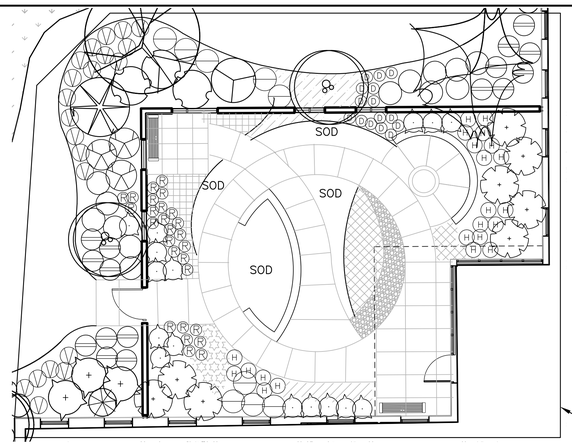


1 PLANTING PLAN – NORTH TRENCH
SCALE: 1"= 20'– 0"



2 ENLARGED PLANTING PLAN – PATIENT SECURE GARDEN
1/8" =1'–0"

PLANT NOTES:

1. REMOVE INVASIVE/ NON NATIVE SPECIES PLANTS AND ROOTS PRIOR TO PLANTING. ADD 50% COMPOST AND BLEND WITH 50% NATIVE SOIL LOCALLY FOR EACH PLANT AND TREE PLANTED.

2. IN SOME AREAS OF THE SITE, SOILS MAY HAVE BEEN DISTURBED BY PAST FILLING AND/OR GRADING ACTIVITES. IN THESE AREAS SOILS MUST BE PREPARED APPROPRIATELY FOR PLANTING. REMOVE FILL AND OTHER NON–SOILS INCLUDING ASPHALT AND PACKED GRAVEL.

3. NEW PLANTINGS SHOULD BE INSTALLED BETWEEN FEBRUARY 1ST AND MAY 1ST OR BETWEEN OCTOBER 1ST AND NOVEMBER 15TH.

4. PLANTINGS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3 INCHES AND 18 INCHES IN DIAMETER.

5. IF EXECUTING DEDUCT ALTERNATE L–2, SEE PARTIAL PLANTING PLAN DETAIL 5.

6. IF EXECUTING DEDUCT ALTERNATE C–1, C–2 OR C–3 CONTRACTOR TO SEED AREA OF DISTURBANCE WITH MEADOW LAWN SEED.

7. IF EXECUTING DEDUCT ALTERNATE S–1, CONTRACTOR TO ADJUST PLANTING LAYOUT, INCREASING SPACING BETWEEN PLANTS TO FILL SPACE AVAILABLE WITH PLANTS SHOWN ON PLAN.

8. IF EXECUTING DEDUCT ALTERNATE L–3 IN CONJUCTION WITH OTHER ALTERNATES, REPLACE ALL TREES, SHRUBS, GROUNDCOVERS, AND SOD LAWN AREAS WITH SITE LAWN. SEE LEGEND, SHEET LP–501.

