



# THE PLAZA IN DOWNTOWN ASHLAND

CITY OF ASHLAND, OREGON

DECEMBER 3, 2012

REGISTERED  
295  
Gregory T. Covey  
OREGON  
12/29/92  
LANDSCAPE ARCHITECT

CoveyPardee  
LANDSCAPE ARCHITECTS  
295 EAST MAIN, NO. 8  
ASHLAND, OREGON 97520  
541.552.1015  
g@coveypardee.com

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- L100 DEMOLITION
- L101 LAYOUT PLAN
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- L202 WALL ELEVATIONS
- L301 IRRIGATION PLAN
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- L401 PLANTING PLAN
- E100 LIGHTING PLAN

## PROJECT TEAM

- PROJECT MANAGER: CITY OF ASHLAND  
Public Works  
Scott Fleury  
Engineering Services Mgr.  
20 E Main St  
Ashland, OR 97520  
(541) 552-2412
- LANDSCAPE ARCHITECT: COVEY PARDEE  
Landscape Architects  
295 East Main No. 8  
Ashland, OR 97520  
(541) 552-1015
- LIGHTING CONSULTANT: Julia Rezek  
Lighting Design LLC  
709 Washington Street  
Ashland, OR 97520  
(541) 482-4254

The Plaza in Downtown Ashland  
Landscape Construction Documents  
North Main Street  
Ashland, Oregon 97520

NO.	ISSUE/REV.	DATE
0	90% Review	12/03/12

SHEET TITLE  
COVER SHEET

DATE	3 DEC 2012
SCALE	see plan
DRAWN	ADP
JOB	Plaza

SHEET

L001



FILE 1206-CV



**GENERAL NOTES**

- A. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. CITY OF ASHLAND AND CONTRACTOR ARE RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATES.
- B. TOPOGRAPHIC SURVEY PROVIDED BY TERRASURVEY, INC.
- C. CITY OF ASHLAND IS RESPONSIBLE FOR ALL DEMOLITION WORK. THIS PLAN IS PROVIDED FOR CONTRACTOR REFERENCE ONLY.

**LEGEND**

-  REMOVE EXISTING CONCRETE PAVING
-  REMOVE EXISTING TREE

**KEY NOTES**

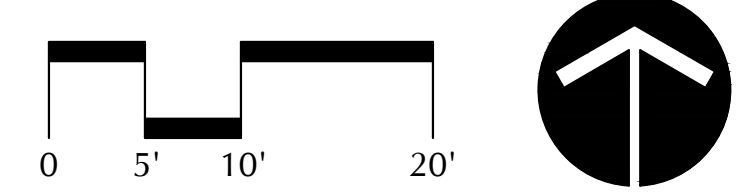
- 1 REMOVE BENCH
- 2 REMOVE FIRE HYDRANT.
- 3 BULLETIN BOARD / KIOSK (PROTECT IN PLACE)
- 4 RELOCATE DRINKING FOUNTAIN WATER METER. SEE LAYOUT PLAN, SHEET L101 FOR NEW LOCATION.
- 5 REMOVE OR RELOCATE WATER VALVE.
- 6 REMOVE IRRIGATION CONTROL VALVE.
- 7 REMOVE LIGHT POLE & LUMINAIRE.
- 8 REMOVE BOLLARD LIGHT.
- 9 RELOCATE ELECTRICAL PANEL. SEE LAYOUT PLAN, SHEET L101 FOR NEW LOCATION. REMOVE WOOD CABINET.
- 10 REMOVE BOULDER.
- 11 REMOVE BRICK PLANTER.
- 12 RELOCATE ELECTRICAL BOX.
- 13 REMOVE ASH URN.
- 14 REMOVE CONCRETE CURB. SEE LAYOUT PLAN, SHEET L101 FOR LIMITS OF REMOVAL.
- 15 REMOVE LITHIA WATER SIGN AND SALVAGE FOR FUTURE RE-INSTALLATION.
- 16 JAPANESE MAPLE TO BE TRANSPLANTED BY PARKS DEPARTMENT.
- 17 SAWCUT & REMOVE ASPHALT PAVING 1' FROM FACE OF CURB.
- 18 RELOCATE PRESSURE REDUCING VALVE FOR DRINKING FOUNTAIN. SEE SHEET L101 FOR NEW LOCATION.
- 19 RELOCATE DRINKING FOUNTAIN. SEE SHEET L101 FOR NEW LOCATION.
- 20 FLAG POLE W/ ELECTRICAL JUNCTION BOX AT BASE (PROTECT IN PLACE)
- 21 IRRIGATION WATER METER (PROTECT IN PLACE)
- 22 REMOVE INACTIVE WATER METER.
- 23 RELOCATE IRRIGATION BACKFLOW PREVENTION DEVICE. SEE IRRIGATION PLAN, SHEET L301 FOR NEW LOCATION.
- 24 REMOVE AREA DRAIN.
- 25 AREA DRAIN. RE-SET TO NEW GRADE AND ALIGNMENT OF PAVERS. SEE GRADING PLAN, SHEET L201.
- 26 RELOCATE UTILITY PAY BOX. SEE SHEET L101 FOR NEW LOCATION.
- 27 RELOCATE MAIL BOX. SEE SHEET L101 FOR NEW LOCATION.
- 28 REPLACE FOUNTAIN VAULT LID.
- 29 JUG FILLER (PROTECT IN PLACE)
- 30 REMOVE PLANTER CURB.
- 31 RELOCATE WATER METER, BACKFLOW PREVENTION DEVICE, AND HOSE BIB FOR DRINKING FOUNTAINS. SEE SHEET L101 FOR NEW LOCATION.
- 32 INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO BEGINNING WORK. CONTRACTOR TO MAINTAIN THROUGHOUT CONSTRUCTION.

NO.	ISSUE/REV.	DATE
0	90% Review	12/03/12

SHEET TITLE  
**DEMOLITION PLAN**

DATE	3 DEC 2012
SCALE	1"=10'
DRAWN	GTC
JOB	Plaza

SHEET  
**L100**  
FILE 1206-DEMO





**GENERAL NOTES**

- A. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATES WITH CITY OF ASHLAND.
- B. STAKE LAYOUT FOR REVIEW WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- C. TOPOGRAPHIC SURVEY PROVIDED BY TERRASURVEY, INC.

**LEGEND**

- PRECAST CONCRETE PAVERS. SEE DETAIL 6 / SHEET L102
- LP PRECAST CONCRET LIGHT POLE BASE TO BE PROVIDED AND INSTALLED BY CITY OF ASHLAND.
- TR TRASH RECEPTACLE TO BE PROVIDED AND INSTALLED BY CITY OF ASHLAND.

**KEY NOTES**

- 1 CONCRETE SEAT WALL W/ PRECAST CONCRETE CAP - FRIEZE ONE SIDE. SEE DETAIL 3 / SHEET L102.
- 2 CONCRETE SEAT WALL W/ PRECAST CONCRETE CAP - FRIEZE TWO SIDES. SEE DETAIL 4 / SHEET L102.
- 3 CONCRETE SEAT WALL W/ ONE BENCH. SEE DETAIL 1 / SHEET L102.
- 4 CONCRETE SEAT WALL W/ TWO BENCHES. SEE DETAIL 1 / SHEET L102.
- 5 TREE GRATE
- 6 CONCRETE CURB RAMP W/ DETECTABLE WARNING SURFACE PER CITY OF ASHLAND STANDARD DETAIL #\_\_\_
- 7 NEW CONCRETE CURB TO BE INSTALLED BY CITY.
- 8 NEW ASPHALT PATCH TO BE INSTALLED BY CITY.
- 9 NEW LOCATION OF ELECTRICAL PANEL TO BE INSTALLED BY CITY.
- 10 18" PLANTER CURB. SEE DETAIL 5 / SHEET L102.
- 11 6" PLANTER CURB. SEE DETAIL 2 / SHEET L102.
- 12 PRECAST CONCRETE PAVER SOLDIER COURSE.
- 13 NEW LOCATION OF EXISTING DRINKING FOUNTAIN TO BE RELOCATED BY CITY. PROVIDE 4" THICK CONCRETE PAD.
- 14 NEW LOCATION OF VALVE BOX FOR DRINKING FOUNTAIN WATER METER AND PRESSURE REGULATOR VALVE TO BE PROVIDED AND INSTALLED BY CITY.
- 15 NEW LOCATION OF EXISTING UTILITY PAY BOX. COORDINATE W/ CITY.
- 16 NEW LOCATION OF MAIL BOX. COORDINATE W/ CITY.
- 17 4" THICK CONCRETE PAD PER CITY STANDARD SIDEWALK DETAIL #\_\_\_
- 18 NEW LOCATION OF VALVE BOX FOR WATER METER, BACKFLOW PREVENTION DEVICE, AND HOSE BIB FOR DRINKING FOUNTAINS. ALL EQUIPMENT TO BE PROVIDED AND INSTALLED BY CITY.
- 19 APPROXIMATE LIMITS OF NEW CROSSWALK STRIPING TO BE INSTALLED BY CITY.

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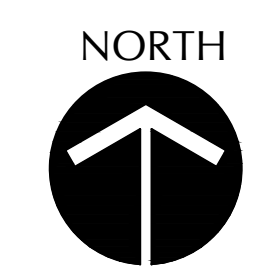
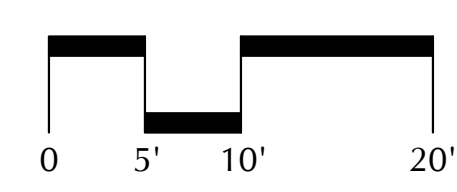
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Landscape Construction Documents  
North Main Street  
Ashland, Oregon 97520

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SHEET TITLE  
**LAYOUT PLAN**

