



To: Park Board

Agenda Item #: Item VI.D.

From: Ross Bintner P.E. - Environmental Engineer

Action

Date: January 13, 2015

Discussion

Information

Subject: Centennial Lakes Promenade Phase Four Update

Action Requested:

Review 90% Plans for Promenade Phase 4 and Provide Comments

Information / Background:

Planning for the improvement of the Edina Promenade dates back to 2006, and followed the Greater Southdale Land Use and Transportation Study. Phases of construction for the improved Promenade have taken place since 2008. This fourth phase follows the vision laid out in the 2007 Edina Promenade Urban Design Plan and includes special water feature areas and public art.

Promenade Phase 4 is directly north of Centennial Lakes Park and compliments both the Edina Promenade and Centennial Lakes with public art and place making, pond and stream water features, park bike and pedestrian trails and aesthetically pleasing landscape.

Project scope and design decisions were guided by the 2007 Edina Promenade Urban Design Plan and close coordination with project stakeholders including; 71 France, Think Bank, Macy's, York Plaza, Coventry Homeowners Association, and City of Edina staff and public art volunteers.

Project History:

This project was initially schedule for construction in the Spring of 2014. The project schedule was adjusted when the City was notified by the 71 France development of the extension of the schedule for the completion of building unit A and need to occupy a portion of Outlot A until April 1, 2015. Outlot A was purchased by the City of Edina in 2014.

During the development of preliminary plans the City examined the feasibility of a regional stormwater infiltration system in partnership with the Nine Mile Creek Watershed District to promote clean water goals and groundwater recharge. Soils investigation work completed in collaboration with grant funding from Hennepin County environmental services has led the Watershed District and project team to recommend discontinuing planning for this stormwater feature. Debris from the previous gravel pit and block plant and miscellaneous urban fill were found to have low levels of contaminated materials. This finding will require special handling and off-site disposal of some excavated materials.

Arts stakeholders were involved to inspire project design level details and the level of integration of public art has gone beyond the framework set forth in the 2007 Edina Promenade Urban Design Plan. The 2007 plan initially called for special feature areas and nodes that provide a frame for public art. The level of

interaction for Phase 4 is deeper, inspiring the public infrastructure itself. The interaction and integration of public art is described in greater detail in the attached Public Art Final Report and Finance Plan (December 2014 – Baeumler.)

Next Steps:

- Early January 2015: 90% Project plan review and stakeholder review
- Late January 2015: Bid Advertisement
- Late January 2015: Likely Council consideration of Hennepin County grant agreement
- February 17, 2015: Council consideration of Award of Bid and associated professional service
- April-June 2015 - Construction

90% Design and Estimate:

The Promenade Phase 4, 90% plan (January 2015 – URS) includes elements described in the art stakeholder Final Report (December 2014 – Baeumler) and this report. In addition to overall aesthetic, project scope and budget, staff is seeking feedback on the following design elements:

- North Plaza / Gathering Circle
- Stream / Creek bed channel
- Pond and overlook
- Natural habitat corridor
- Public art add-ons

Attached is a 90% engineer estimate. The estimate continues to include a 15% contingency due to uncertainty in the bidding environment. Total project costs and estimated costs and proposed funding sources are included below.

Project Element:	Cost / Estimate	Funding Sources / Proposed Funding Sources
DESIGN PHASE		
Outlot A - Property Purchase	\$177,722	Parks dedication fee rebate
Preliminary Phase 4 Plan Promenade Phase 4 Design, engineering, plans, specs.	\$120,000	HRA Centennial Lakes TIF fund
Preliminary Stormwater design	\$40,000	½ Nine Mile WD, ½ Stormwater Utility
Stormwater design	\$76,000	½ Nine Mile WD, ½ Stormwater Utility
Natural Resources design	\$5,000	Stormwater utility
Soils investigation and environmental	\$44,500	Hennepin County Environmental Services Grant COA/MOA fund
Soil Borings	\$19,500	Stormwater utility
Total	\$482,722	
CONSTRUCTION PHASE		
Water feature and public art nodes	\$455,000	(cost split approximate per CIP item 15-172)
Landscaping, public lighting, electric controls and irrigation.	\$225,000	55% Max of \$580,000 7171 France park dedication fees
Pedestrian walk, crossings, and associated grading and wall.	\$125,000	45% \$460,000 HRA/Centennial Lakes TIF district
Stormwater, Soils remediation and disposal, wildlife habitat plantings.	\$204,000	204,000 Stormwater utility
Contingency	\$151,000	Split per bid item.
Professional Services	\$102,000	Split per bid item & chance to reduce w/ internal staff
Total	\$1,262,000	

Attachments:

Promenade Phase 4, 90% Plan (January 2015 – URS)

Engineers Estimate (December 2014 – URS)

Public Art Final Report and Finance Plan (December 2014 – Baeumler)

G:\PW\CENTRAL SVCS\ENG DIV\PROJECTS\CONTRACTS\2014\ENG 14-8 Promenade Phase 4\ADMIN\150106 Wksp Item 1 Promenade Phase 4 90% Design Review.docx



