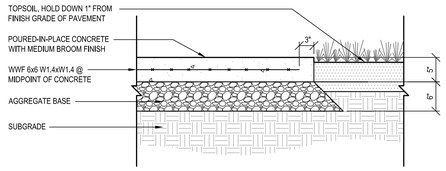
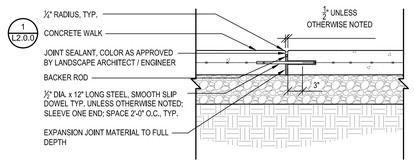


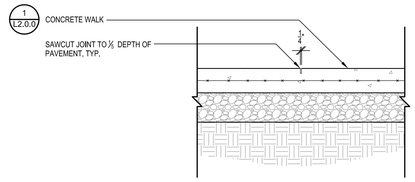
1 CONCRETE WALK (LIGHT DUTY)

SCALE: 1" = 1'-0"



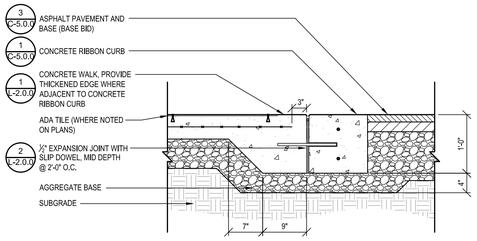
2 EXPANSION JOINT

SCALE: 1" = 1'-0"



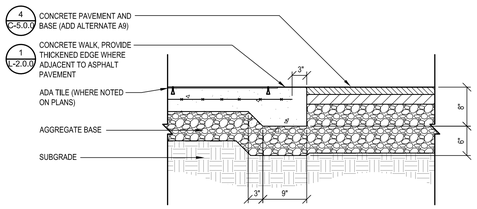
3 CONTROL JOINT

SCALE: 1" = 1'-0"



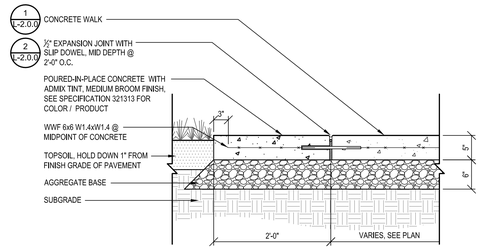
4 CONCRETE WALK @ RIBBON CURB

SCALE: 1" = 1'-0"



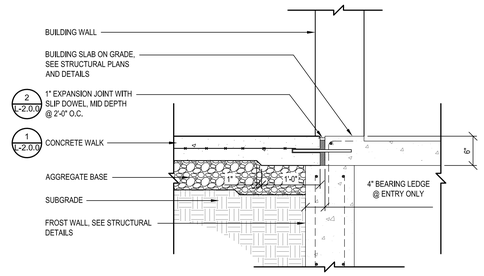
5 CONCRETE WALK @ HEAVY DUTY ASPHALT PAVEMENT

SCALE: 1" = 1'-0"



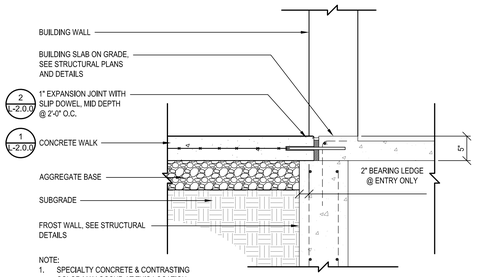
6 CONCRETE WITH CONTRASTING COLOR BAND

SCALE: 1" = 1'-0"



7 CONCRETE WALK @ FACE OF BUILDING (NORTH)

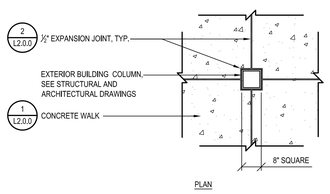
SCALE: 1" = 1'-0"



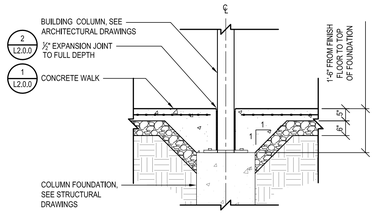
NOTE:
1. SPECIALTY CONCRETE & CONTRASTING COLOR MAY OCCUR AT THIS LOCATION, SEE PLANS FOR LOCATION. SEE DETAILS 6 & 10, SHEET L2.0.0 FOR DETAIL.