DATE	3 DEC 2012
SCALE	1"=10'
DRAWN	GTC
JOB	Plaza

SHEET  
**L101**  
FILE 1206-LA



NO.	ISSUE/REV.	DATE
0	90% Review	12/03/12

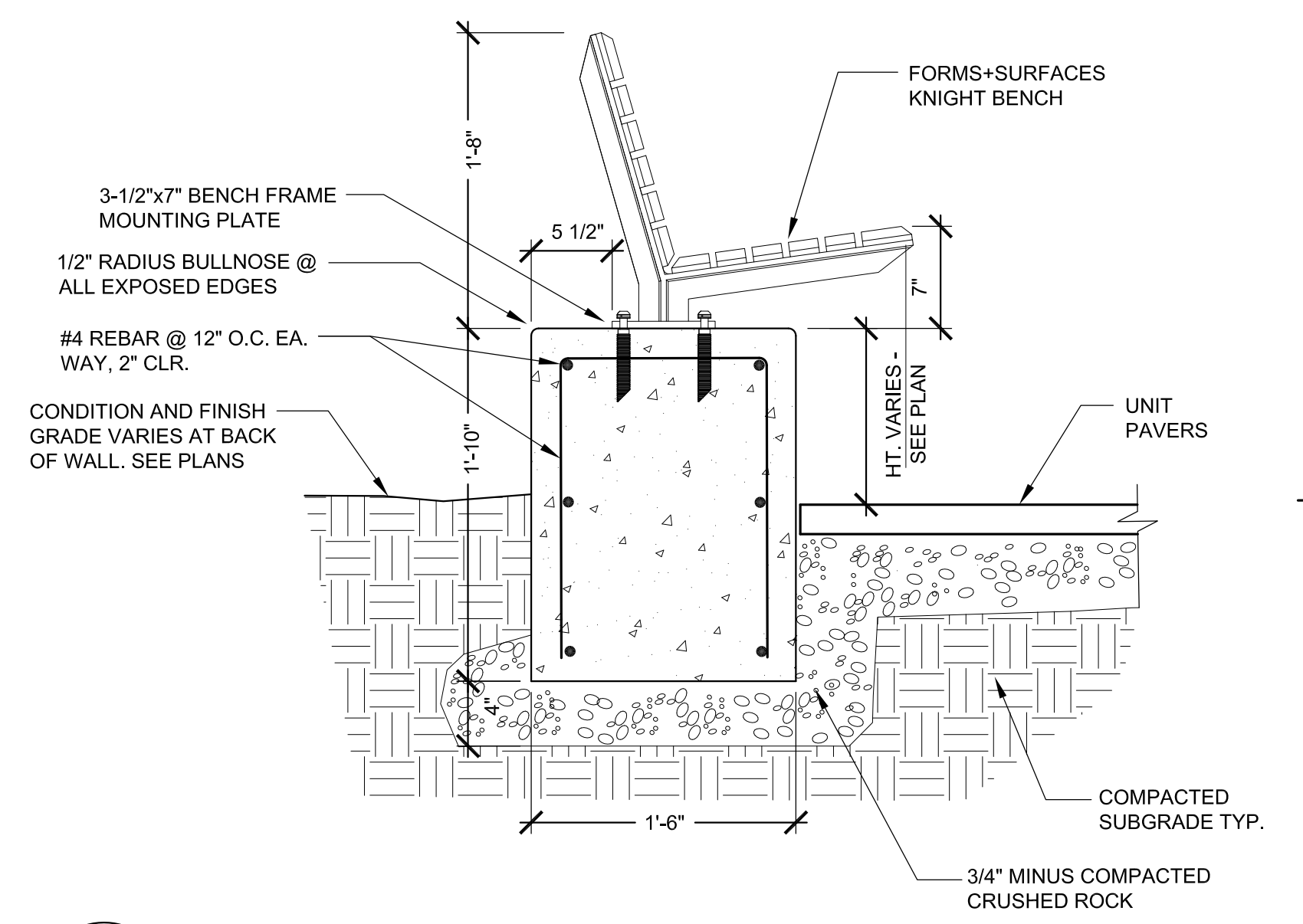
SHEET TITLE  
DETAILS

DATE	3 DEC 2012
SCALE	see plan
DRAWN	ADP
JOB	Plaza

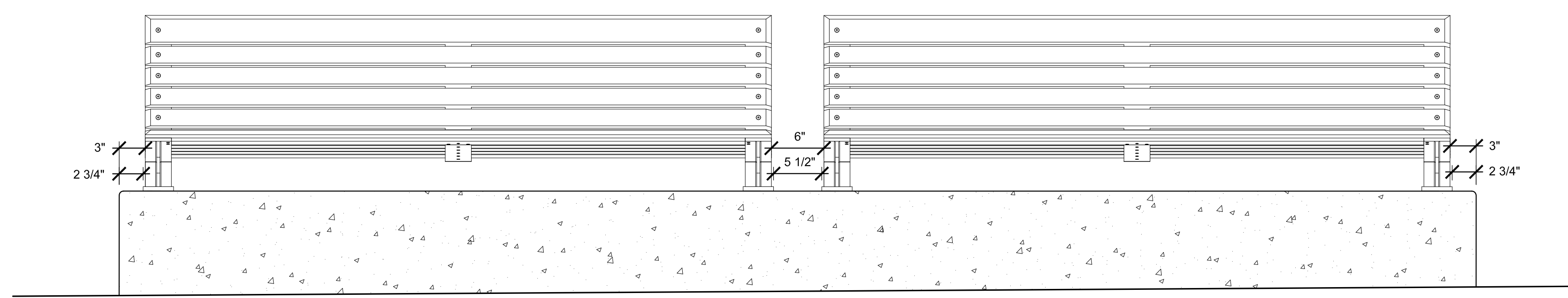
SHEET

L102

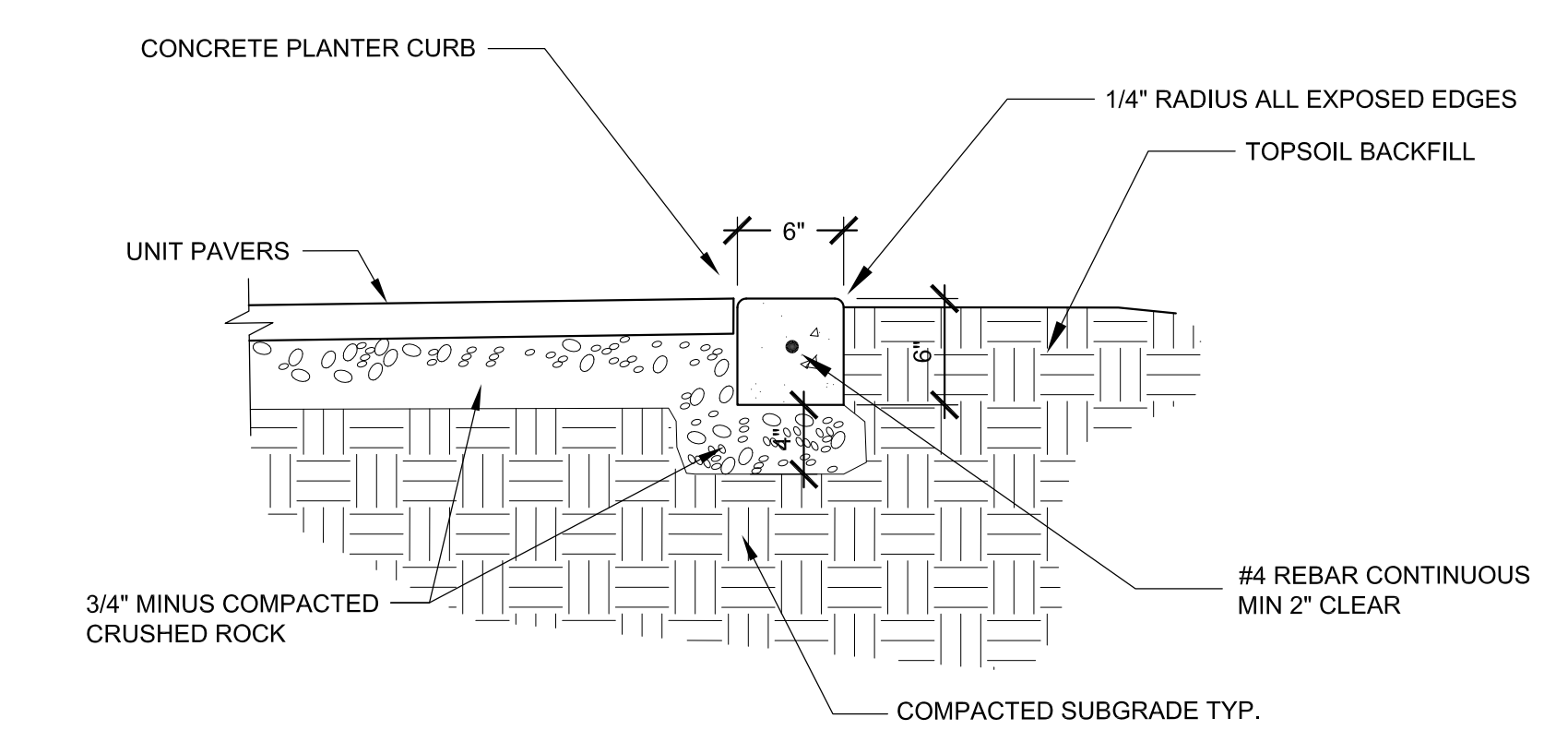
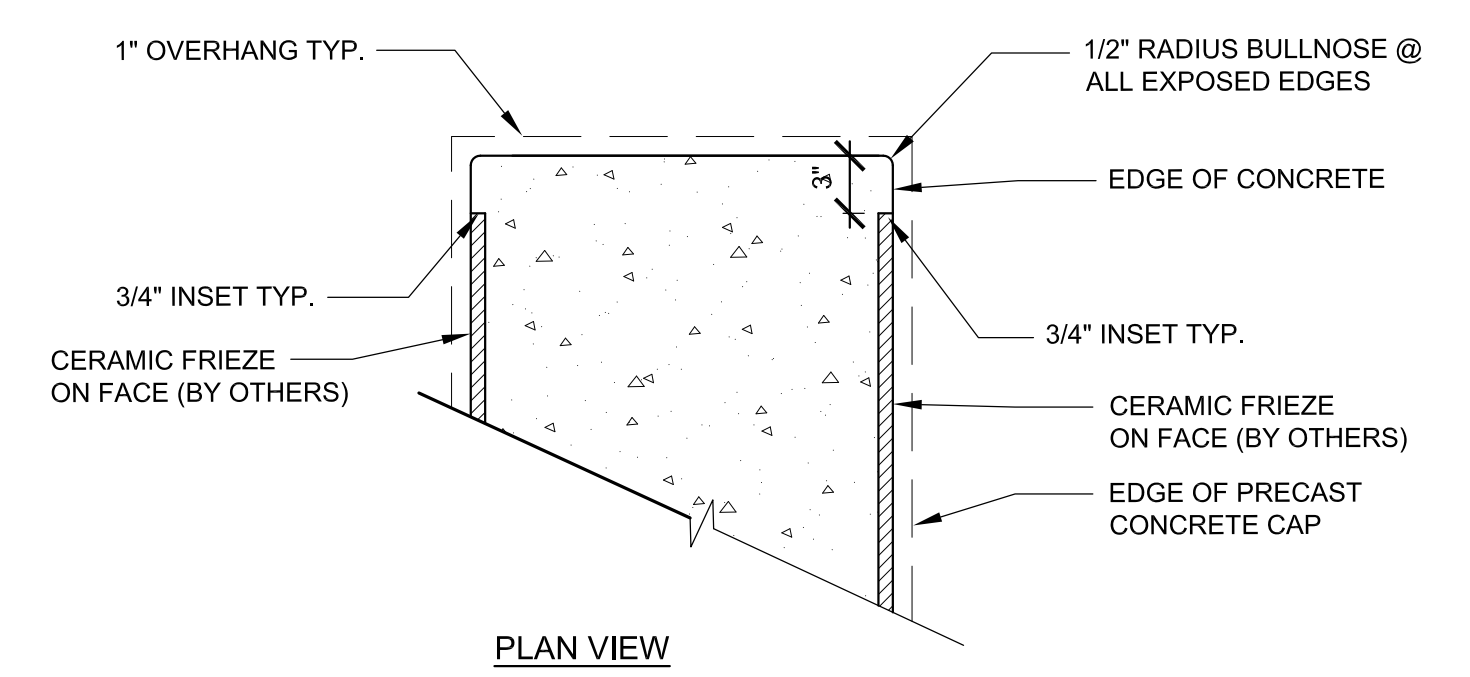
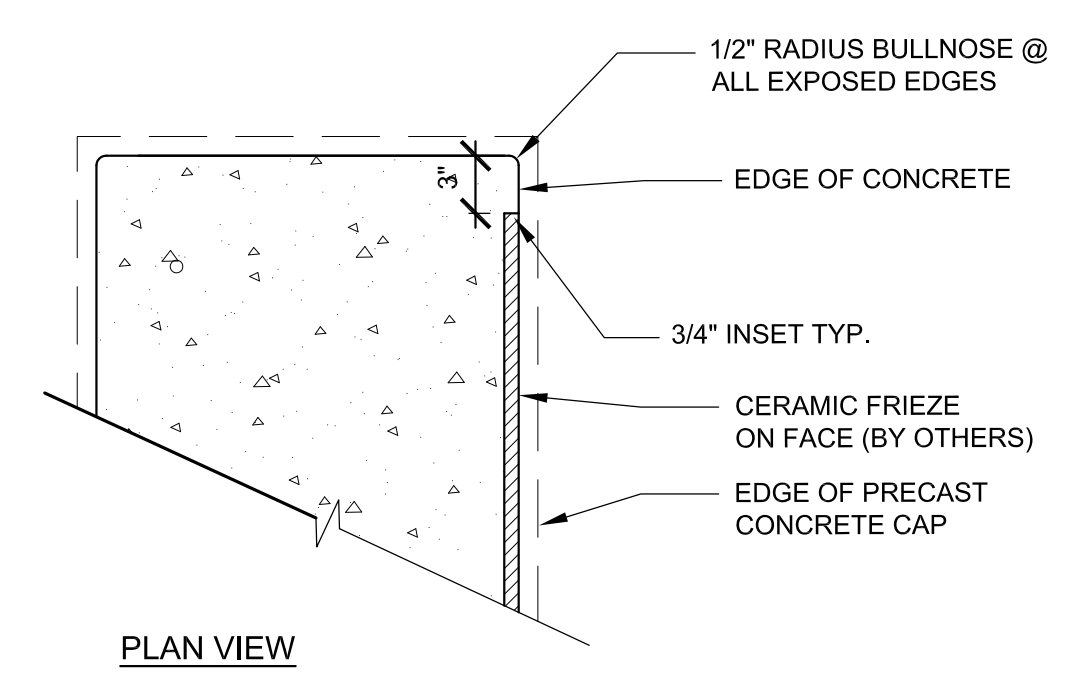
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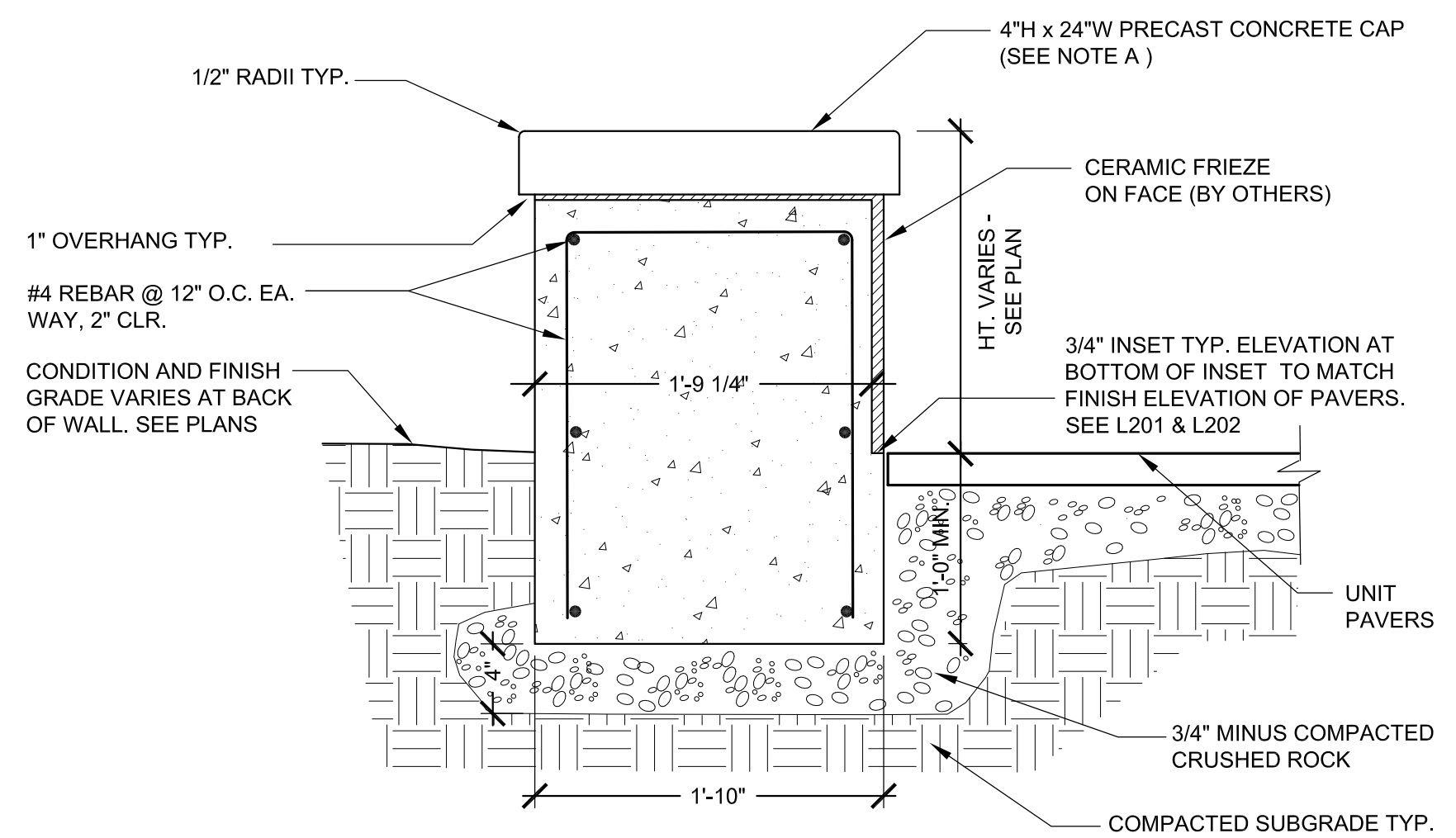
**1 SEAT WALL w/ BENCH**  
1" = 1'-0"



