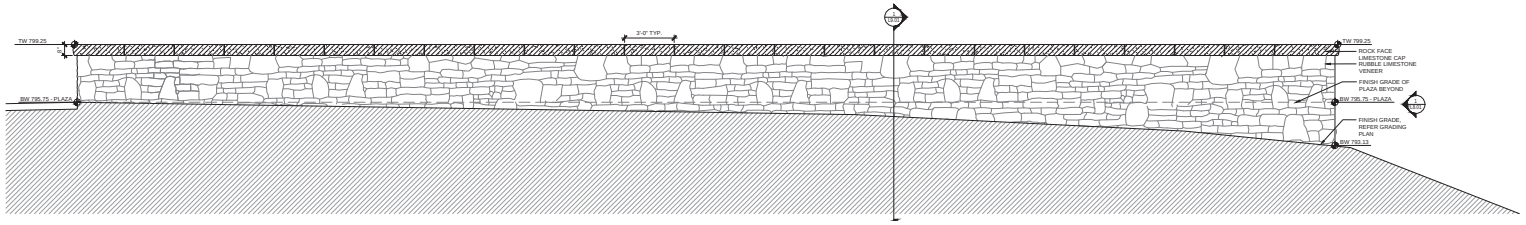
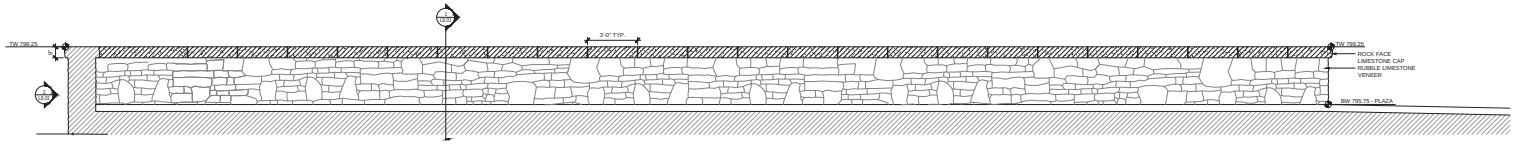
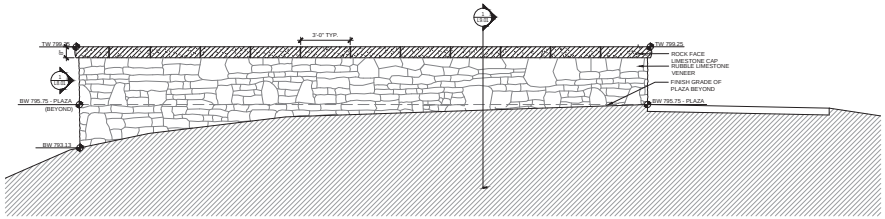


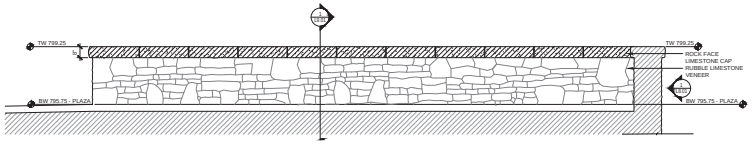
1 WALL G4 SOUTH ELEVATION
0 1'-4" 2'-8" 5'-4"
ELEVATION



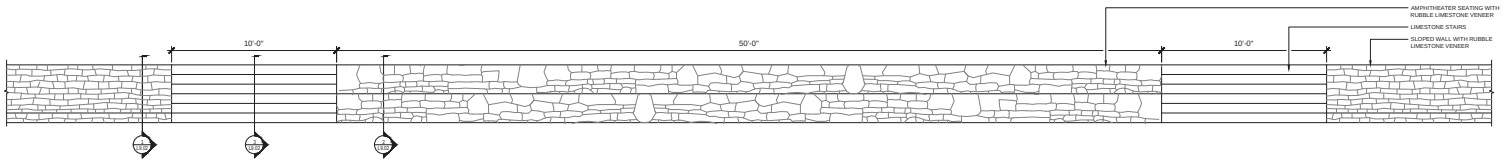
2 WALL G4 SOUTH ELEVATION
0 1'-4" 2'-8" 5'-4"
ELEVATION



3 WALL G4 SOUTH ELEVATION
0 1'-4" 2'-8" 5'-4"
ELEVATION



4 WALL G4 SOUTH ELEVATION
0 1'-4" 2'-8" 5'-4"
ELEVATION



5 WALL C1 ELEVATION
0 1'-4" 2'-8" 5'-4"
ELEVATION

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revision	date	issued
XX.XX.XXXX		SET

seal

issue date 12.19.2017
project number c12058.07

sheet name
WALL ELEVATIONS

sheet number
L8.01

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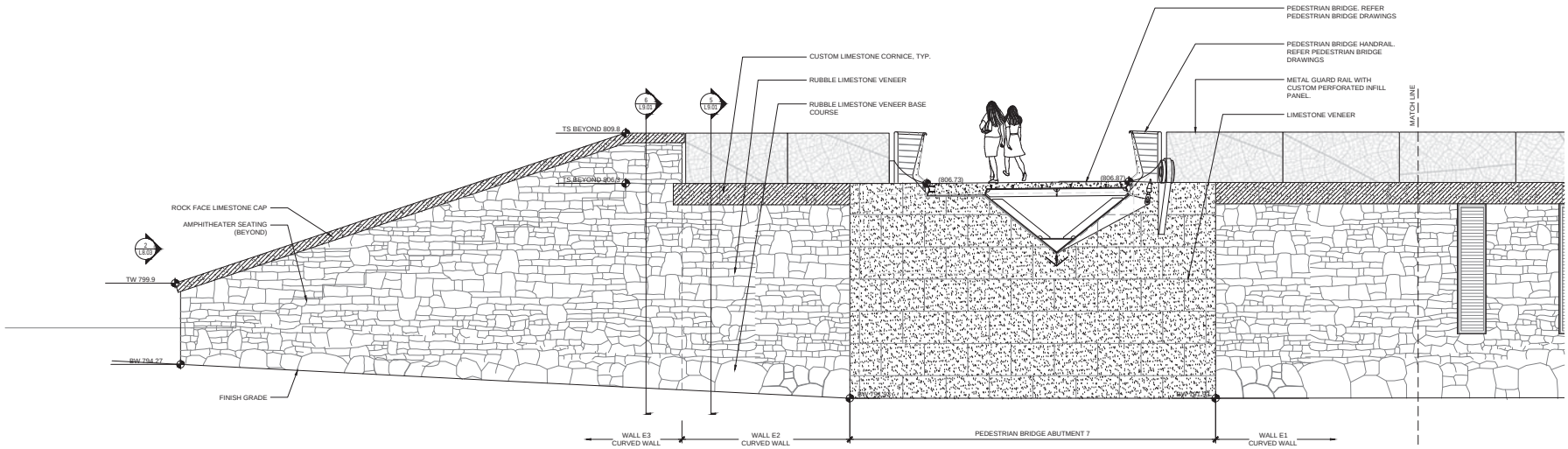