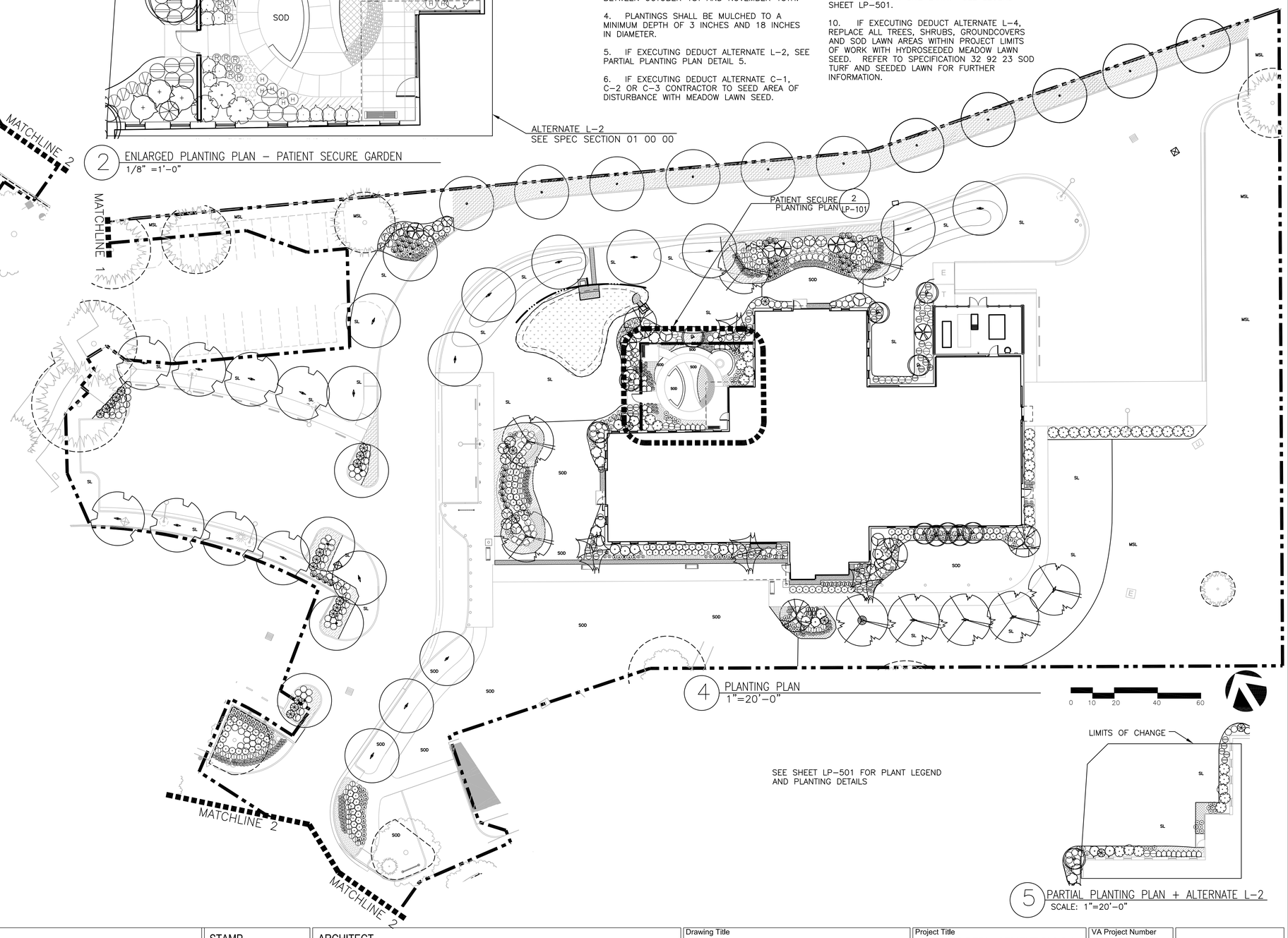
9. IF EXCUTING DEDUCT ALTERNATE L–3 ONLY, REPLACE ALL TREES, SHRUBS, GROUNDCOVERS AND SOD LAWN AREAS, EXCEPT FOR THOSE SHOWN WITHIN THE PATIENT SECURE COURTYARD, WITH SITE LAWN. SEE LEGEND, SHEET LP–501.

10. IF EXECUTING DEDUCT ALTERNATE L–4, REPLACE ALL TREES, SHRUBS, GROUNDCOVERS AND SOD LAWN AREAS WITHIN PROJECT LIMITS OF WORK WITH HYDROSEEDED MEADOW LAWN SEED. REFER TO SPECIFICATION 32 92 23 SOD TURF AND SEEDED LAWN FOR FURTHER INFORMATION.

SEE SHEET LP–501 FOR PLANT LEGEND AND PLANTING DETAILS

ALTERNATE L–2
SEE SPEC SECTION 01 00 00

3 PLANTING PLAN – BUILDING 2 TRENCH
SCALE: 1"= 20'– 0"



4 PLANTING PLAN
1"=20'–0"

0 10 20 40 60

SEE SHEET LP–501 FOR PLANT LEGEND AND PLANTING DETAILS

5 PARTIAL PLANTING PLAN + ALTERNATE L–2
SCALE: 1"=20'–0"

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Drawing Title
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Approved: Project Director