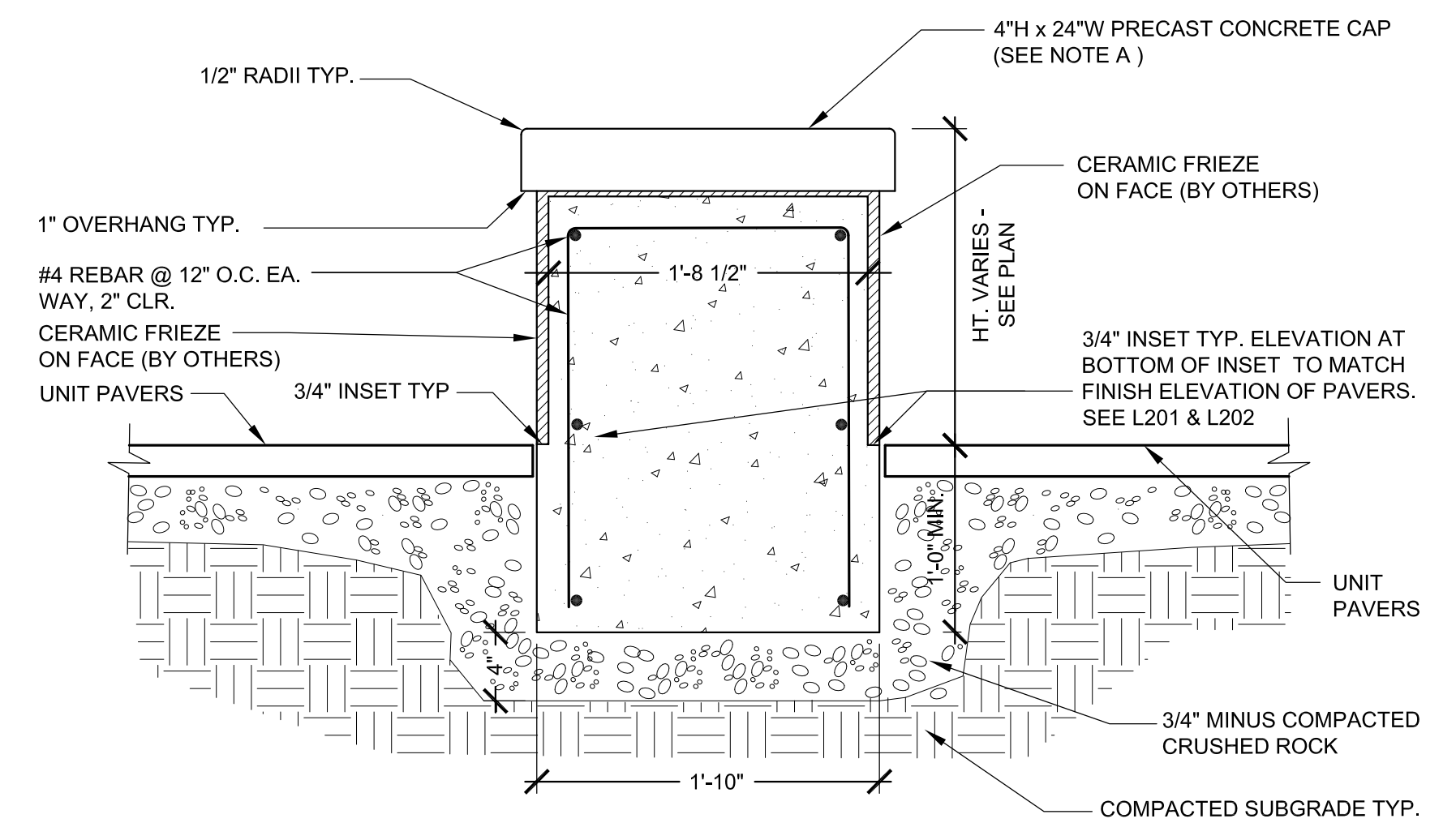
ELEVATION VIEW - SEAT WALL w/ BENCHES



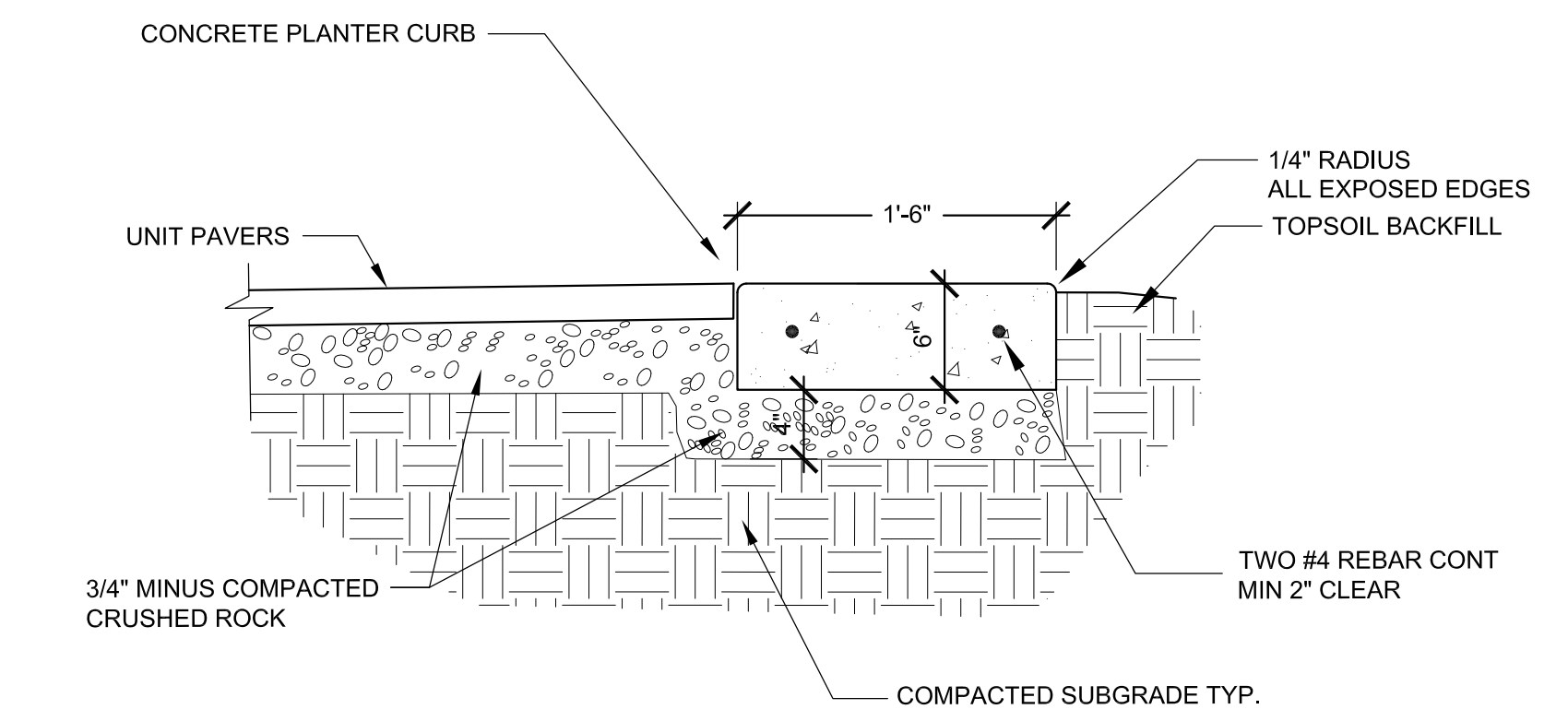
**2 6" PLANTER CURB**  
1" = 1'-0"