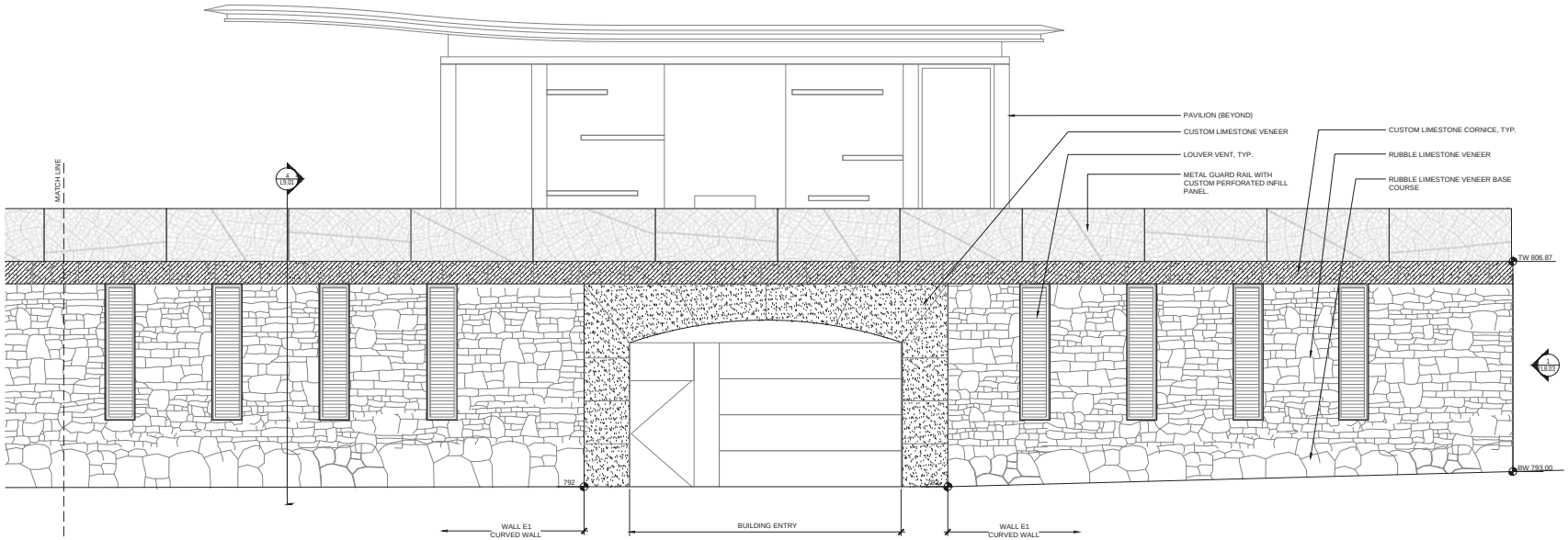

1 WALLS E1 / E2 / E3 - WEST ELEVATION
0 16' 32' 64'

ELEVATION

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seal

issue date 12.19.2017
project number c12058.07

sheet name
WALL ELEVATIONS

sheet number
L8.02

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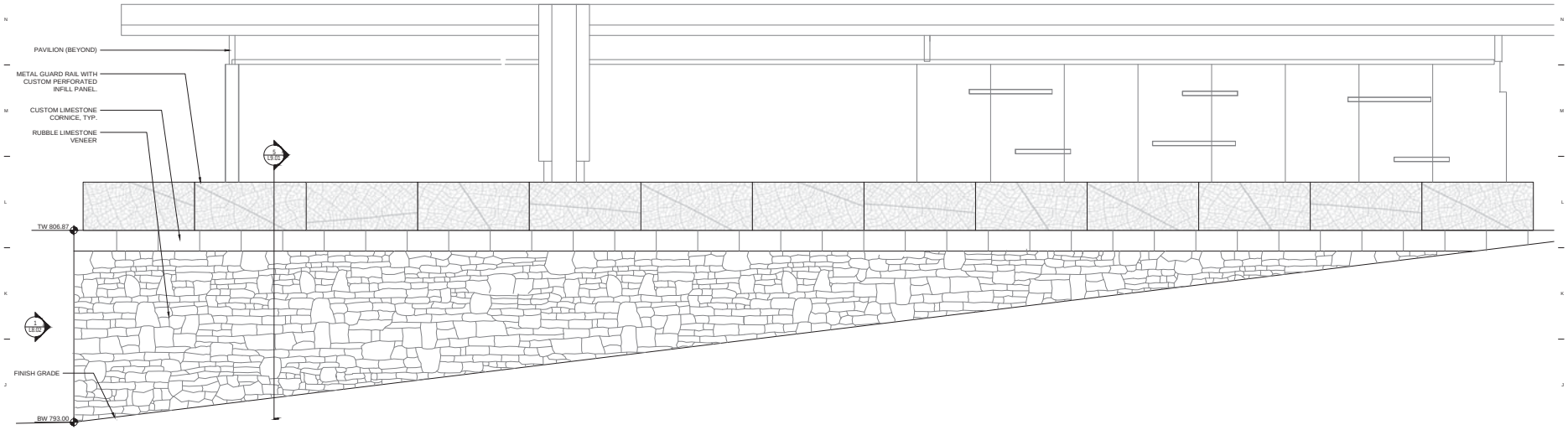
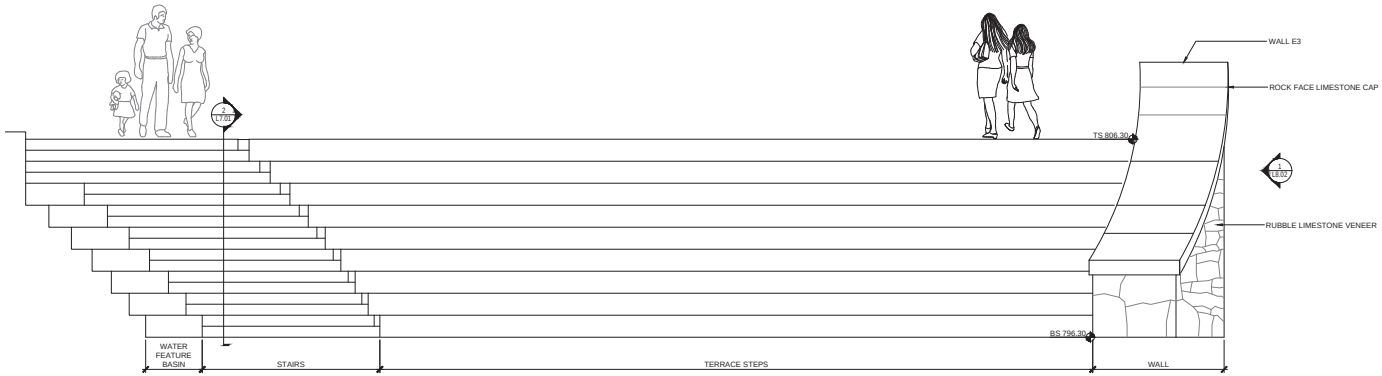


1 **WALLS E2 - SOUTH ELEVATION**
0 16' 32' 64'
ELEVATION



2 **NORTH LANDING STAIR**
0 1 2 4'
ELEVATION

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issue date 12.19.2017
project number c12058.07

sheet name
WALL ELEVATIONS

sheet number
L8.03

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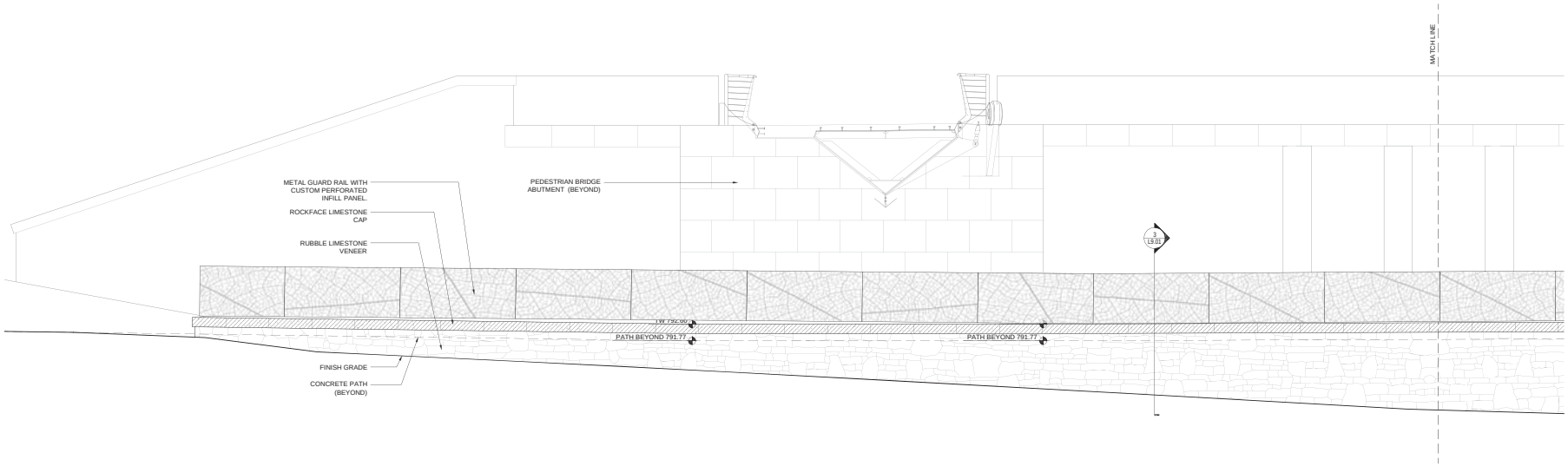