8 CONCRETE WALK @ FACE OF BUILDING (SOUTH)

SCALE: 1" = 1'-0"



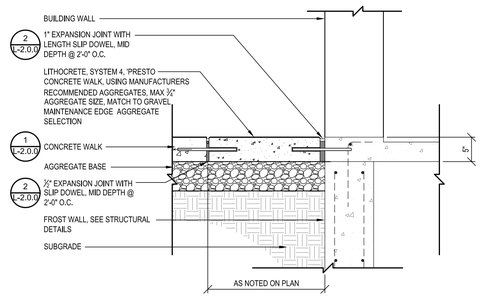
PLAN



SECTION

9 CONCRETE WALK @ BUILDING COLUMN

SCALE: ½" = 1'-0"

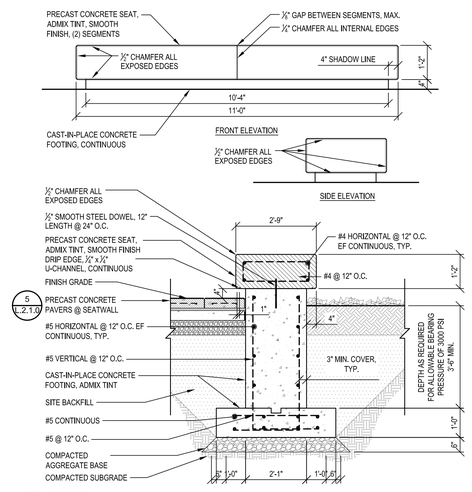


NOTES:

- REFER TO 321313 - PORTLAND CEMENT CONCRETE PAVING
- UTILIZE LICENSED LITHOCRETE CONTRACTOR
- SUBMIT MIX DESIGN
- PROVIDE MOCK-UP SAMPLE, 12" X 12"
- VERIFY MIX DESIGN IS SAME FOR EACH DELIVERY TO SITE
- MAINTAIN SAME MATERIAL SOURCE FOR DURATION OF POUR
- ADHERE TO QUALITY CONCRETE MIX DESIGN PRINCIPLES BY LITHOCRETE:
  - SAME-SOURCE BATCH PLANT MATERIALS
  - 6-7 SACK CEMENT CONTENT
  - 4" SLUMP (±1")
  - 2500 MIN. PSI STRENGTH
  - WATER / CEMENT RATIO (W/C) BETWEEN .62 AND .67
- WHEN INSTALLING SYSTEM 4, UTILIZE LITHOCRETE'S PATENTED CONCRETE ADDITIVES (AS REQUIRED);
  - LITHOCRETE CONDITIONER, LITHOCRETE ETCH RETARDER, AND LITHO-SEAL
- PLACEMENT, FINISHING AND CURING OF CONCRETE UNDER STRICT ADHERENCE TO ACI STANDARDS, 2001 EDITION. CONTRACTION AND CONSTRUCTION JOINTS ARE PRECISELY LAID OUT AND COORDINATED WITH ADJACENT SLAB SCORING, SAWCUT STRAIGHT AND TRUE TO LINE AND GRADE.
- AFTER INSTALLATION AND CLEANUP IS COMPLETE, APPLY A MINIMUM OF (3) COATS OF CLEAR, PENETRATING LITHO-SEAL PAVING SEALER TO SURFACE TO REDUCE SURFACE STAINING AND ALKALI-SILICA (ASR) REACTION

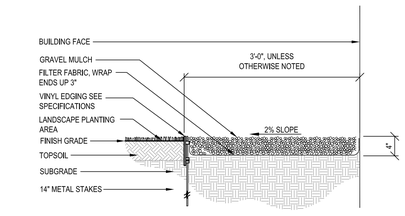
10 SPECIALTY CONCRETE

SCALE: 1" = 1'-0"



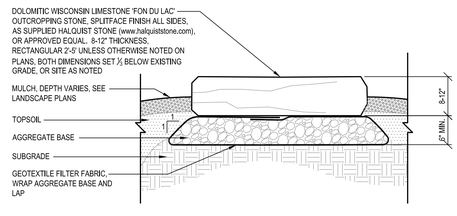
11 SEATWALL

SCALE: ½" = 1'-0"



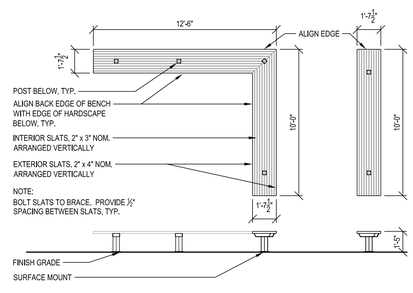
12 GRAVEL MAINTENANCE EDGE

SCALE: 1" = 1'-0"



13 OUTCROPPING STONE

SCALE: 1" = 1'-0"



DESIGN CRITERIA

BENCH BASIS OF DESIGN PRODUCT: GEOMETRIC SERIES BY VICTOR STANLEY, CUSTOM BENCH CONFIGURATION..