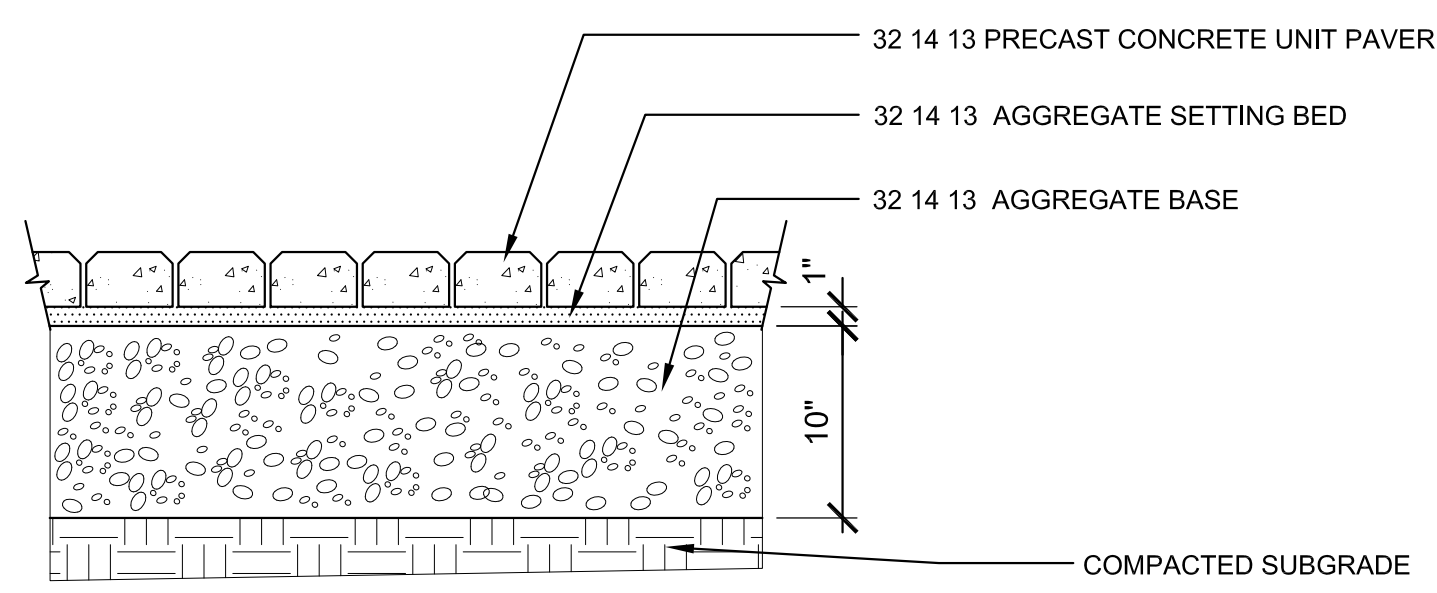
**3 SEAT WALL w/ PRECAST CAP  
CERAMIC FRIEZE ONE-SIDE**  
1" = 1'-0"



**4 SEAT WALL w/ PRECAST CAP  
CERAMIC FRIEZE TWO-SIDES**  
1" = 1'-0"



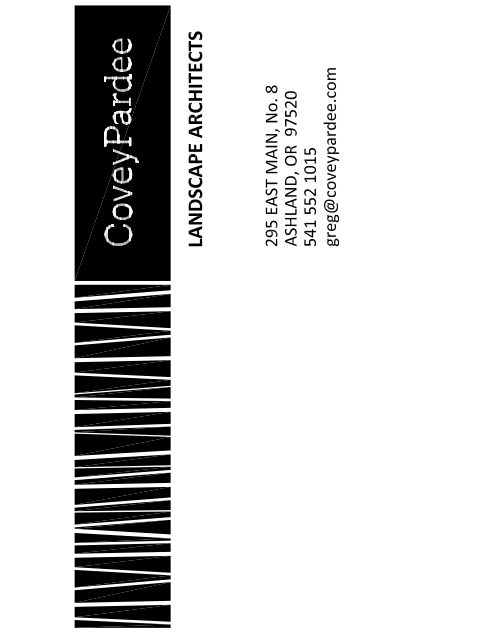
**5 18" PLANTER CURB**  
1" = 1'-0"



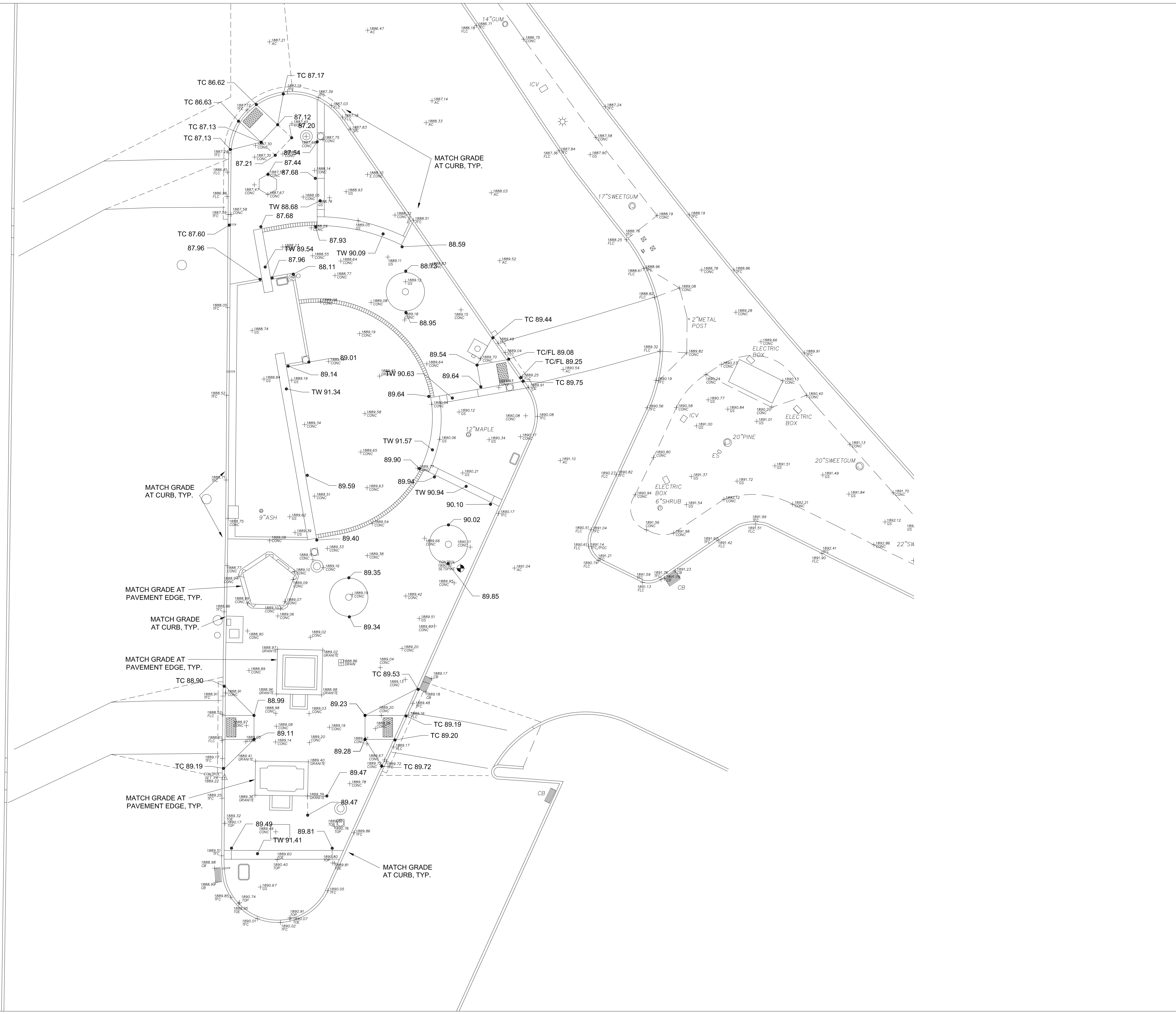
**6 PRECAST CONCRETE UNIT PAVERS**  
1" = 1'-0"

NOTES

A. Precast Concrete Cap as indicated on the drawings, and as manufactured by Michael's Precast Concrete. Concrete shall be a mix of gray cement, white cement, tan quartz aggregate, and Davis Color's pigment #5084. Contractor shall submit shop drawings and a sample to the Landscape Architect for written approval prior to placing final order. Michael's Precast Concrete: 35175 Southeast Hwy 211 Boring, OR (503) 666-4073.



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**LEGEND**

	EXISTING SURVEY ELEVATION
	75.00 PROPOSED ELEVATION
	AD AREA DRAIN
	FL FLOW LINE AT GUTTER
	OF OVERFLOW DRAIN
	TW TOP OF WALL (see Note E)
	TC TOP OF CURB

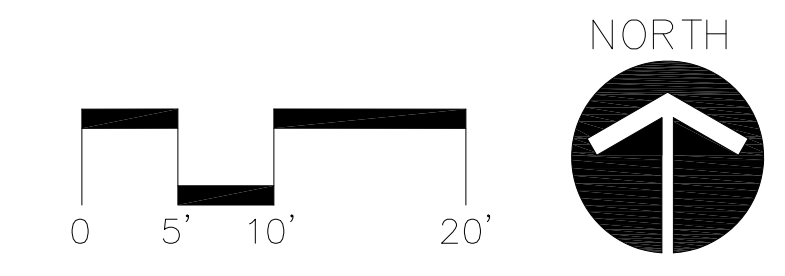
- NOTES**
- A. Verify locations of all below grade utilities prior to beginning work. Contractor is responsible for coordinating all utility locates.
  - B. Topographic survey provided by TerraSurvey, Inc.
  - C. Contractor shall install all new pavement and landscape areas to drain without ponding. If this cannot be achieved, notify the Landscape Architect immediately for resolution.
  - D. Add 1800 to all proposed elevations. The first two numerals have been omitted for abbreviation.
  - E. Top of wall elevation (TW) indicates top of concrete wall. For walls with a precast cap TW indicates the elevation including the cap. For walls to receive a bench, TW indicates the top of wall without a bench.