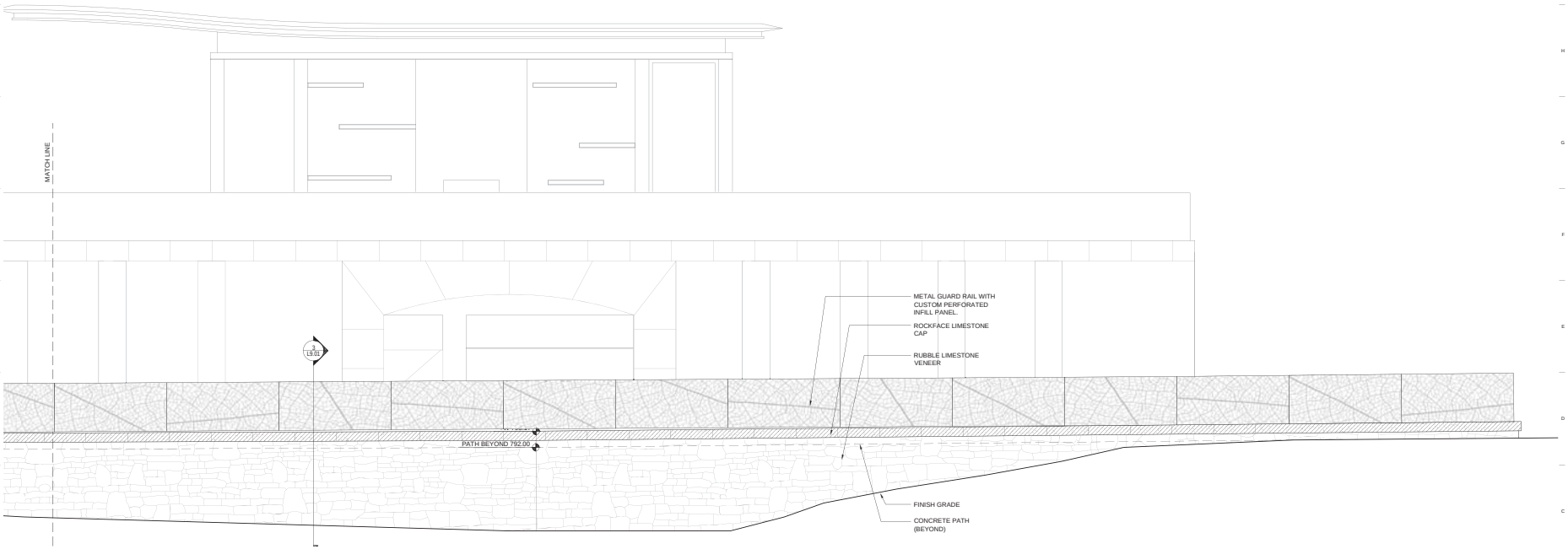

1 **WALLS G4 - WEST ELEVATION**
0 16 32 64

ELEVATION

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issue date
12.19.2017

project number
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sheet name
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sheet number
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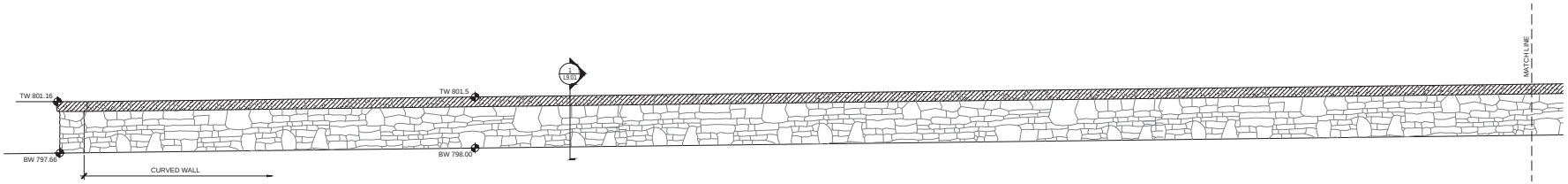
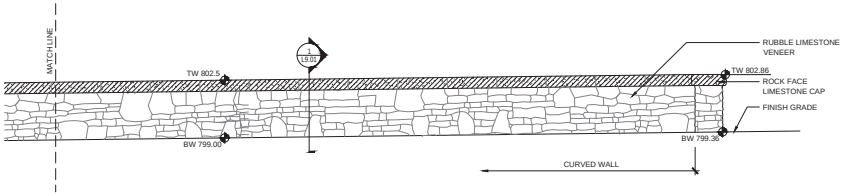
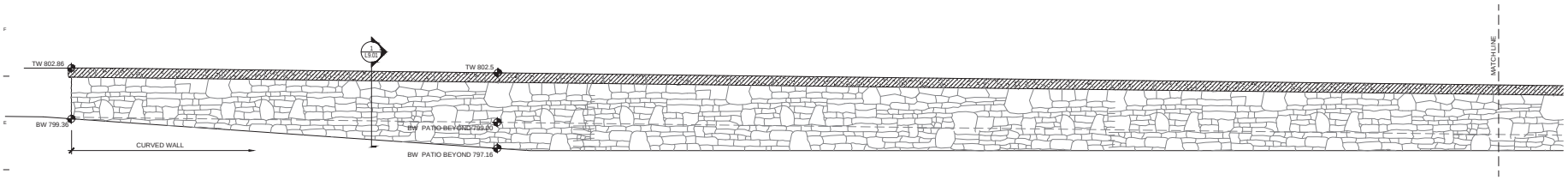
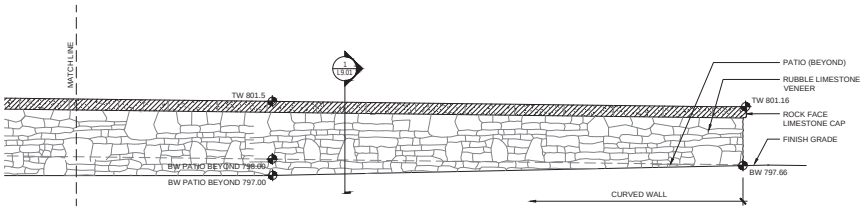




1 **WALL D4 - NORTH OVERLOOK - EAST ELEVATION**
0 1'-4" 2'-8" 5'-4"
ELEVATION





2 **WALL D4 - NORTH OVERLOOK - WEST ELEVATION**
0 1'-4" 2'-8" 5'-4"
ELEVATION

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project number c12058.07

sheet name
WALL ELEVATIONS

sheet number
L8.05

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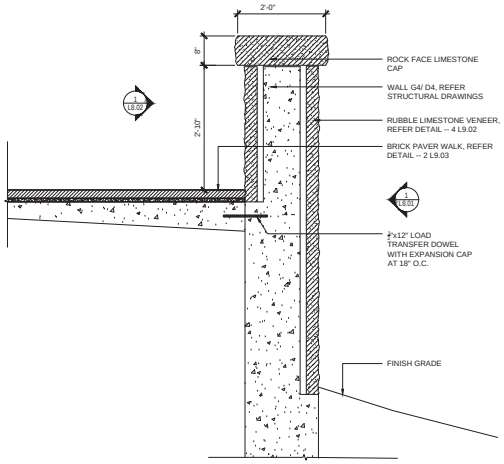

1 WALL G4 / D4 - TYPICAL
TYPICAL SECTION

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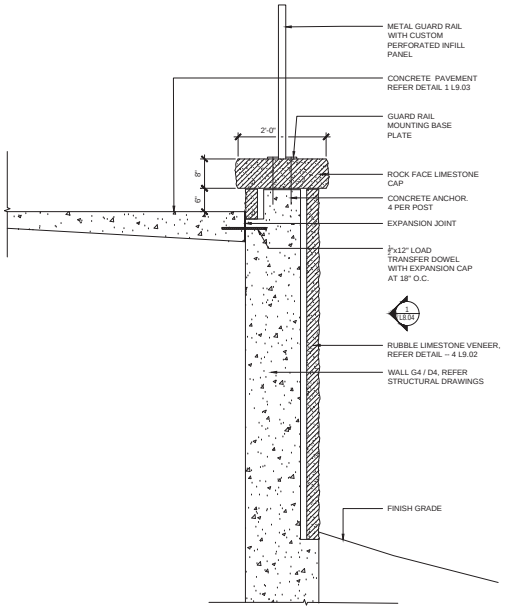

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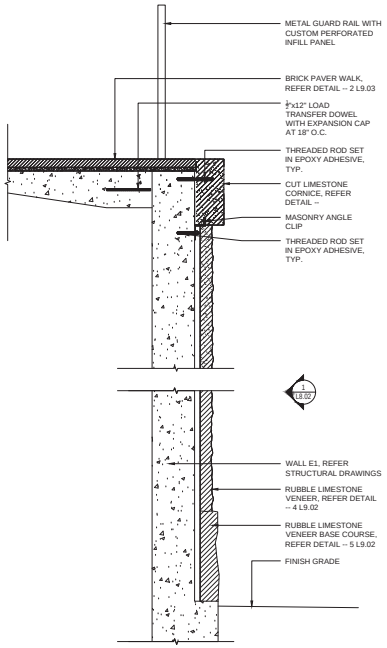
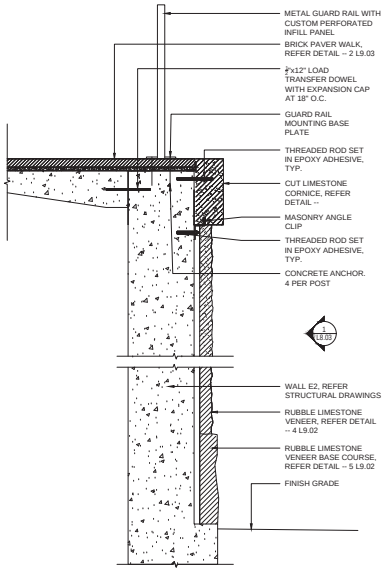


4 WALL E1 - TYPICAL
TYPICAL SECTION



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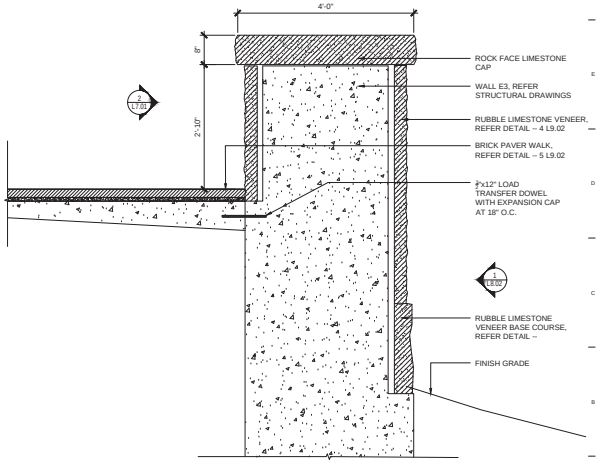