Project Title
SEISMIC REPLACEMENT BLDG 2
PHASE 1 MINOR
ACUTE PSYCHIATRIC WARD

Location
ROSEBURG, OREGON

Date 31 MAY 2013 | Checked LMB | Drawn LMB

VA Project Number 653-322

Building Number 086

Sheet Number LP-101

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs

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PLANT LEGEND

TREES

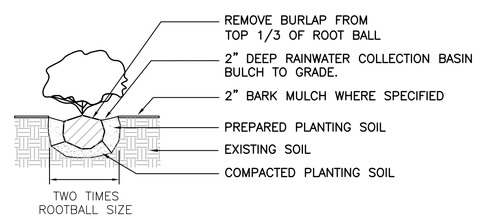
SYMBOL	NAME	QTY.	SIZE	TYPE
	EXISTING DECIDUOUS TREE		SEE PLANS	
	EXISTING CONIFEROUS TREE		SEE PLANS	
	ACER CIRCINATUM VINE MAPLE	11	6'-8' HT.	3 TRUNK MIN.
	ACER PALMATUM 'EMPEROR 1' RED EMPEROR JAPANESE MAPLE	4	7'-8'	MULTI-STEM
	CALOCEDRUS DECURRENS INCENSE CEDAR	5	6'-7' HT.	B&B
	CHAMAECYPARIS NOOTKATENSIS ALASKA CEDAR	5	6'-8' HT.	B&B
	CORNUS KOUSA 'SANTOMI' SANTOMI KOUSA DOGWOOD	4	2.5" CAL.	4' BRANCH HEIGHT
	CHAMAECYPARIS OBTUSA 'GRACILIS' SLENDER HINOKI CYPRESS	22	4'-5' HT.	B&B
	GLEDISIA TRIACANTHOS 'SKYCOLE' SKYLINE HONEYLOCUST	8	2" CAL.	B&B
	LIQUIDAMBAR STYRACIFLUA 'WARD' PP 10027 CHEROKEE SWEETGUM	29	2" CAL.	MATCHING BRANCH HEIGHTS
	PRUNUS YEDDENSIS AKEBONO AKEBONO CHERRY	9	3" CAL.	5' BRANCH HEIGHT

SHRUBS

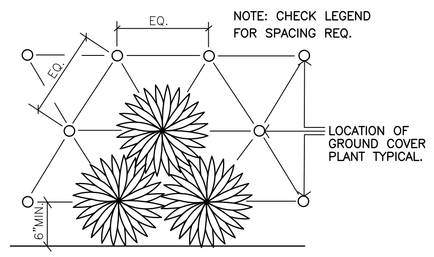
SYMBOL	NAME	QTY.	SIZE	TYPE
	BERBERIS THUNBERGII CRYMSON PYGMY BARBERRY	71	3 GAL.	CONTAINER
	BERBERIS THUMBERGII 'ATROPURPUREA' JAPANESE RED BARBERRY	26	5 GAL.	CONTAINER
	BUXUS MICROPHYLLA JAPONICA 'GREEN BEAUTY' GREEN BEAUTY BOXWOOD	16	5 GAL.	CONTAINER
	CHOISYA TERNETA MEXICAN ORANGE	30	5 GAL.	CONTAINER
	CORNUS SERICEA 'KELSEYI' KELSEY RED OSIER DOGWOOD	32	2 GAL.	CONTAINER
	EUONYMUS ALATUS 'COMPACTA' DWARF WINGED EUONYMUS	3	5 GAL.	CONTAINER
	ILEX CRENATA CONVEXA CONVEXA JAPANESE HOLLY	121	15-18"	CONTAINER
	NANDINA DOMESTICA 'GULF STREAM' GULF STREAM HEAVENLY BAMBOO	22	5 GAL.	CONTAINER
	PIERIS JAPONICA 'PINK FLAMINGO' PINK FLAMINGO JAPANESE ANDROMEDA	16	24-30"	CONTAINER
	POLYSTICHUM MUNITUM WESTERN SWORD FERN	60	2 GAL.	CONTAINER
	RHODODENDRON 'LEM'S MONARCH' LEM'S MONARCH RHODODENDRON	9	24-30"	CONTAINER
	RHODODENDRON 'SCARLET WONDER' SCARLET WONDER RHODODENDRON	47	21-24"	CONTAINER
	SPIRAEA BUMALDII 'GOLDFLAME' GOLDFLAME SPIREA	5	2 GAL.	CONTAINER
	VIBURNUM DAVIDII DAVID VIBURNUM	83	3 GAL.	CONTAINER
	VIBURNUM TOMENTOSUM PLICATUM 'SNOWFLAKE' SNOWFLAKE VIBURNUM	12	5 GAL.	CONTAINER