NO.	ISSUE/REV.	DATE
1	90% Review	12/03/12

SHEET TITLE  
**GRADING PLAN**

DATE	3 DEC 2012
SCALE	1"=10'
DRAWN	ADP
JOB	Plaza
SHEET	

**L201**  
FILE 1206-GR



NO.	ISSUE/REV.	DATE
0	90% Review	12/03/12

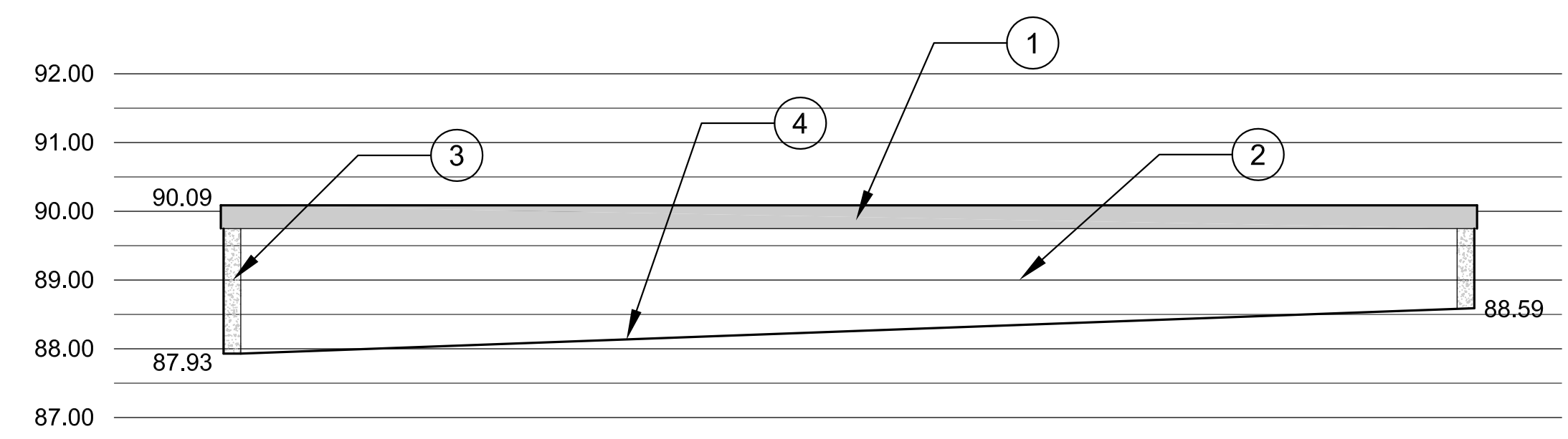
SHEET TITLE  
WALL ELEVATIONS

DATE	3 DEC 2012
SCALE	see plan
DRAWN	ADP
JOB	Plaza

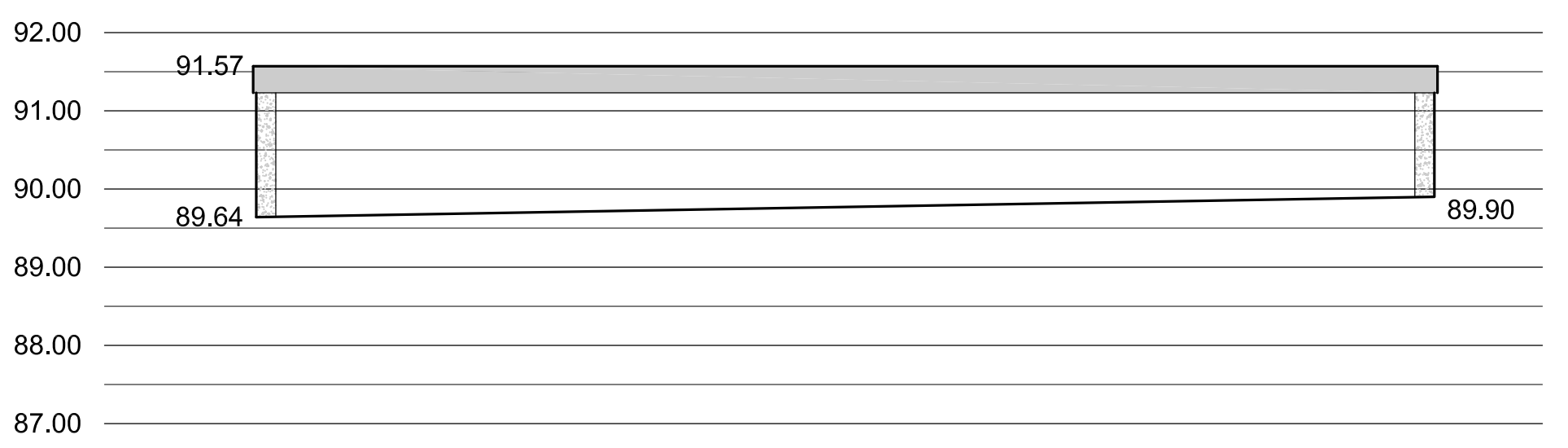
SHEET

L202

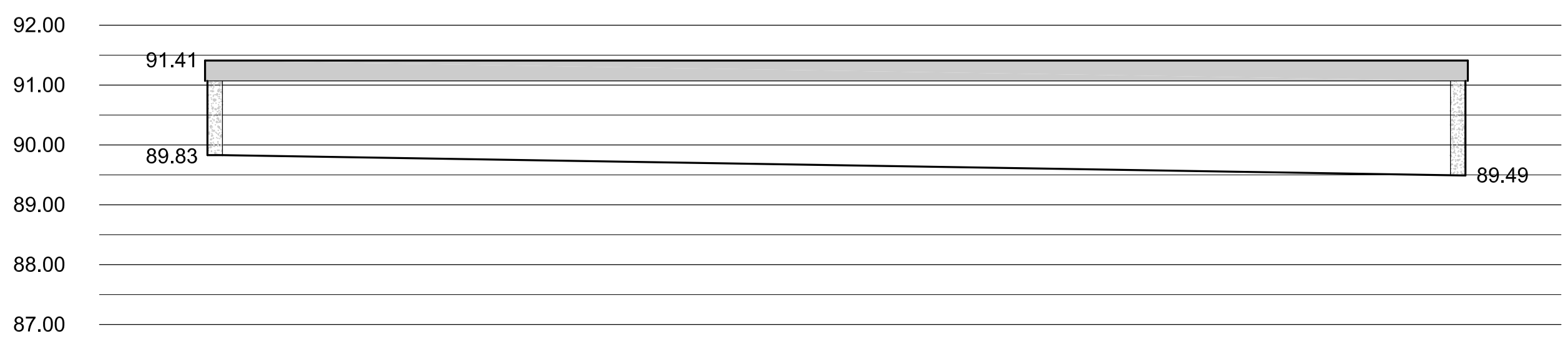
FILE 1206-GR



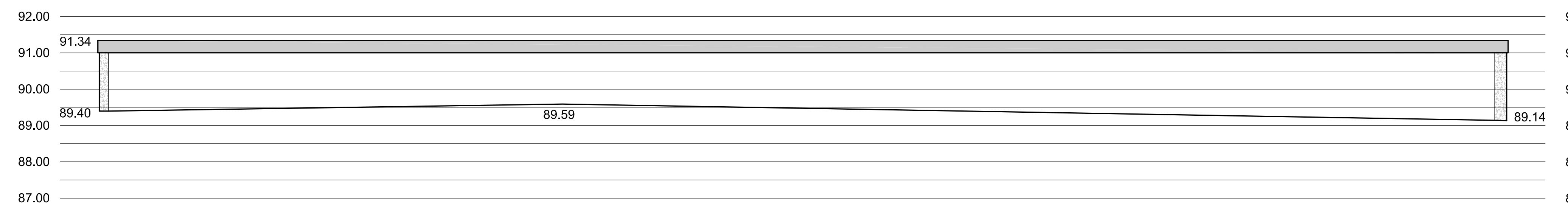
1 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



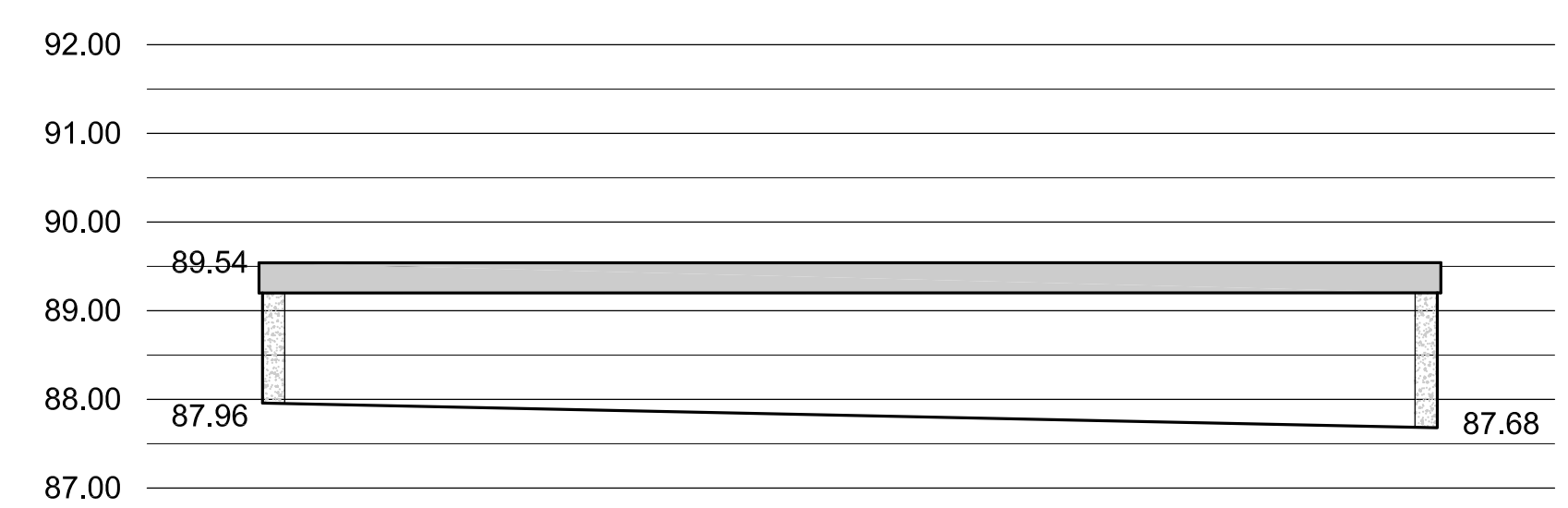
2 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



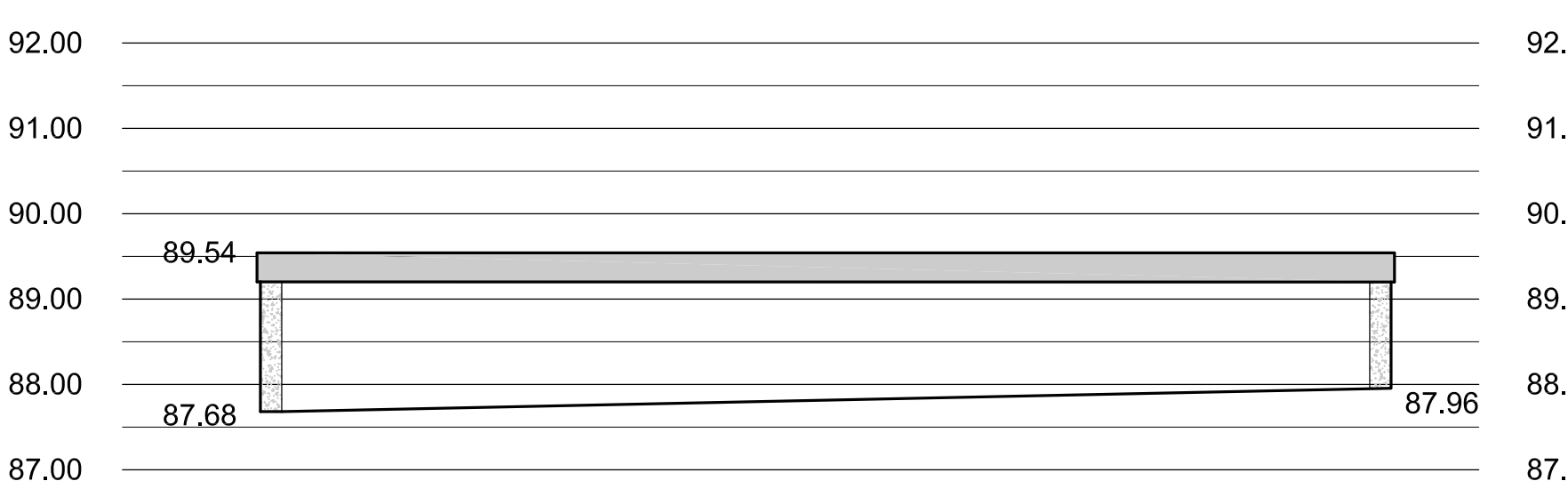
3 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