6 WALL E3 - TYPICAL
TYPICAL SECTION

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issue date 12.19.2017
project number c12058.07

sheet name
WALL DETAILS

sheet number
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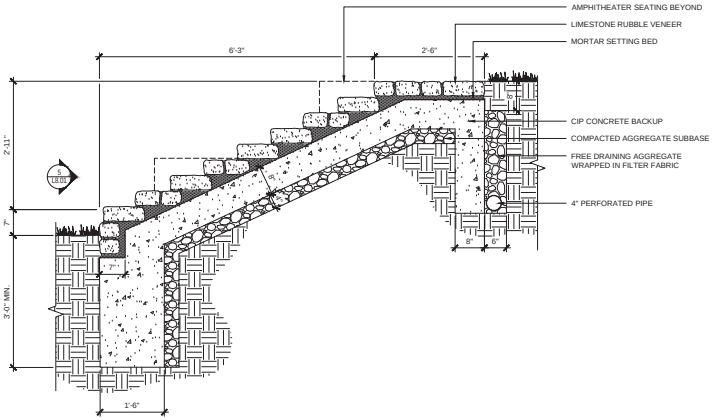
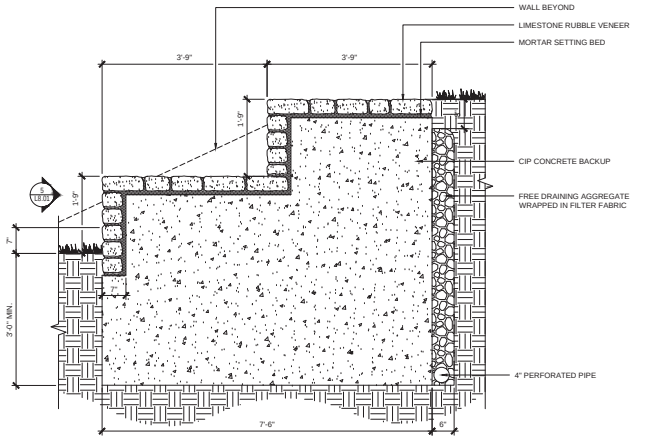


1 WALL C1 - SLOPED WALL
TYPICAL SECTION



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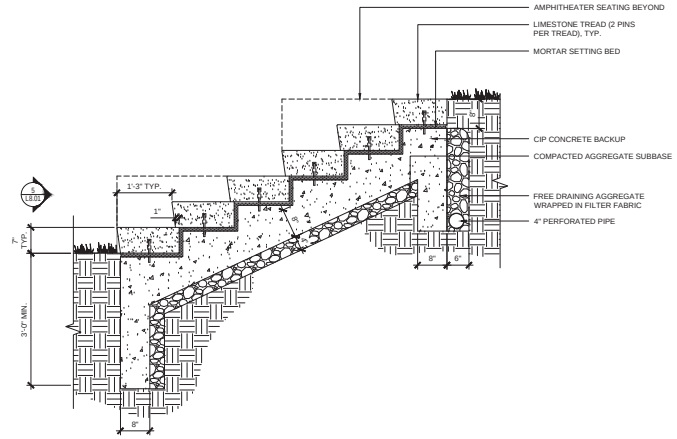

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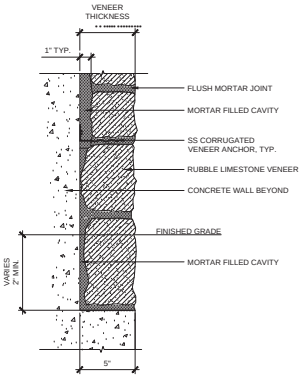
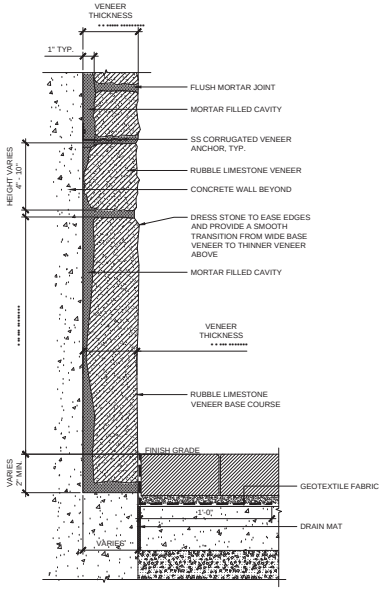
TYPICAL SECTION



4 RUBBLE LIMESTONE VENEER
TYPICAL SECTION



5 RUBBLE LIMESTONE VENEER - BASE COURSE
TYPICAL SECTION

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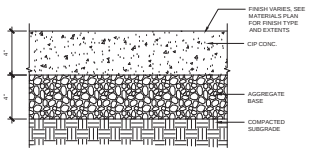
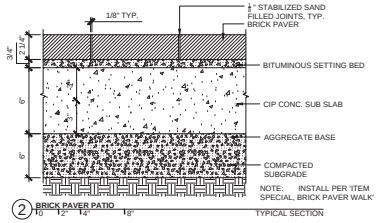
project number c12058.07

sheet name
WALL DETAILS

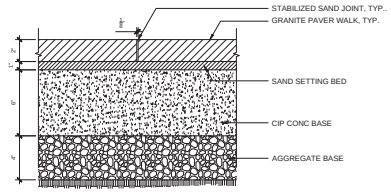
sheet number
L9.02



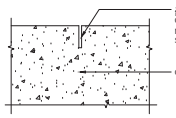
1 **CONCRETE WALK, TYPICAL**
0 6" 1' 2' 4' 8'
TYPICAL SECTION



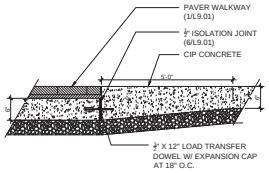
2 **BRICK PAVER PATIO**
0 6" 1' 2' 4' 8'
TYPICAL SECTION



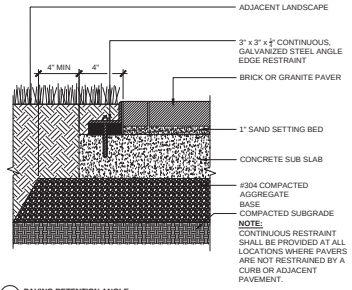
3 **GRANITE PAVERS, TYPICAL**
0 6" 1' 2' 4' 8'
TYPICAL SECTION



4 **CONCRETE CONTROL JOINT**
0 6" 1' 2' 4'
TYPICAL SECTION



5 **PAVER TRANSITION AT CONCRETE**
0 6" 1' 2'
TYPICAL SECTION



6 **PAVING RETENTION ANGLE**
0 6" 1' 2' 4' 8'
TYPICAL SECTION

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issue date 12.19.2017
project number c12058.07

sheet name
PAVEMENT DETAILS

sheet number
L9.03

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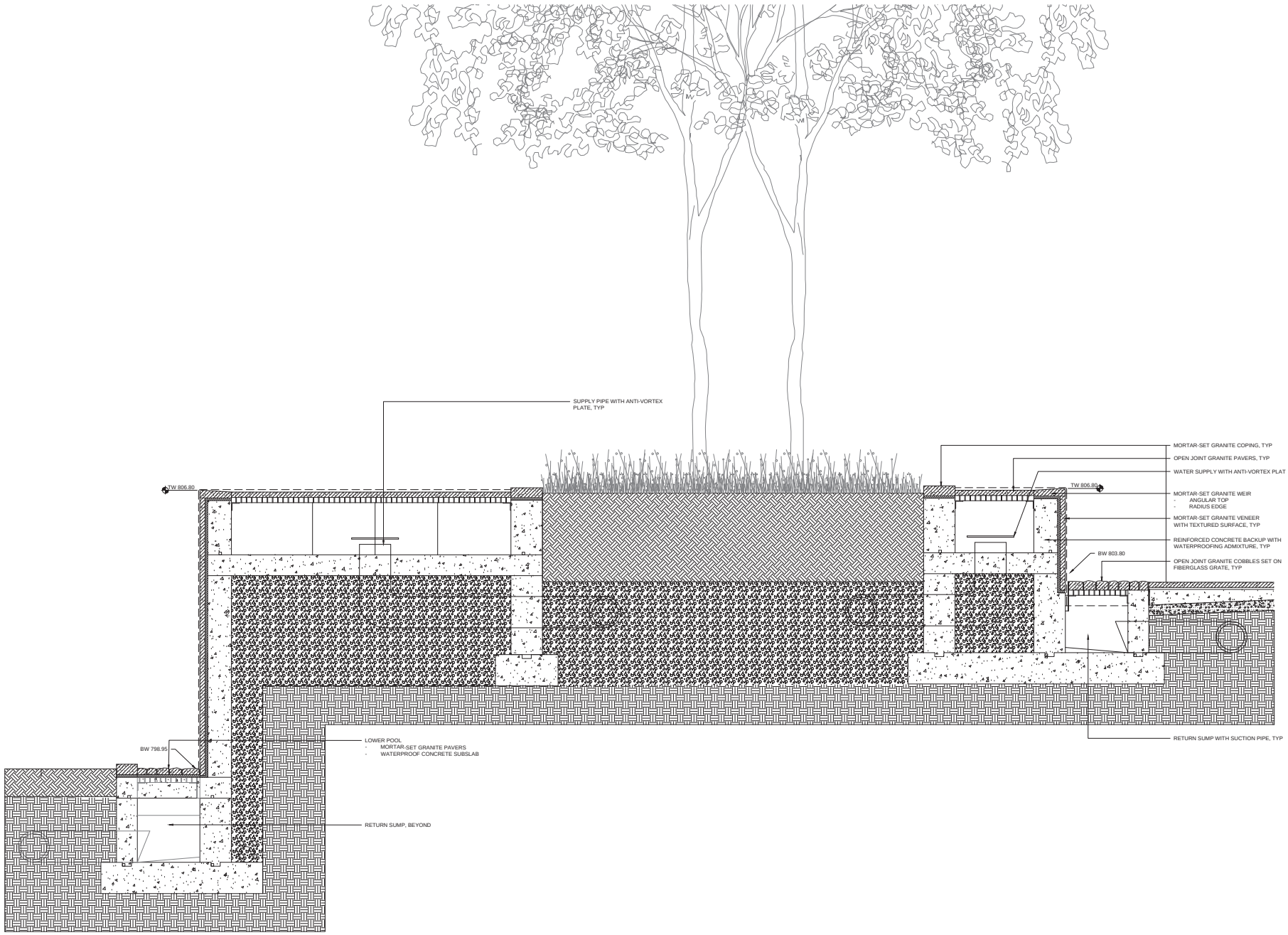