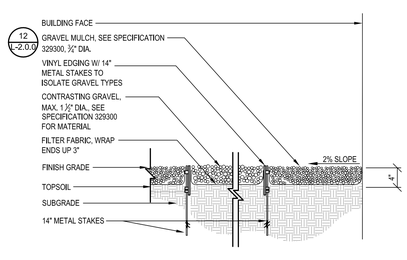
1. POSTS & FRAME: STEEL WITH POWDERCOAT FINISH, COLOR: SILVER.
2. SLATS: IPE.
3. FASTENERS: STAINLESS STEEL
4. INSTALLATION: SURFACE MOUNT

GENERAL NOTES

1. SEE DESIGN CRITERIA NOTES FOR BASIS OF DESIGN & FINISHES.
2. ACTUAL DESIGN OF PRODUCT AND INSTALLATION DETAILS ARE REQUIRED BY MANUFACTURER.
3. FIELD VERIFY SITE CONDITIONS PRIOR TO DESIGN.
4. CONTRACTOR RESPONSIBLE FOR PROVIDING MANUFACTURER'S SHOP DRAWINGS FOR REVIEW, PRIOR TO MANUFACTURE AND INSTALLATION.
5. SHOP DRAWINGS SHALL INCLUDE ALL BASE PLATES, ATTACHMENTS, MEMBERS, FINISHES, AND SIZING.

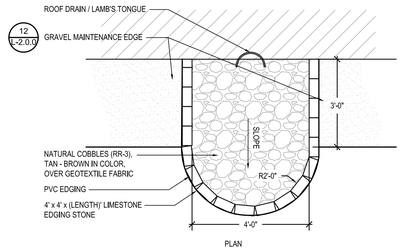
14 BENCHES

SCALE: ½" = 1'-0"

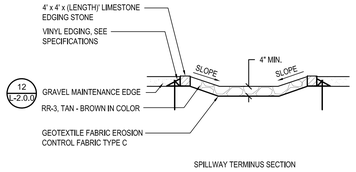


15 CONTRASTING GRAVEL MULCH

SCALE: 1" = 1'-0"



PLAN



SPILLWAY TERMINUS SECTION

16 SPLASH PAD @ ROOF OVERFLOW

SCALE: 1" = 1'-0"

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SMITHGROUP, INC
35 EAST WACKER
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T 312.641.0770
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312.641.0510 T
312.641.0668 F
www.jjr-us.com

AEI Affiliated Engineers
Affiliated Engineers, Inc.
5802 Research Park Boulevard
Madison, Wisconsin 53719
Tel 608.238.2616 Fax 608.238.2614

Thornton Tomasetti
Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago IL 60611-7622
T 312.596.2000 F 312.596.2001

TERRA ENGINEERING LTD.
225 West Ohio Street, 4th Floor
Chicago, Illinois 60654
T (312)467-0123 F (312) 467-0220

SEALS AND SIGNATURES

STATE OF ILLINOIS
PAUL J. WIESE
157-000902
LANDSCAPE ARCHITECT

KEYPLAN

PROJECT NORTH

REV. NO.	DESCRIPTION	BY	APVD	DATE
	ISSUED FOR CONSTRUCTION			07/03/12

Argonne NATIONAL LABORATORY

FMS
Facilities Management Services

PROJECT TITLE: ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY

PROJECT NO: 22378.000

DRAWING TITLE

SITE DETAILS

DESIGNED LV	A/E CADD FILE L2.0.0	FACILITY NO(S)
DRAWN MD	A/E DWG. NO. L2.0.0	
CHECKED PB/TP	CAD NO:	
PROJECT MANAGER ANL - JESSE ADAMS DATE - 05/06/11	DWG STATE	
	BIND ORDER	

FACILITY DOCUMENT NUMBER: J446-101-W- L2.0.0 REV. NO.

Plot Date: 7/13/2011 10:55:15 AM