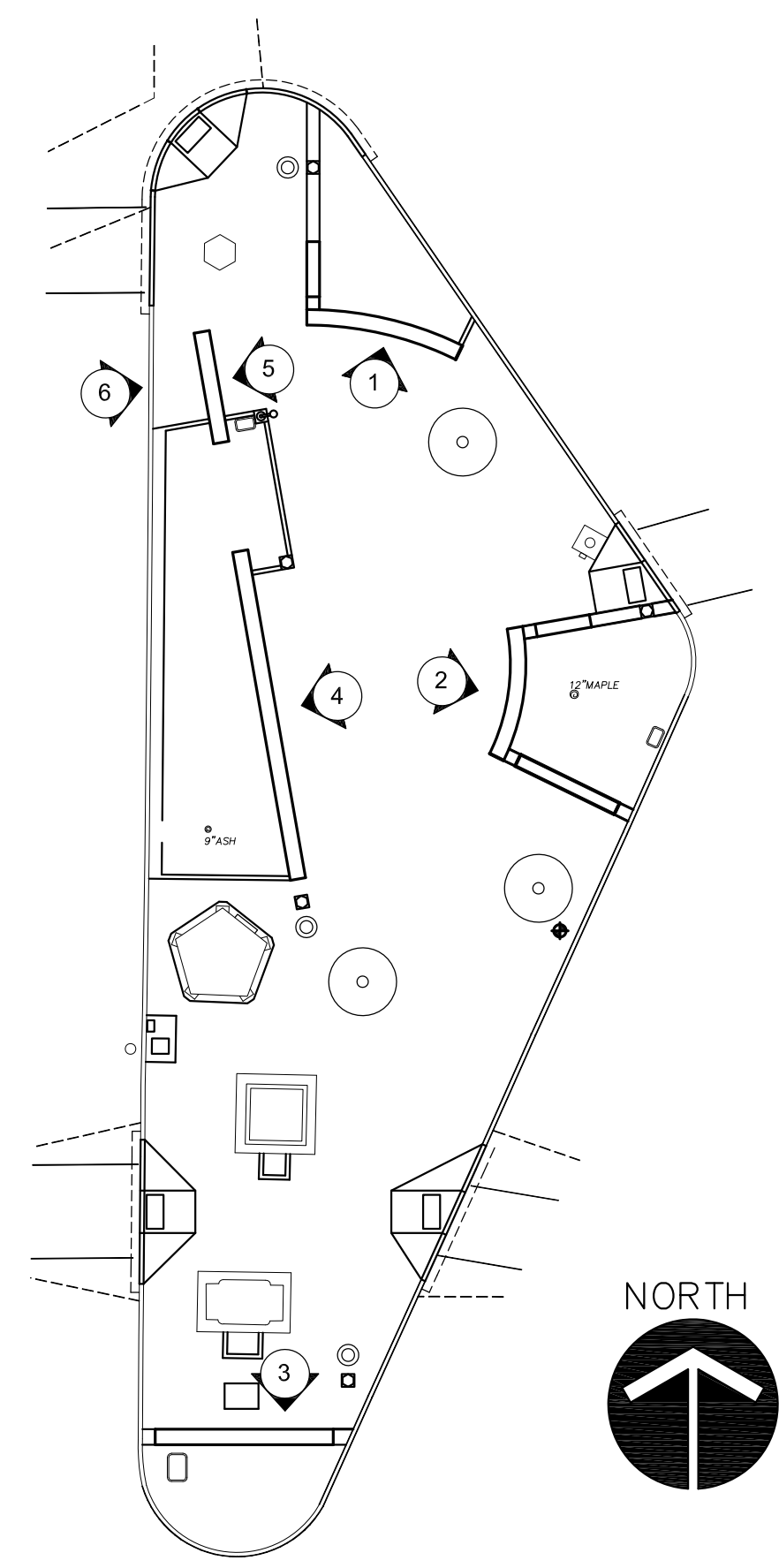
4 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



5 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



6 SEAT WALL - ELEVATION  
SCALE: 1/2" = 1'-0"



KEY MAP  
1"=20'-0"

NOTES

- A. Verify locations of all below grade utilities prior to beginning work. Contractor is responsible for coordinating all utility locates.
- B. Topographic survey provided by TerraSurvey, Inc.
- C. Contractor shall install all new pavement and landscape areas to drain without ponding. If this cannot be achieved, notify the Landscape Architect immediately for resolution.
- D. Add 1800 to all proposed elevations. The first two numerals have been omitted for abbreviation.

KEY NOTES (SHEET L202 ONLY)

- 1 4" THICK x 24" WIDE PRECAST CONCRETE CAP. SEE SPECIFICATIONS AND DETAILS 3 & 4 / L203.
- 2 CERAMIC FRIEZE BY OTHERS.
- 3 3" CONCRETE BAND. SEE DETAILS 3 & 4 / L203.
- 4 FINISHED ELEVATION OF PAVERS. SEE L201. ELEVATION AT BOTTOM OF 3/4" INSET TO MATCH FINISHED ELEVATION OF PAVERS.

IRRIGATION NOTES

- A. The landscape contractor shall inspect the site and verify conditions and dimensions prior to construction.
- B. Install irrigation system to comply with the codes and ordinances of all jurisdictional agencies.
- C. Irrigation plans are schematic. Place irrigation lines in common trench whenever possible. Field adjust lines to avoid conflict with utilities.
- D. All valves shall be placed in valve boxes in a manner which facilitates access for maintenance. Locate valve boxes in shrub beds.
- E. All components of irrigation system shall be installed and adjusted to provide complete coverage. Contractor is responsible for providing a complete working system.
- F. Verify minimum static water pressure of 45 psi at existing point of connection. Notify the Landscape Architect if actual field data differs from this information.
- G. System is designed to operate with a minimum of 40 psi at the furthest head from the point of connection. Head layout and zones are based on this data, and specifications shown in the irrigation legend. Notify the Landscape Architect if actual field data differs from this information.
- H. Irrigation laterals are sized starting at valve and continuing in direction of flow. Reductions in pipe size are labelled beginning downstream of nearest fitting. All laterals not sized are minimum 3/4 inch or same size as nearest adjacent pipe.
- I. Valve Key 

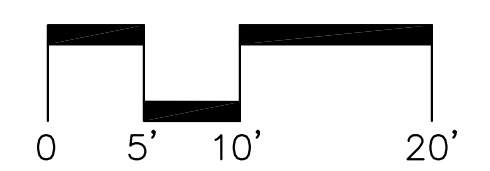
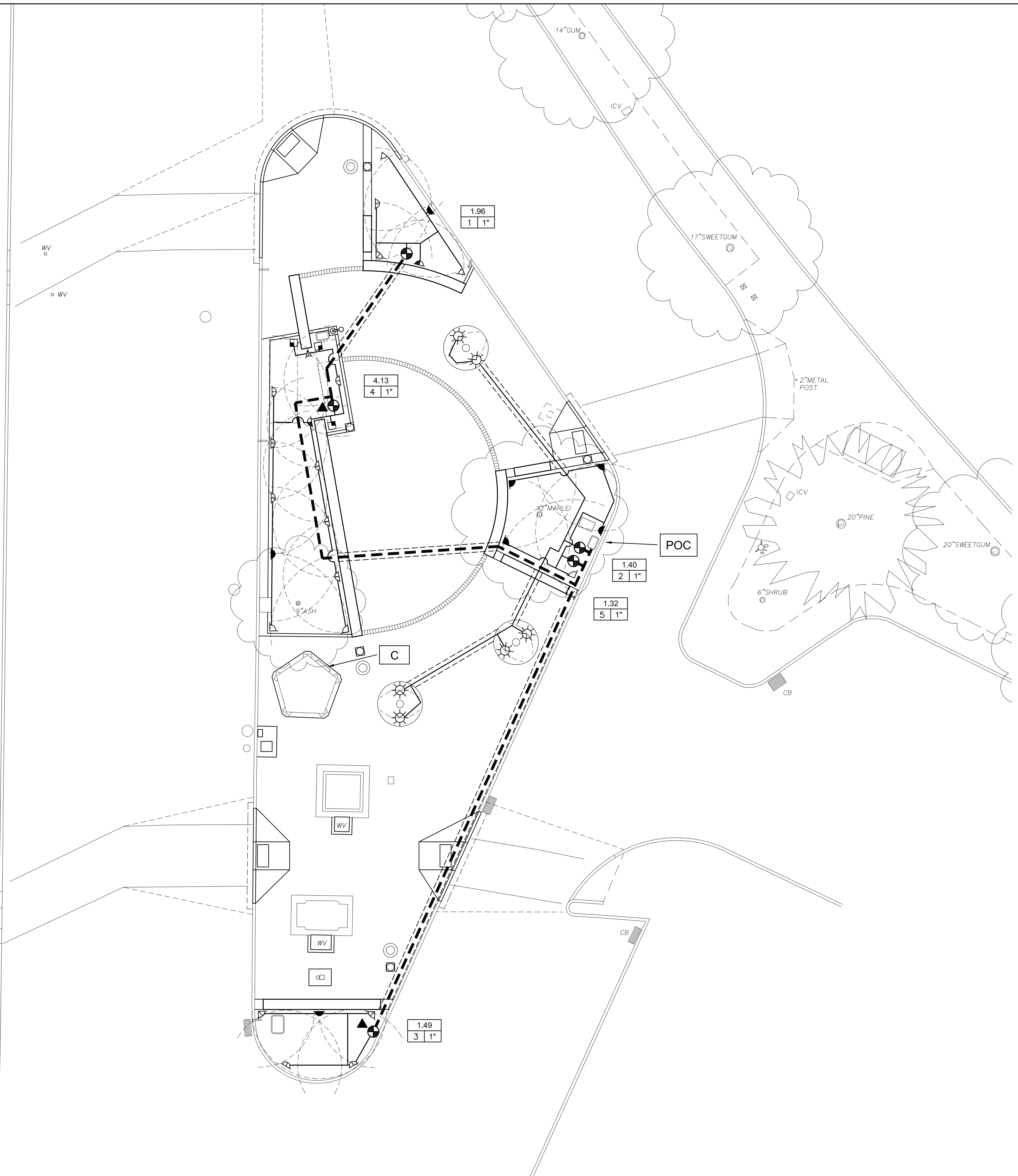
23.0	G.P.M.
7	1"

 Zone number Valve size
- J. Install all irrigation pipe in PVC sleeves below all paved surfaces as specified in Section 32 84 23, Irrigation.
- K. Provide 12" pop-up sprinkler heads for all shrub beds unless otherwise indicated on the plans. At tree grates, install 4Q nozzles w/ adapter on sch 80 riser.
- L. Multi-strand control wire not allowed. Use 14 gauge wire as specified in Section 32 84 23, Irrigation.
- M. Install drain valves at low points in main and lateral lines. Install quick coupling valves at high points in the main lines to facilitate blowing out the system.
- N. Provide in-line check valves as required to prevent low head drainage.

IRRIGATION LEGEND

SYMBOL	RADIUS	NOZZLE	GPM	PSI	MODEL
	8'	8Q	0.24	30	Hunter PRS30 Series spray head w/ nozzle indicated. See notes for pop-up size.
	8'	8H	0.47	30	"
	10'	MPCorner	0.19	40	Hunter PRS40 Series spray head w/ nozzle indicated. See notes for pop-up size.
	10'	MP1000-90	0.19	40	"
	10'	MP1000-180	0.37	40	"
	12'	MP1000-90	0.19	40	"
	12'	MP1000-180	0.37	40	"
	14'	MPCorner	0.19	40	"
	14'	MP1000-90	0.19	40	"
	14'	MP1000-120	0.37	40	"
	14'	MP1000-180	0.37	40	"
	5'x15'	MPLCS515	0.22	40	"
	5'x15'	MPRCS515	0.22	40	"
	5'x30'	MPSS530	0.44	40	"
	4'	4Q	0.22	30	Hunter MP Rotator Series nozzle w/ PROS-00 Shrub Adapter on riser. See details.

SYMBOL	DESCRIPTION
	Hunter ICV-101G Remote Control Valve
	Hunter HQ-33-DLRC Quick Coupling Valve
	MAIN LINE, SCH 40 PVC (1" DIA. Unless noted otherwise)
	LATERAL LINE, SCH 40 PVC (3/4" DIA. Unless noted otherwise)
	SLEEVE, SCH 40 PVC, MIN. 4" DIA. UNLESS OTHERWISE NOTED. Coordinate with General Contractor.
	Relocate existing Backflow Preventer / Point of Connection to location indicated. Coordinate with General Contractor.
	Relocate existing wall-mounted controller in new electrical cabinet. Coordinate with General Contractor.