1 **WATER FEATURE SECTION**
1/0 1/6" 1/1' 1/2'

TYPICAL SECTION

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XX.XX.XXXX		SET

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issue date 12.19.2017
project number c12058.07

sheet name
WATER FEATURE DETAILS

sheet number
L9.04

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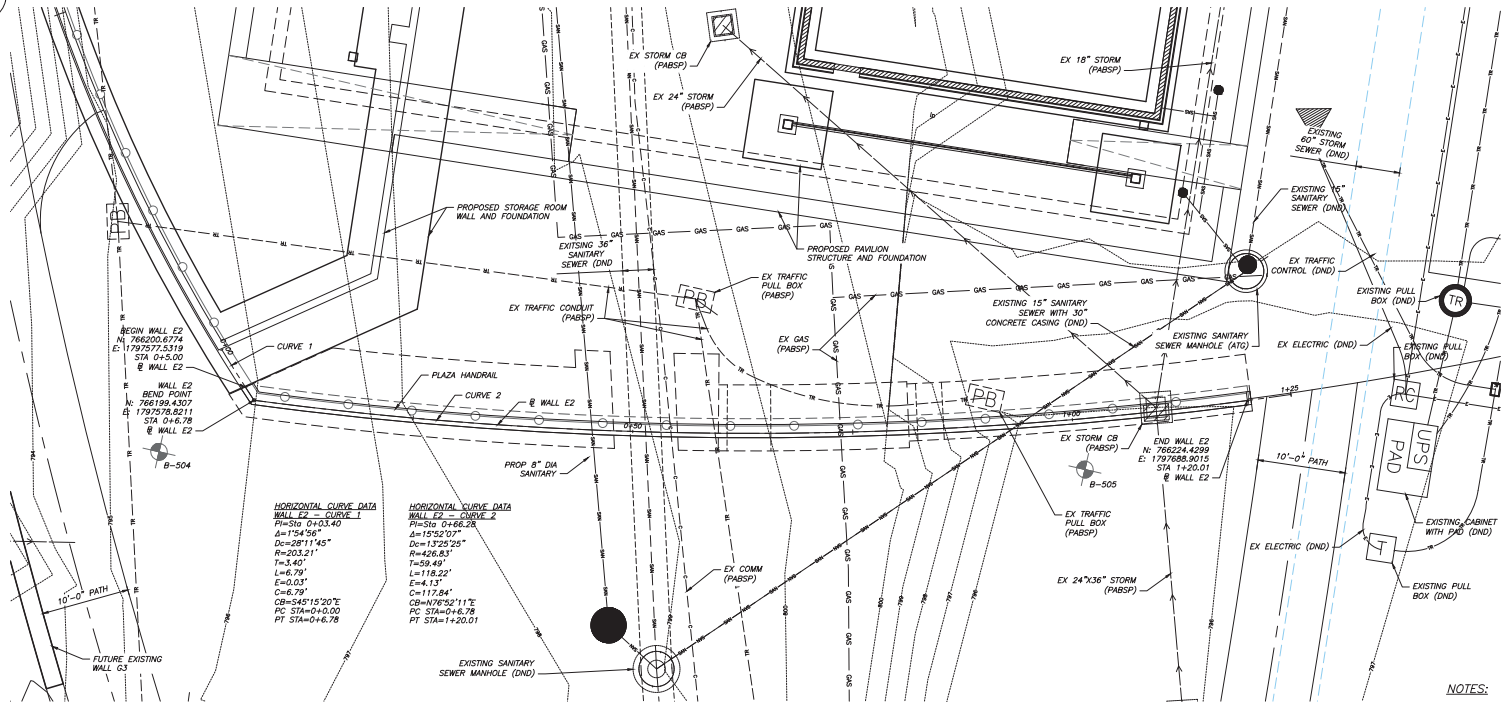

HORIZONTAL CURVE DATA
WALL E2 – CURVE 1
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Dc=28°11'45"
R=203.21'
T=3.40'
L=6.79'
E=0.03'
C=6.79'
CB=S45°15'20"E
PC STA=0+0.00
PT STA=0+6.78

HORIZONTAL CURVE DATA
WALL E2 – CURVE 2
PI=Sta 0+66.28
Δ=15°52'07"
Dc=13°25'25"
R=426.83'
T=59.49'
L=118.22'
E=4.13'
C=117.54'
CB=N76°52'11"E
PC STA=0+6.78
PT STA=1+20.01

PLAN

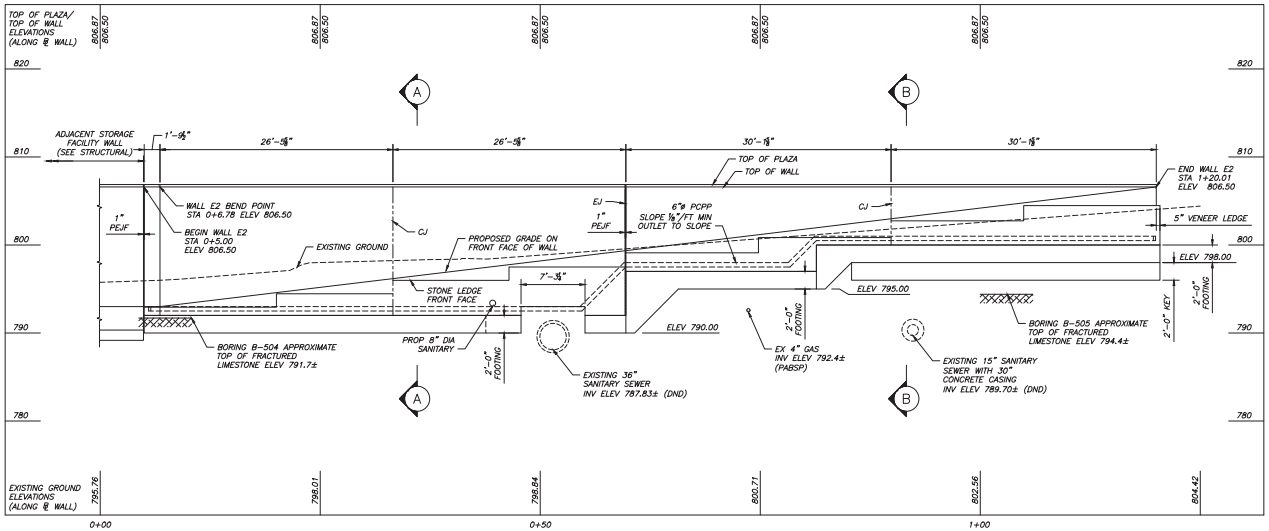
LEGEND:

– SOIL BORING LOCATION

PABSP – PREVIOUSLY ABANDONED BY SEPARATE PROJECT

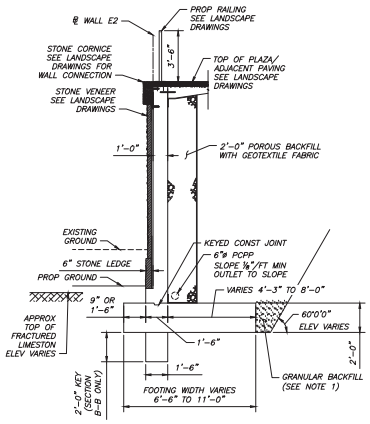
NOTES:

1. BACKFILL SHALL HAVE AN INTERNAL FRICTION ANGLE OF 34° OR HIGHER. BACKFILL SHALL BE PLACED IN A WEDGE FROM THE BOTTOM OF THE FOOTING AS SHOWN IN SECTION.
2. SEE LANDSCAPE SHEETS FOR PROPOSED GRADING LAYOUT.
3. AFTER CONFIRMING EXISTING UTILITIES PREVIOUSLY ABANDONED ARE NOT ACTIVE, REMOVE IN THE VICINITY OF THE WALL AS NEEDED FOR CONSTRUCTION.