GROUNDCOVERS, GRASSES & PERENNIALS

SYMBOL	NAME	QTY.	SIZE	SPACING
	AJUGA REPTANS BUGLEWEED	1300	1 GAL	18"O.C.
	ARCHTOSTAPHYLOS UVA-URSI 'VANCOUVER JADE' VANCOUVER JADE COMMON BEARBERRY	1100	1 GAL	18"O.C.
	CAREX MORROWII VARIEGATA VARIEGATED JAPANESE SEDGE	25	2 GAL.	CONTAINER
	CALAMAGROSTIS ARUND. 'KARL FOERSTER' KARL FOERSTER'S FEATHER REED GRASS	38	2 GAL.	CONTAINER
	HEMEROCALLIS 'STELLA DE ORO' STELLA DE ORO DAYLILY	146	1 GAL.	18"O.C.
	HEUCHERA 'MELTING FIRE' MELTING FIRE CORAL BELLS	120	1 GAL	18"O.C.
	HEUCHERA 'RAVE ON' RAVE ON CORAL BELLS	36	1 GAL	18"O.C.
	HOSTA 'PATRIOT' PATRIOT HOSTA	34	2 GAL.	CONTAINER
	LAVENDER ANGUSTIFOLIA 'LAVENDER LADY' LAVENDER LADY ENGLISH LAVENDER	100	1 GAL	18"O.C.
	OPHIOPOGON PLANISCAPUS 'NIGRESCENS' BLACK MONDO GRASS	65	1 GAL	18"O.C.
	PENNISETUM ALOPECUROIDES 'HAMELNS' DWARF FOUNTAIN GRASS	124	2 GAL.	CONTAINER
	RUDBECKIA 'EARLY BIRD GOLD' EARLY BIRD GOLD BLACK-EYED SUSAN	119	1 GAL.	CONTAINER
SOD	SOD LAWN	12,800	S.F.	
SL	SEEDED GARDEN LAWN	24,600	S.F.	
MSL	SITE LAWN	18,800	S.F.	
	FLOW-THROUGH BASIN	1,450	S.F.	



1 SHRUB PLANTING DETAIL
SCALE: N.T.S.



2 GROUNDCOVER PLANTING DETAIL
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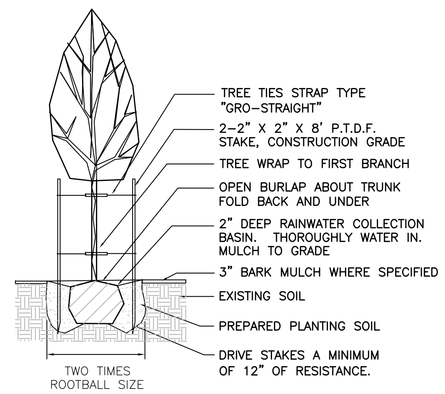

3 DECIDUOUS TREE PLANTING DETAIL
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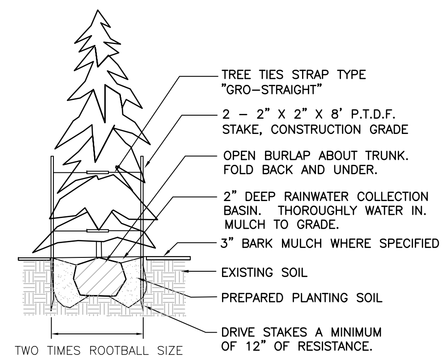
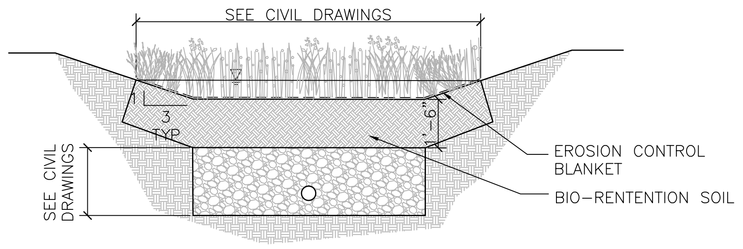


4 EVERGREEN TREE PLANTING DETAIL
SCALE: N.T.S.



NOTES:
1. SEE CIVIL DRAWINGS FOR LAYOUT AND DETAILING OF FLOW-THROUGH BASIN .
2. SEE SPECIFICATION 33 40 00 FOR BIO-RETENTION SOIL REQUIREMENTS.
3. CONTRACTOR TO INSTALL AN EROSION CONTROL BLANKET IN ALL AREAS WHERE FLOW-THROUGH BASIN SEED MIX IS LOCATED. SEE SOIL PREPARATION SPECIFICATIONS FOR PRODUCT DETAILS.

5 FLOW THROUGH BASIN DETAIL
1/2"=1'-0"

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