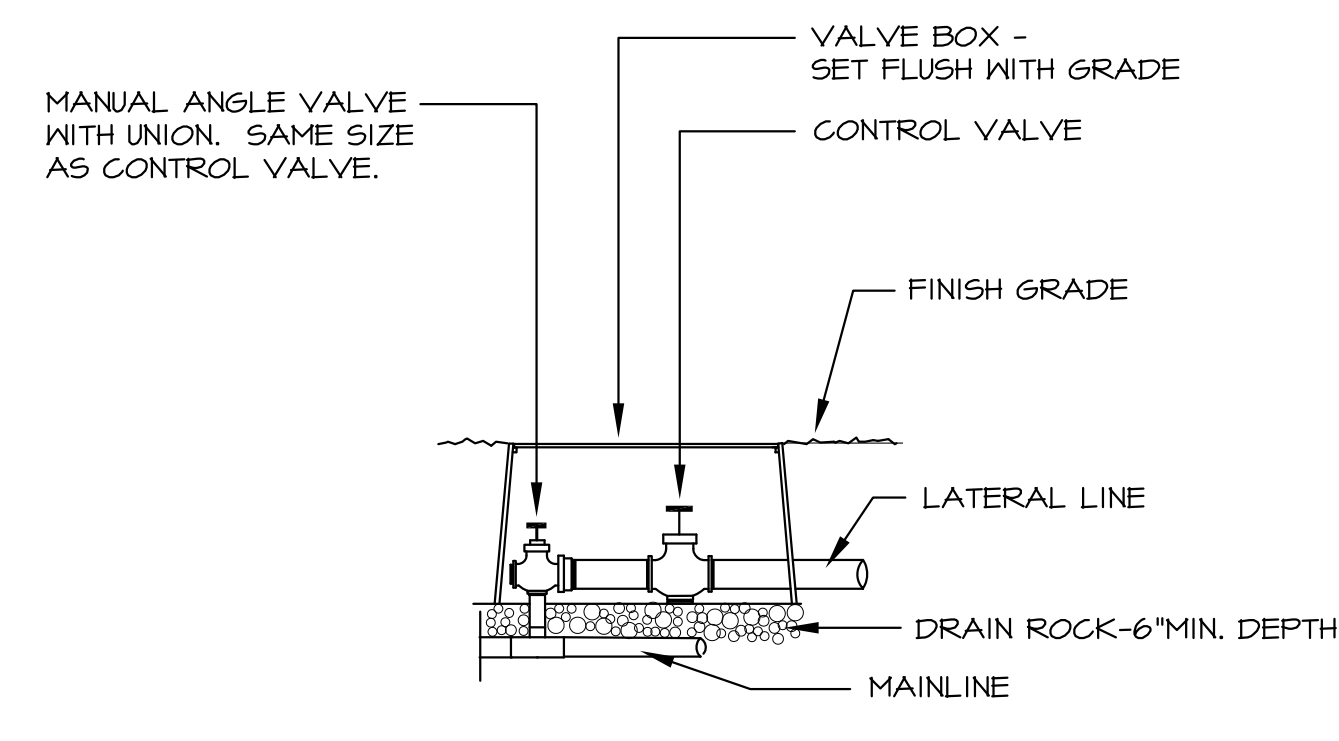
NO.	ISSUE/REV.	DATE
0	90% Review	12/03/12
		12/3/12

SHEET TITLE	IRRIGATION DETAILS
DATE	3 DEC 2012
SCALE	1"=10'
DRAWN	ADP
JOB	Plaza

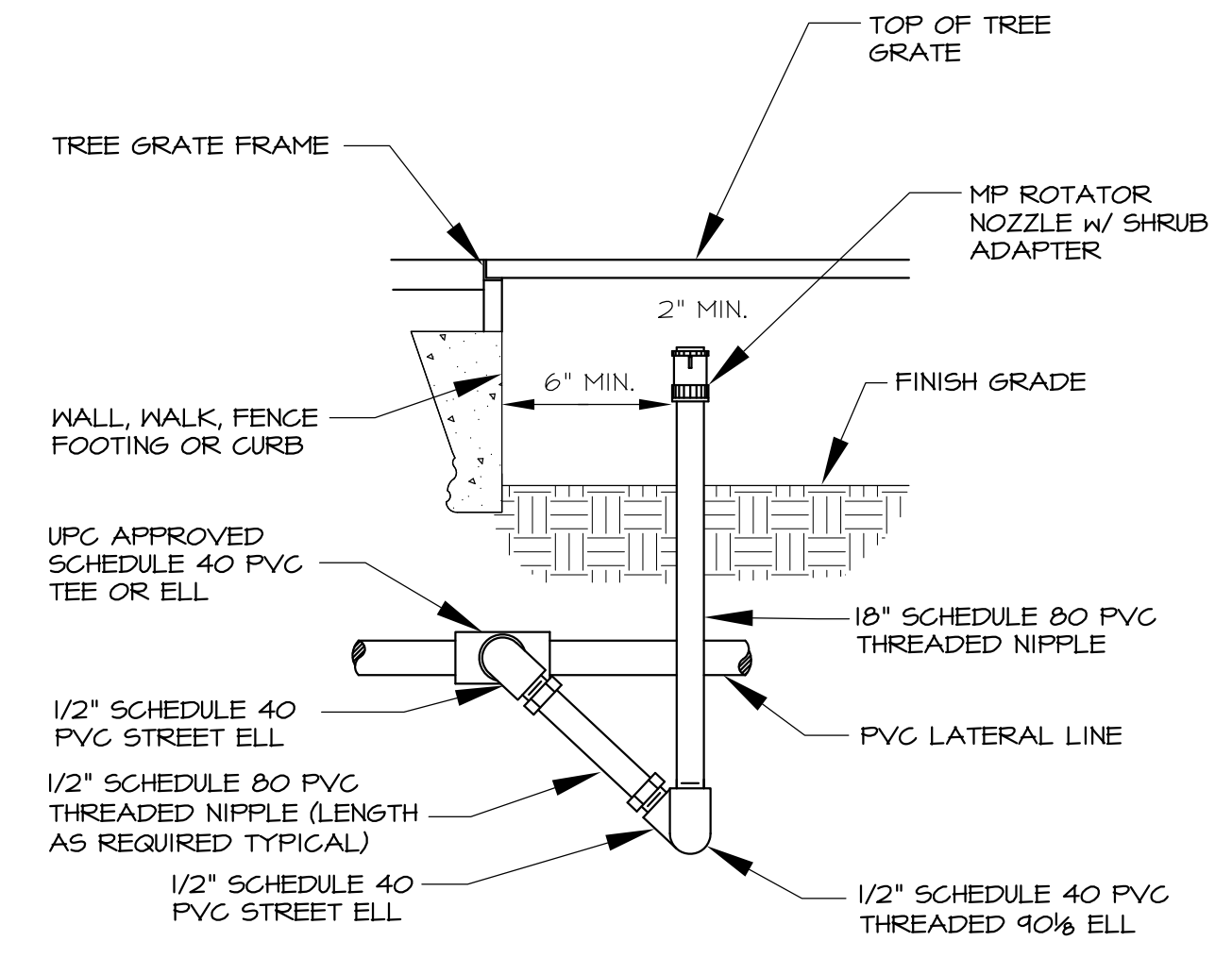
SHEET	L302
FILE	1206-IR



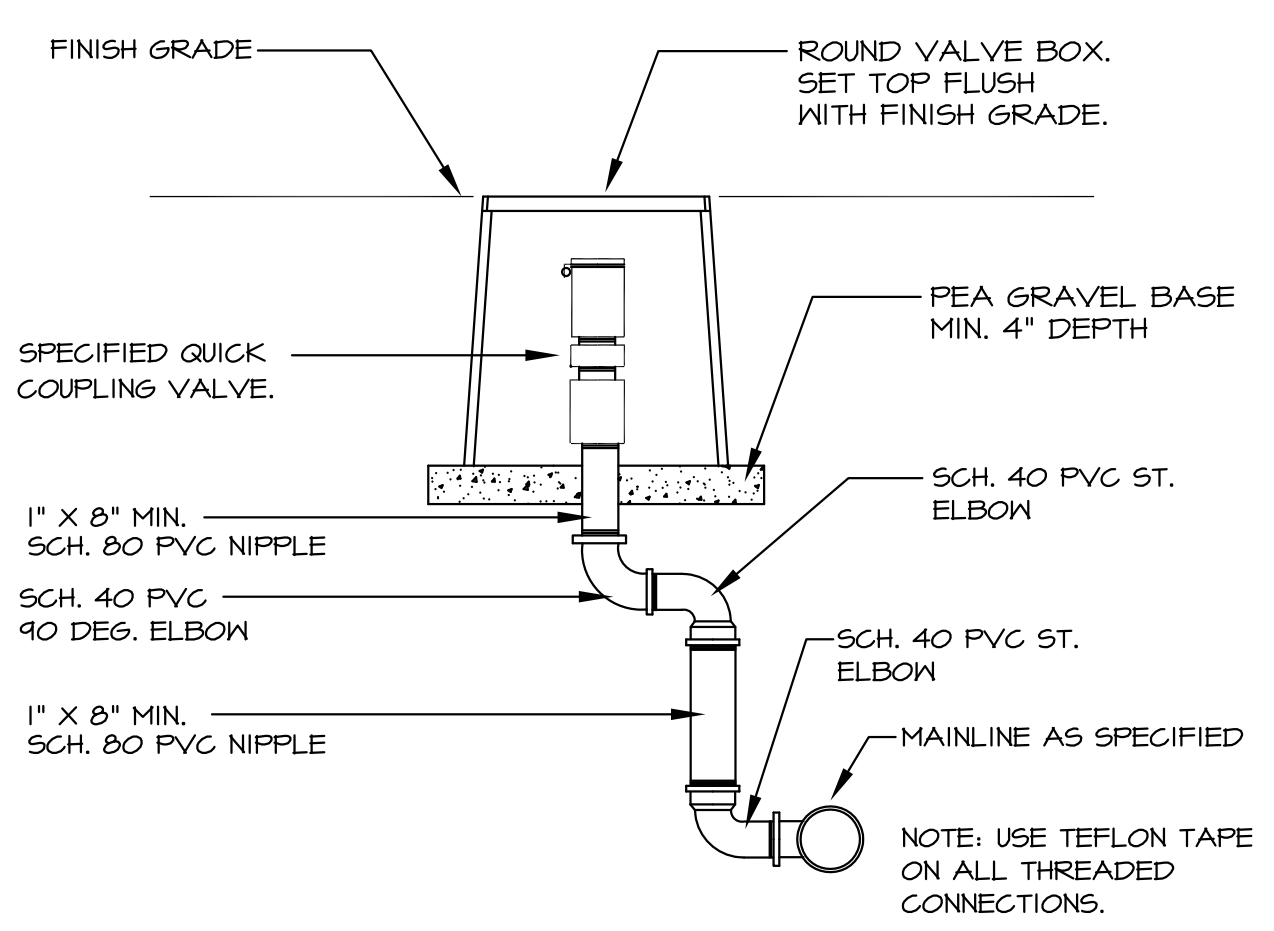
1 POINT OF CONNECTION  
- NOT TO SCALE



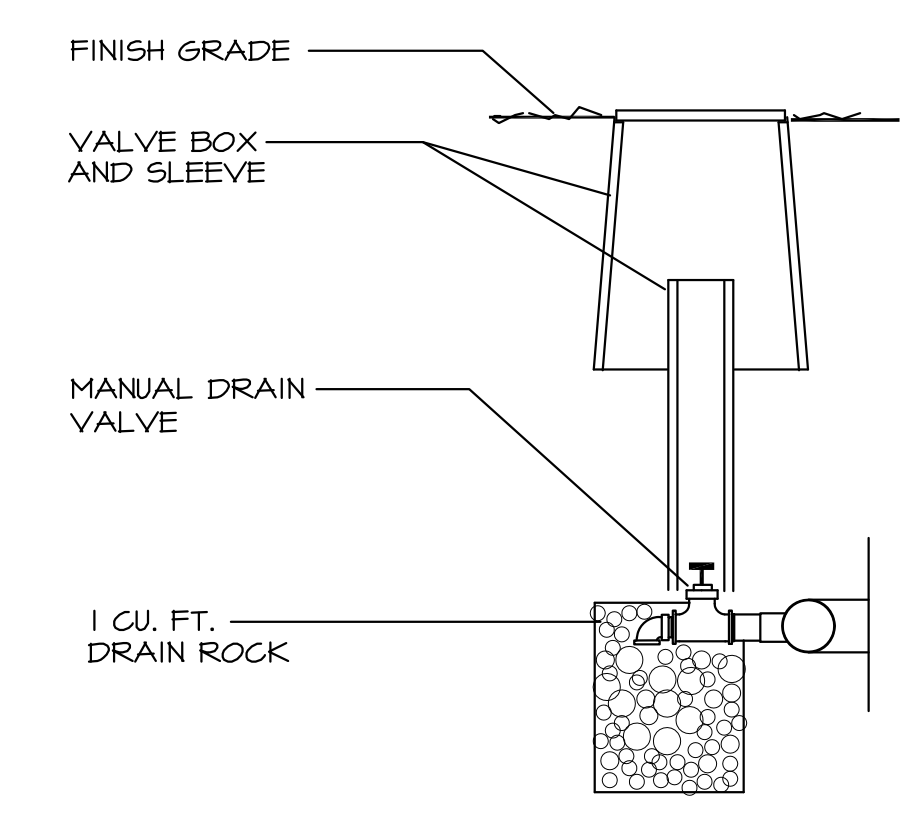
2 IRRIGATION CONTROL VALVE  
- NOT TO SCALE