PROFILE ALONG ℄ WALL E2

(VENEER, RAILING, AND CAP NOT SHOWN FOR CLARITY)



SECTION A–A AND B–B

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DESIGN DEVELOPMENT SUBMITTAL

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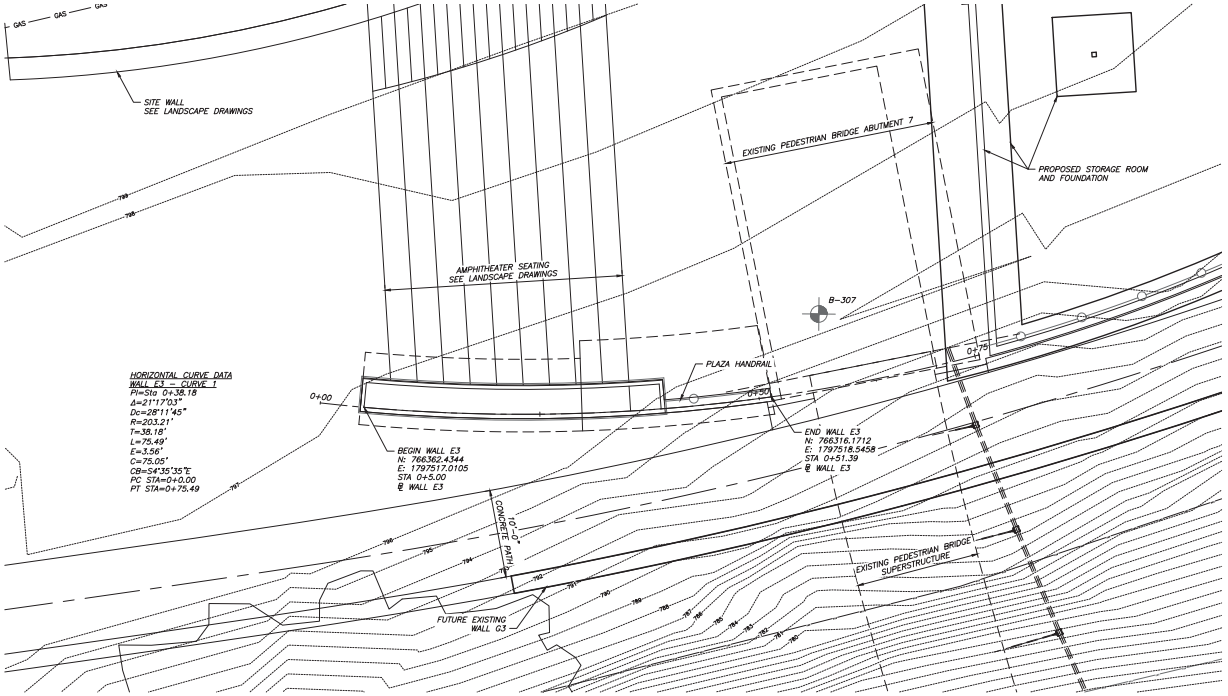

PLAN

LEGEND:

– SOIL BORING LOCATION

NOTES:

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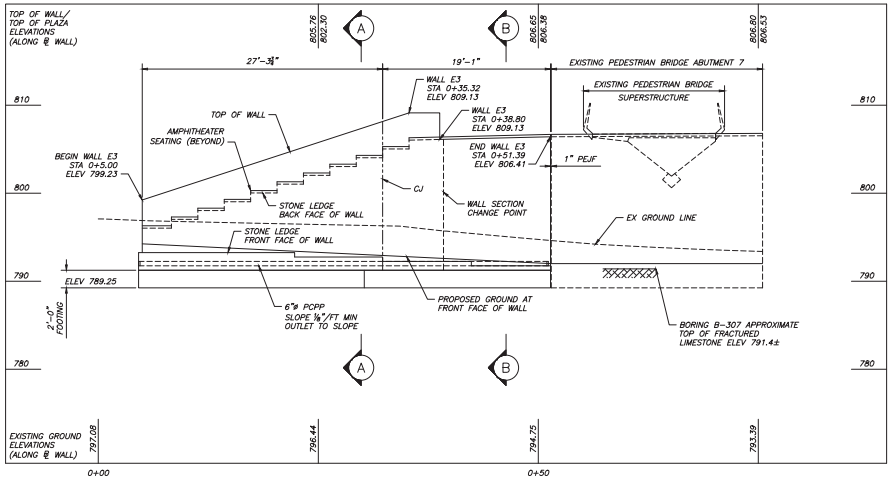
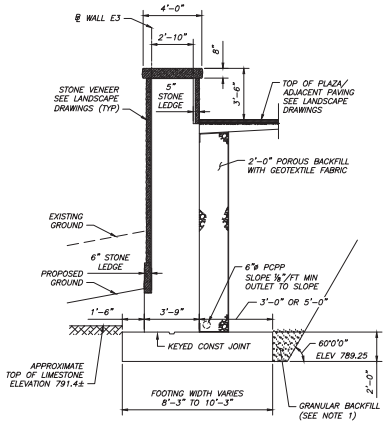
2. SEE LANDSCAPE SHEETS FOR PROPOSED GRADING LAYOUT.

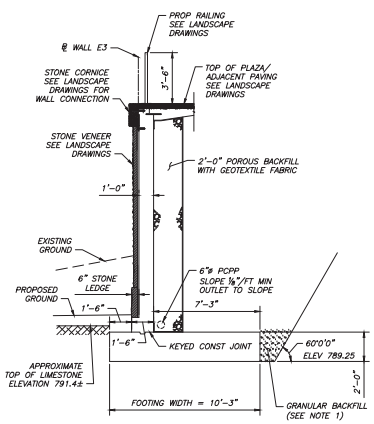


PROFILE ALONG @ WALL E3

(VENEER, RAILING, AND CAP NOT SHOWN FOR CLARITY)



SECTION A–A



SECTION B–B

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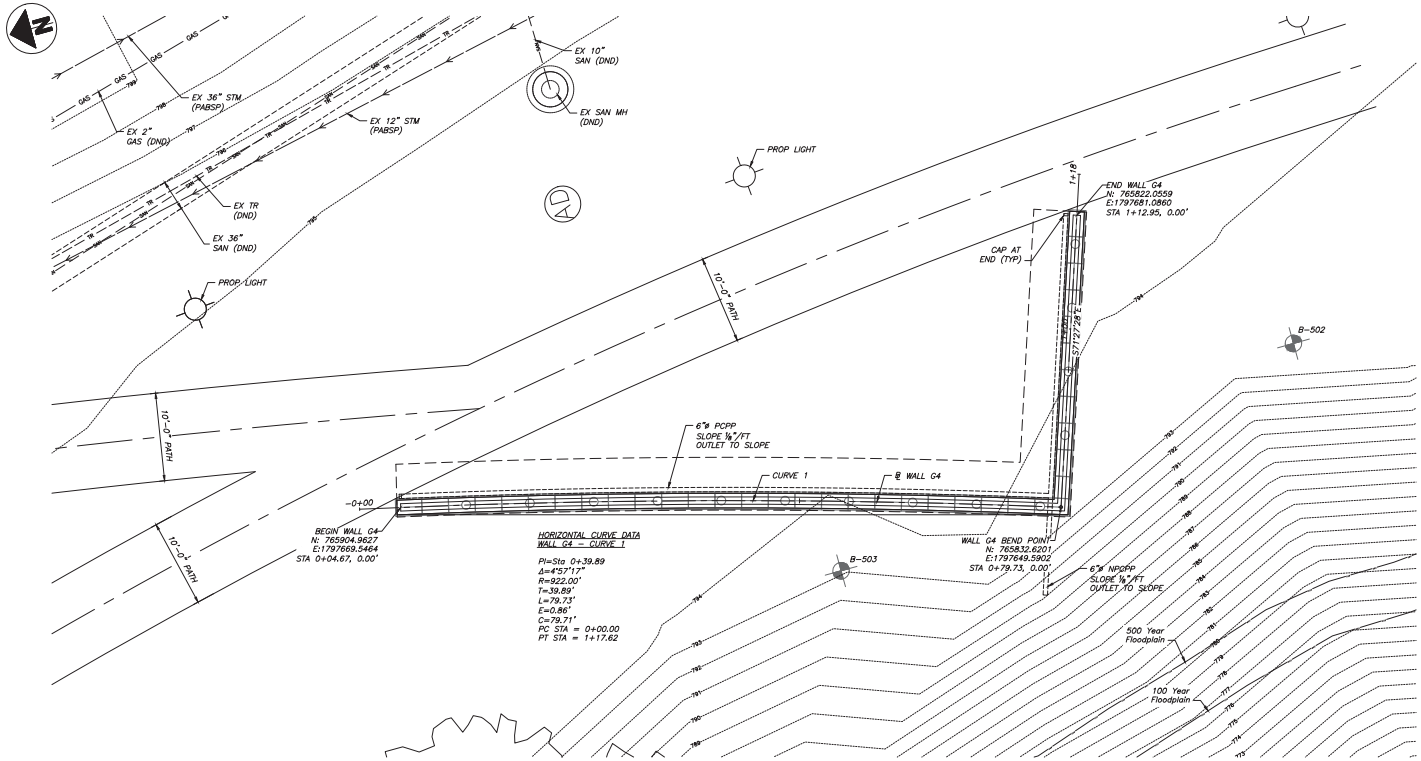
issue date 12.19.2017