3 SPRAY SPRINKLER ON FIXED RISER  
- NOT TO SCALE



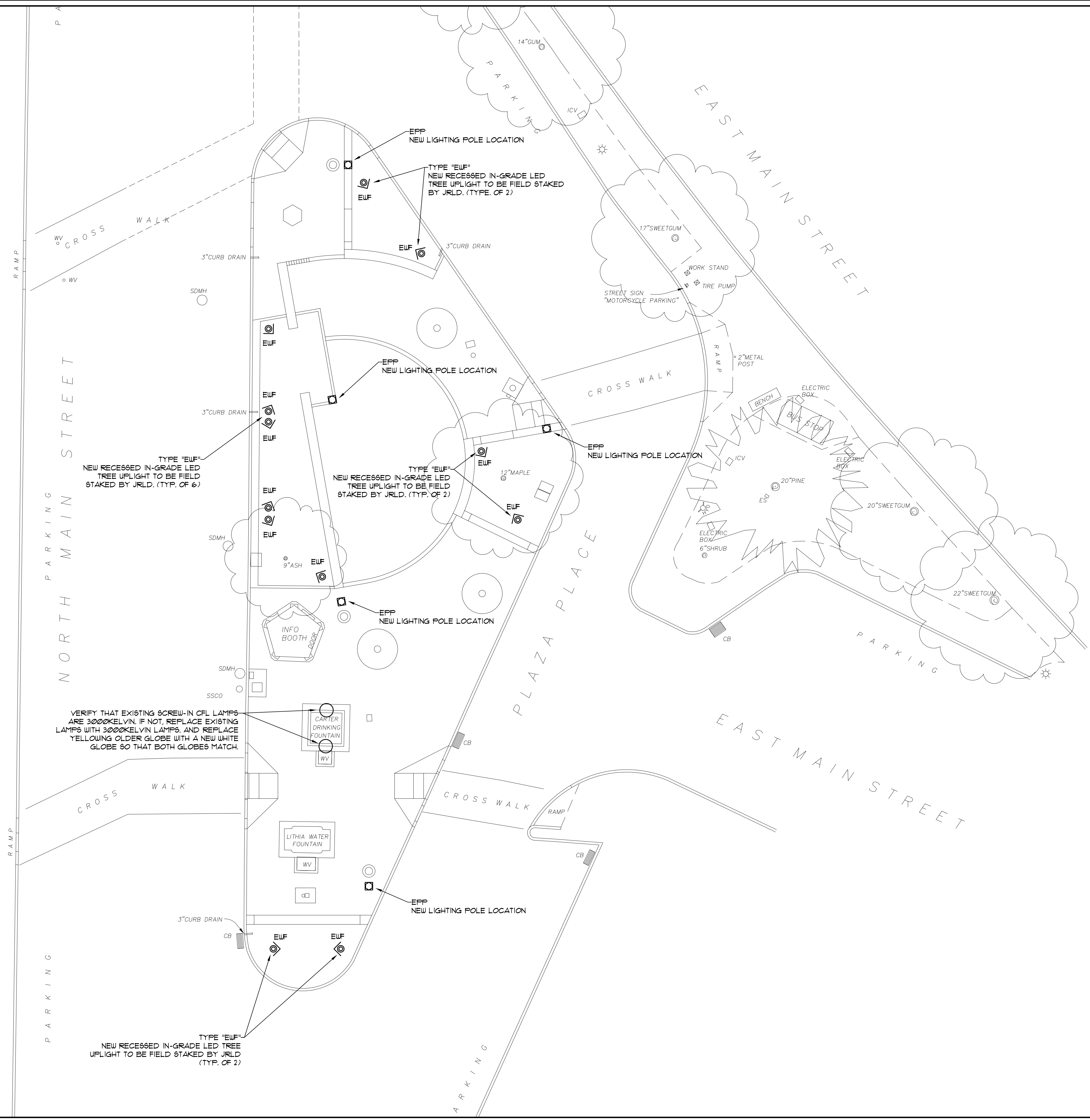
4 QUICK COUPLING VALVE  
- NOT TO SCALE



5 MANUAL DRAIN VALVE  
- NOT TO SCALE







TYPE "EUF"  
NEW RECESSED IN-GRADE LED  
TREE UPLIGHT TO BE FIELD  
STAKED BY JRLD. (TYP. OF 2)

TYPE "EUF"  
NEW RECESSED IN-GRADE LED  
TREE UPLIGHT TO BE FIELD  
STAKED BY JRLD. (TYP. OF 2)

VERIFY THAT EXISTING SCREW-IN CFL LAMPS  
ARE 3000KELVIN. IF NOT, REPLACE EXISTING  
LAMPS WITH 3000KELVIN LAMPS, AND REPLACE  
YELLOWING OLDER GLOBE WITH A NEW WHITE  
GLOBE SO THAT BOTH GLOBES MATCH.

TYPE "EUF"  
NEW RECESSED IN-GRADE LED TREE  
UPLIGHT TO BE FIELD STAKED BY JRLD  
(TYP. OF 2)

SCALE: 1" = 10'-0"  
DATE: 07-26-17  
DESIGNER: JLR  
CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS

# ASHLAND DOWNTOWN PLAZA LIGHTING PLAN

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**JULIA REZEK** IALLD.  
LIGHTING DESIGN  
697 MARLETTE RD., ASHLAND, OR 97520 541-488-2154 FAX 541-488-9370 jreze@jreze.com

## News Release

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FOR IMMEDIATE RELEASE, PLEASE

DATE: December 14, 2012

CONTACT: Engineering Services Manager Scott Fleury  
541-552-2412

Re: Plaza Construction Begins

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Preparation for construction on the Ashland Plaza has begun.

City crews have begun preliminary work on the Plaza and will start demolition and removal of the concrete on January 2, 2013. Three Plaza trees will be removed. The Parks Department will remove and relocate the existing Japanese maple and an arborist will remove the two sweetgum trees on December 20. For more information on why the trees are being removed please visit [www.ashland.or.us/plazatrees](http://www.ashland.or.us/plazatrees). The archeologist began probes on Tuesday, December 11. Depending on the result of the probes, the project could be delayed.

The existing utility meters, currently housed in the gray shed adjacent to the information booth, will be relocated to the backside of the booth and the shed removed. Crews will begin removing the existing concrete, base rock, the benches and vegetation. Trenches will be dug to reroute electrical conduit for new light poles and up-lighting. The information booth will get a facelift with new stucco and the porcelain bowls on the Lithia fountain will be refurbished.

It is expected the Plaza will be ready for contractors to begin their work by mid-January and the work will be substantially completed in early to mid-March. The staging area for the contractors will be the parking slots on the Main Street side of the Plaza (opposite the Plaza businesses) and possible two parking slots in front of City Hall.

The City of Ashland issued a Request for Proposal for this project in May 2012 and local landscape architecture firm CoveyPardee was awarded the contract. A series of public meetings were held to solicit input from citizens on three conceptual designs. The City Council approved the final design in August 2012. CoveyPardee then developed construction documents and the project was put out to bid.

The City expects to award the construction contract in the next few weeks and will require the contractor to begin work within five days of the signed contract. The City is hopeful construction will begin mid-January.

(end)

## Why is the City removing Trees from the Plaza?

Three trees will be removed from the Plaza as a part of the upcoming Plaza improvement project. There are currently five trees on the Plaza; after the project is complete the Plaza will have a total of nine trees.

### Japanese maple

The tree is struggling: heavy pruning has occurred because of damaged limbs due to people climbing in the tree, and canopy dieback. In addition, the tree has suffered significant sun scalding, the soil is compacted and the roots are starting to girdle the trunk. The Parks Department intends to replant this tree in a more suitable location, probably in Lithia Park.

### Liquidambar (sweetgum)

There are two liquidambar trees on the Plaza. One measures 31 inches in diameter and is 90 feet tall and the other measures 21 inches in diameter and is 60 feet tall. The larger tree has severe girdling of its roots. This happens when roots are growing and circling around the main stem of the tree and have started to cut off and restrict the movement of water, plant nutrients and stored food reserves. As such, the health of this tree will continue to decline and increase the likelihood of dropping limbs. The risk of heavy limbs dropping on vehicles or pedestrians is too great to leave the tree in place.

The second liquidambar also shows signs of girdling roots and eventually will show the same signs of deterioration as stated above. Rather than wait for the tree to get even worse, the decision was made to remove it. The decision was made based on the future and the safety of pedestrians on and near the Plaza and they would be removed even if improvements to the Plaza were not going to occur.

Liquidambars are not recommended street trees. They have aggressive, shallow roots which tend to lift surrounding space (sidewalks, curbs etc.) and damage utilities; the fruit consists of round seed balls which drop and create tripping hazards. It is highly advised in horticulture literature to plant sweetgum trees in areas with open space and a long distance from foundations and hardscapes. It was the wrong species to plant in the Plaza and other areas of Ashland years ago.

### Modesto ash

Earlier this fall, the diseased Modesto ash was removed.

### New Trees

The trees described above will be replaced with trees more appropriate to an urban setting. The following trees have been identified as replacement trees suitable for the Plaza. Once established, they are drought tolerant, their form provides shade for the Plaza but they are not too

tall for overhead lines, and the trees do not exhibit aggressive rooting habits that will disrupt utilities, sidewalks, curbs and streets. “They are beautiful selections,” says city arborist Anne Thayer. “I can vouch for having planted and watched the trees listed grow in our parks, city-scapes, schools, library, and right of ways.”

**Parrotia persica (common name: Persian ironwood or Irontree)**

Size and Rate of Growth: 20 to 30 feet in height, possibly higher depending on the cultivated selection, with 15 to 20 feet spread, and a slow to medium grown rate.

Ornamental Features: deep lustrous green summer foliage, multi-trunk form, yellow-orange, gold to orange to rosy pink, long lasting autumn color. Attractive mottled flaking bark, flowers (witchhazel family) appear before the leaves. Upright branching pattern keeps limbs clear of street and sidewalks, upright ascending vase-shaped form.

Locations in Ashland with this type tree: North end of small lawn in front of Parks Office in Lithia Park and lower duck pond, along Wightman Street in front of student housing apartments, and on the Siskiyou Boulevard median in front of Omar’s.

**Acer griseum (common name: paperbark maple)**

Size and Rate of Growth: 20 to 30 feet in height with a 10-20 foot spread, slow growth rate.

Ornamental Features: upright oval or rounded form, small trifoliate leaves turn red in autumn, extremely attractive, peeling, reddish-brown bark.

Locations in Ashland with this type tree: In the planter beds on East Main and Pioneer Street (behind the fountain in front of the Black Swan) and East Main and 1<sup>st</sup> Street downtown.

**Zelkova serrata (common name: Japanese zelkova)**

Size and Rate of Growth: 50 to 80 feet tall: moderate to fast growth

Ornamental Features: This elm tree is low branched, with a vase-shaped outline and rounded top. As the tree matures, the bark begins to exfoliate. Dark green leaves are oval and slightly rough on top. Fall color varies from red to yellow. Flowers and tiny woody fruits are inconspicuous.

Locations in Ashland with this type tree: In the playground at Helman School, the playground in Lithia Park, and the corner of A Street and Fourth Street.

**Quercus frainetto, (common name: Italian Oak, Forest Green Oak)**

Size and Rate of Growth: Height 50', Spread 30'. Medium growth rate. Drought tolerant once established.

Ornamental Features: Form is upright and oval, with a strong symmetrical shape, and glossy deep green foliage. Fall color is yellow. Bark is light gray in color and forms small square cracking plates

Locations in Ashland with this type tree: Dog Park along the bermed lawn behind the restroom, Siskiyou Boulevard in front of Ashland High School (planted on arbor day ), Oak Knoll Golf Course Clubhouse lawn, and at the top of Scenic Park in the picnic table area.