project number c12058.07

sheet name
Wall E3 Site Plan

sheet number
SS2.01



HORIZONTAL CURVE DATA
WALL G4 – CURVE 1

PI=Sta 0+39.89
Δ=4°57'17"
R=922.00'
T=39.89'
L=79.73'
E=0.86'
C=79.71'
PC STA = 0+00.00
PT STA = 1+17.62

PLAN

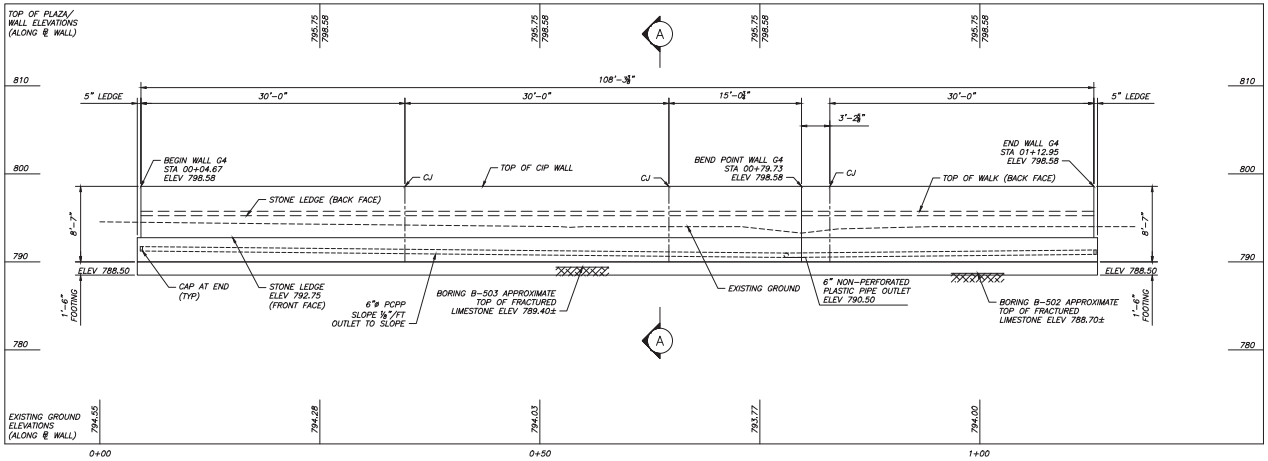
LEGEND:

– SOIL BORING LOCATION

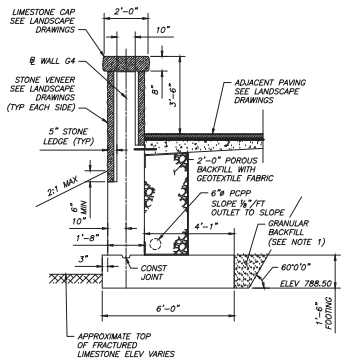
PABSP – PREVIOUSLY ABANDONED BY SEPARATE PROJECT

NOTES:

1. BACKFILL SHALL HAVE AN INTERNAL FRICTION ANGLE OF 34° OR HIGHER. BACKFILL SHALL BE PLACED IN A WEDGE FROM THE BOTTOM OF THE FOOTING AS SHOWN IN SECTION.
2. SEE LANDSCAPE SHEETS FOR PROPOSED GRADING LAYOUT.



PROFILE ALONG ℄ WALL G4
(VENEER AND CAP NOT SHOWN FOR CLARITY)



SECTION A–A

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DESIGN DEVELOPMENT SUBMITTAL
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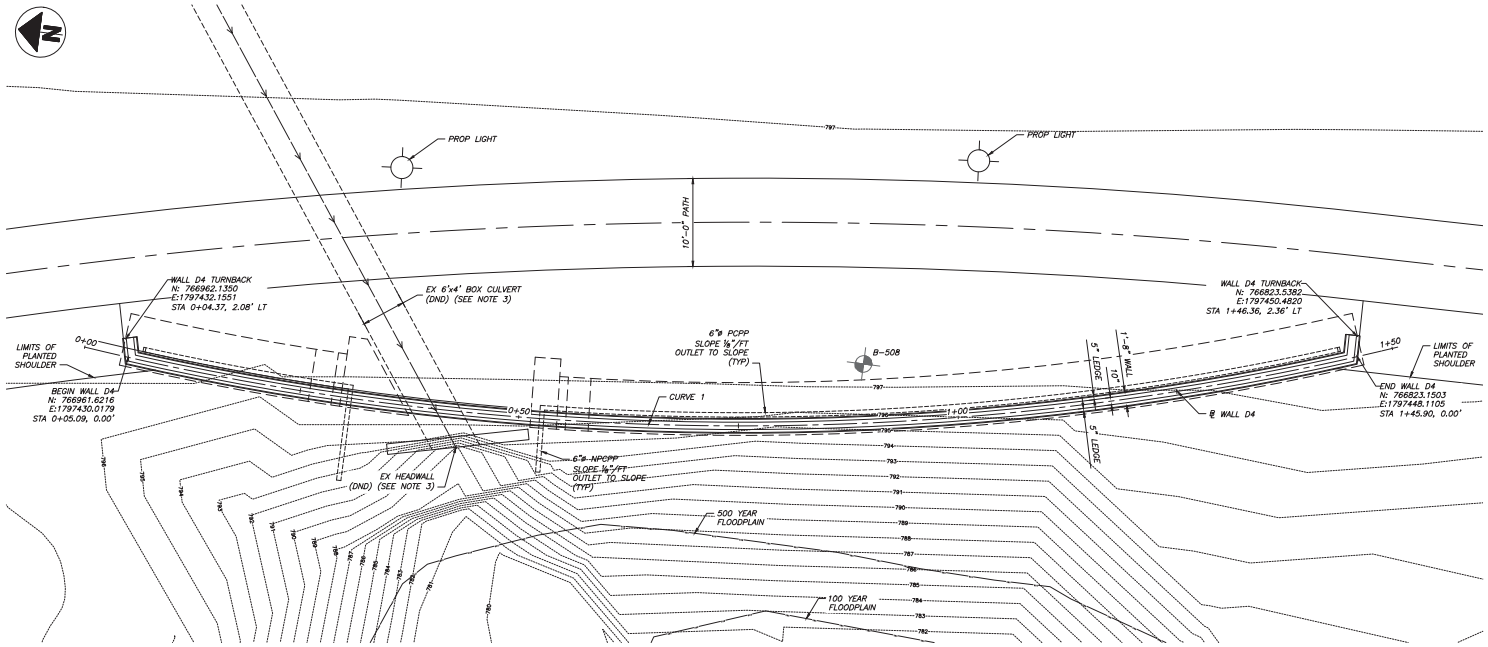


PLAN

HORIZONTAL CURVE DATA
WALL D4 – CURVE 1

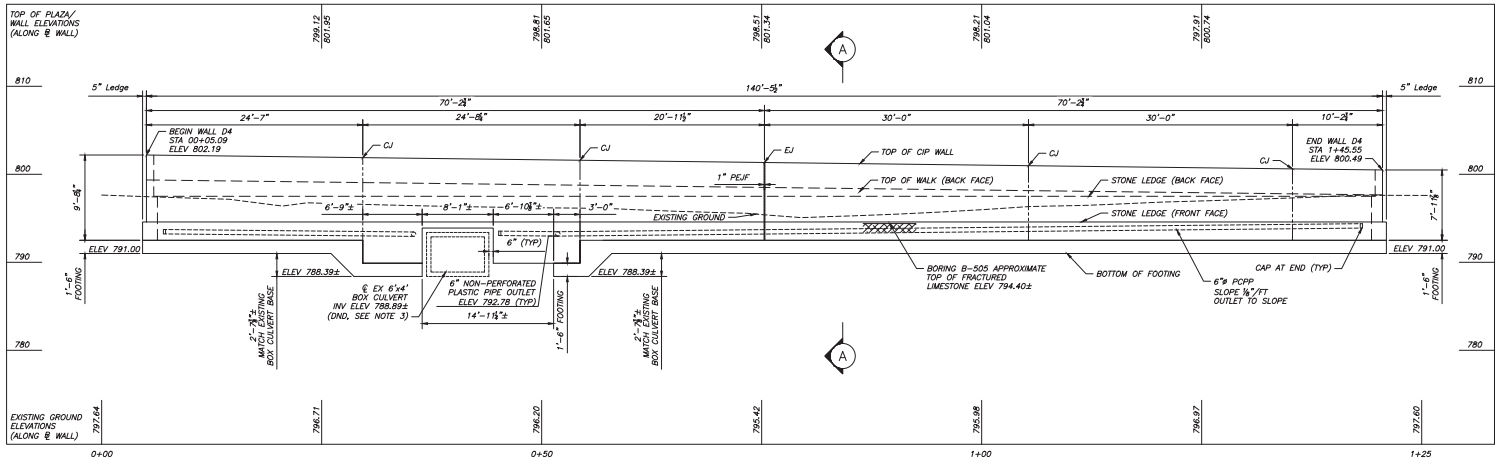
PI STA = 0+76.79
Δ=27°22'36"
R=315.27'
T=76.79'
L=150.64'
E=9.22'
C=149.21'
PC STA = 0+00.00
PT STA = 1+50.64

LEGEND:

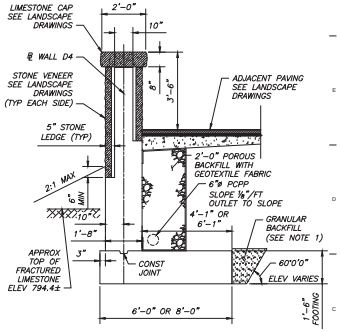
– SOIL BORING LOCATION

NOTES:

1. BACKFILL SHALL HAVE AN INTERNAL FRICTION ANGLE OF 34° OR HIGHER. BACKFILL SHALL BE PLACED IN A WEDGE FROM THE BOTTOM OF THE FOOTING AS SHOWN IN SECTION.
2. SEE LANDSCAPE SHEETS FOR PROPOSED GRADING LAYOUT.
3. FUTURE DISPOSITION OF EXISTING 6'x4' BOX CULVERT AND HEADWALL TO BE DETERMINED PRIOR TO NEXT SUBMISSION.



PROFILE ALONG ℄ WALL D4
(VENEER AND CAP NOT SHOWN FOR CLARITY)



SECTION A–A

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seal

issue date 12.19.2017
project number c12058.07

sheet name
Wall D4 Site Plan

sheet number
SS4.01

ROOM UTILITY REQUIREMENTS

- E — PUMPS ELECTRICAL POWER - 80 AMP FEED @ 480VAC, 2PH, 3WIRE, PLUS GROUND. MISC. EQUIPMENT POWER - 60 AMP FEED @ 208Y/120VAC, 3PH, 4WIRE, PLUS GROUND. NOTE: SHORT CIRCUIT (FAULT CURRENT) PROTECTION AT MCC SHALL NOT EXCEED 10K AMPS.
- W1 — POTABLE WATER SUPPLY - 1" PIPE (MAX 65PSI) SUPPLY FROM DEDICATED ANTI-BACKFLOW DEVICE
- W2 — POTABLE WATER SUPPLY FOR EYEWASH STATION 3/4" TEMPERED
- S1 — SEWER CONNECTION EQUIPMENT ROOM (FILTER BACKWASH 140GPM) 4" STANDPIPE AT ROOM F.F.E.
- S2 — SEWER CONNECTION AT WATER FEATURES (BASIN OVERFLOW/DRAIN) - 4" PIPE
- D — ROOM DRAIN - 3" PIPE
- V1 — ROOM VENTILATION 1200 CFM OR CONDITIONED SPACE
- V2 — CHEMICAL CLOSET VENTILATION 100 CFM

UTILITY GENERAL NOTES:

1) THIS PLAN REPRESENTS THE UTILITY REQUIREMENTS FOR THE WATER FEATURE AS DESIGNATED.
2) DESIGNATED W.F. UTILITIES REQUIRE COORDINATION WITH THE PROJECT ARCHITECTURAL, MEP, CIVIL AND ELECTRICAL PLANS AND SPECIFICATIONS.
3) ALL ELECTRICAL SERVICE AND FEEDERS TO BE SUPPLIED AND INSTALLED PER CURRENT NEC CODE.
4) FOR WATER FEATURE LAYOUT AND SITE LOCATION, REFER TO PROJECT ARCHITECTS PLANS.
5) HEATING SYSTEMS FOR FOUNTAINS NOT INCLUDED IN ELECTRICAL LOAD REQUIREMENTS.
6) ROOM LIGHTING, VENTILATION AND CONV. RECEPTACLES NOT INCLUDED IN FEEDS FOR WATER FEATURE EQUIPMENT.

PUMPS

- P1 — WALL WEIR PUMPS - 1,500 TO 2000 GPM
- P2 — FILTER PUMP - 140 GPM
- P3 — MIST PUMP - 3 GPM @ 800 PSI
- ST1 — PUMP STRAINERS - T.B.D.

WATER QUALITY EQUIPMENT

- F1 — MECH. SAND FILTER - 36" MECHANICAL SAND FILTER WITH AUTO BACKWASH CAPABILITY
- W1 — UV SANITIZER - T.B.D.
- W2 — CHEMICAL CLOSET - T.B.D. WITH SEPARATE VENTILATION SYSTEM

ELECTRICAL CONTROLS

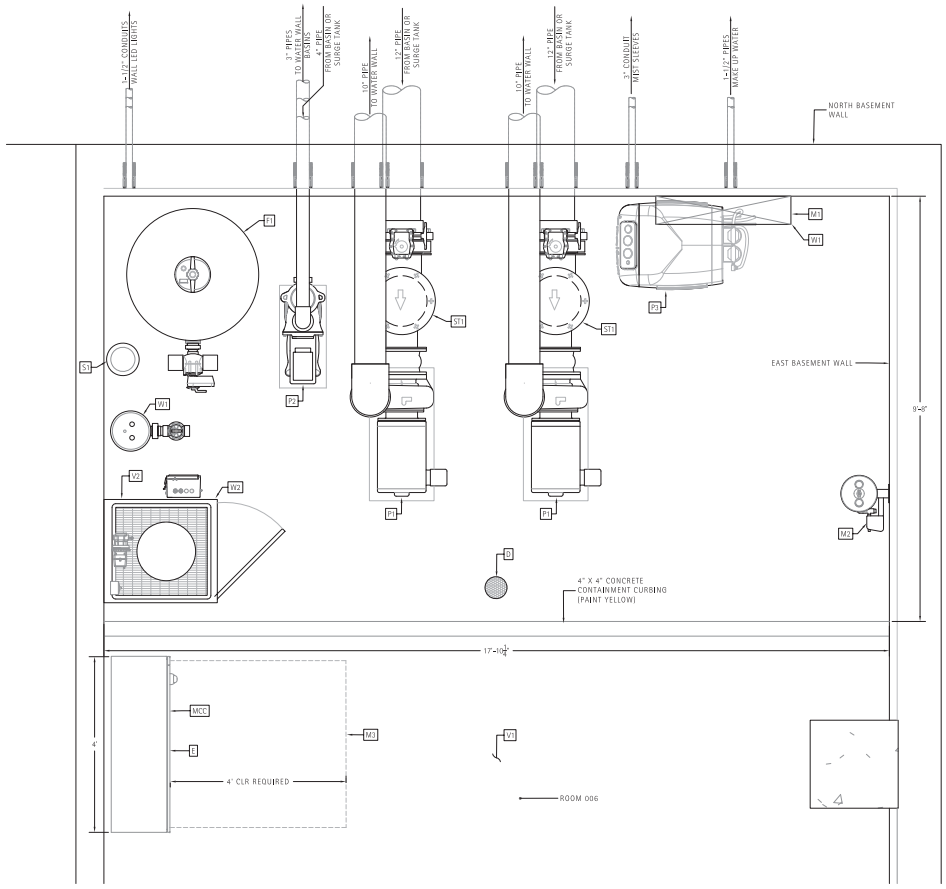
- MCC — MOTOR CONTROL CENTER - T.B.D.
- LED

MISC. EQUIPMENT

- M1 — EYEWASH STATION - WALL MOUNT BRADLEY S19-220 (OR EQUAL)
- D — AREA FLOOR DRAIN 3" DRAIN. (SEE MEP PLANS)
- M2 — RUBBER FLOOR MAT INSULATING ELECTRICAL FLOOR MAT CUT TO FIT.

EQUIPMENT ROOM NOTES

1) ALL FLOOR STANDING MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE INSTALLED ON AND SECURED TO A MIN 4" THICK CONCRETE MAINTENANCE PAD. PUMPS WILL INCLUDE VIBRATION ISOLATION.
2) SEE DETAIL IN PLANS SUPPORT AND SECURE ALL PIPING PER LOCAL BUILDING CODE REQUIREMENTS. ELIMINATE VISIBLE MOVEMENT OR VIBRATION DURING SYSTEM OPERATION. INCLUDE SEISMIC RESTRAINTS (AND ENG. DESIGN PLAN IF REQUIRED) PER CODE REQUIREMENTS.
3) VERIFY VOLTAGE AND PHASE PRIOR TO CONSTRUCTION, INSTALLATION AND PURCHASE OF EQUIPMENT.
4) DIELECTRIC SEPARATORS SHALL BE MADE TO MITIGATE CORROSION BETWEEN DISSIMILAR METALS.
5) ALL PIPING ABOVE GRADE SHALL BE METALLIC, TYPE 316L, SCH 10 SS OR COPPER TYPE K UNLESS OTHERWISE NOTED IN PLANS. SCH 80 CPVC IS ACCEPTABLE IF APPROVED BY LOCAL BUILDING CODE.
6) ALL METALLIC PARTS OR COMPONENTS SHALL BE BONDED PER NEC USING A CONT. BARE #8 SOLID COPPER BONDING WIRE.
7) EQUIPMENT AREA SHALL BE EQUIPPED WITH LIGHTING AND CONVENIENCE RECEPTACLES. REFER TO PROJECT ELECTRICAL ENGINEER'S DRAWINGS.
8) SLOPE ROOM FLOORS 1% MINIMUM TOWARDS FLOOR DRAINS.
9) EQUIPMENT ROOM FLOOR SHALL HAVE ANTI-SKID, SEALED COATED SURFACE. (CONTRACTOR TO SUBMIT SURFACE COATING FOR APPROVAL)

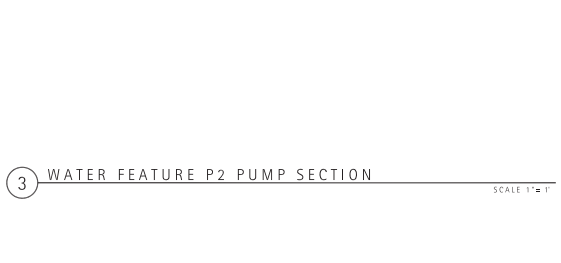


1 WATER FEATURE EQUIPMENT ROOM PLAN (RM. 006)

SCALE 1" = 1'

2 WATER FEATURE P1 PUMP SECTION

SCALE 1" = 1'



3 WATER FEATURE P2 PUMP SECTION

SCALE 1" = 1'

4 MIST P3 PUMP SECTION

SCALE 1" = 1'

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DESIGN DEVELOPMENT SUBMITTAL

Not For Construction

no.	date	issued
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seal

issue date 12.18.2017

project number c12058-07

sheet name
EQUIPMENT ROOM PLAN

sheet number
W3.00