EDINA PROMENADE - PHASE 4 POND AND LANDSCAPE IMPROVEMENTS CONTRACT NO. ENG 14-8 IMPROVEMENT NO. X-X



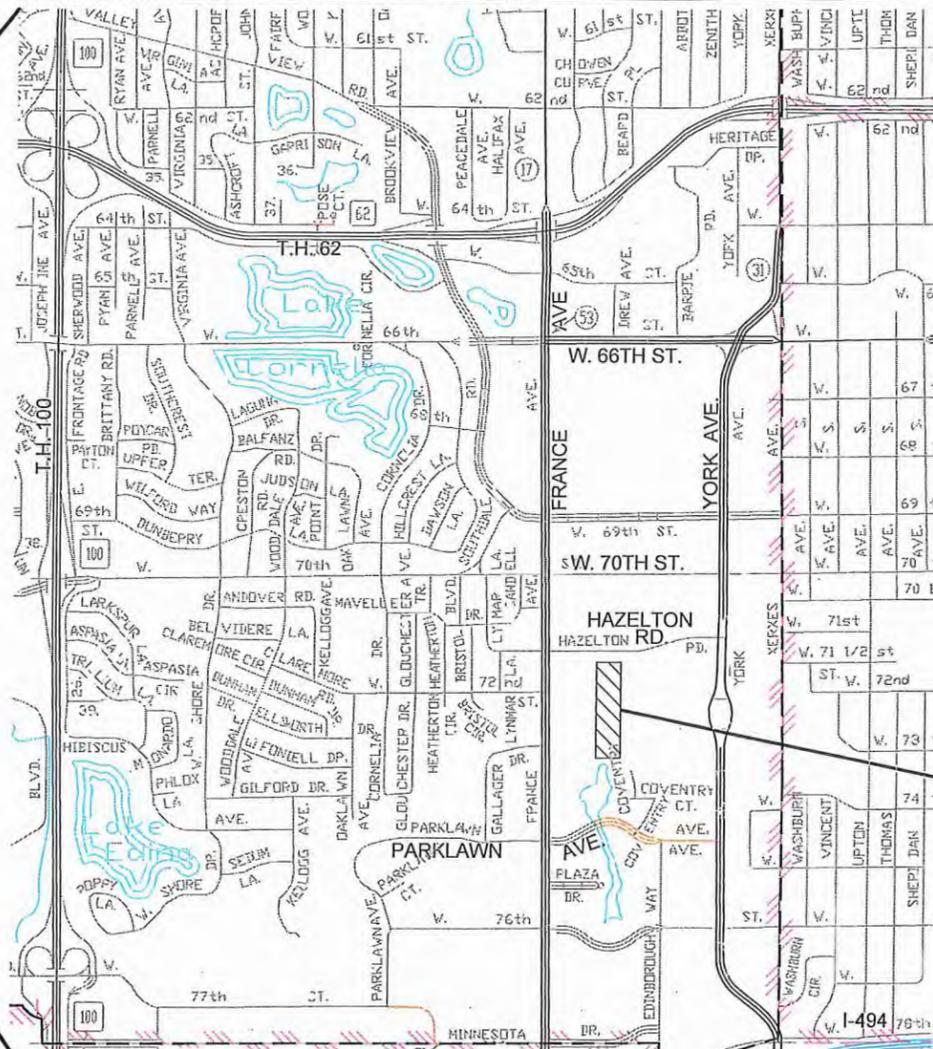
CONSTRUCTION PLANS

GOVERNING SPECIFICATIONS AS AMENDED
THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION". ALL TRAFFIC CONTROL SIGNING AND DEVICES SHALL CONFORM TO THE MMUTCD, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS DATED 2011.

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C3	PROJECT VICINITY MAP
C4	CONSTRUCTION/SOILS NOTES & UTILITY CONTACTS
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C313	ELECTRICAL QUANTITIES AND DETAILS
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LOCATED ON: EDINA PROMENADE BETWEEN FRANCE & YORK - SOUTH OF HAZELTON



PROJECT AREA

THIS PLAN SET CONTAINS 50 SHEETS



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

GREGORY S. BROWN

DATE: _____ MN LIC. NO. 22814

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

KATHRYN G. RYAN

DATE: _____ MN LIC. NO. 20165

LEGEND

	EXISTING GATE VALVE		EXISTING UNDERGROUND GAS MAIN		EXISTING CONTOUR
	EXISTING HYDRANT		EXISTING UNDERGROUND TELEPHONE LINE		EXISTING UNDERGROUND POWER
	EXISTING CURB BOX		EXISTING OVERHEAD POWER		EXISTING FENCE
	EXISTING MANHOLE FOR STORM AND SANITARY SEWER		EXISTING TREE		EXISTING TREE LINE
	EXISTING CATCH BASIN		EXISTING STREET SIGN		EXISTING CURB AND GUTTER
	EXISTING POWER POLE				
	EXISTING SANITARY SEWER				
	EXISTING STORM SEWER				
	EXISTING WATERMAIN				

EXISTING UTILITIES

THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UTILITIES HAS BEEN DESIGNATED UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE DATA". THE CONTRACTOR IS TO DETERMINE THE TYPE AND LOCATION OF UTILITIES AS MAY BE DEEMED NECESSARY TO AVOID DAMAGE THERETO.

CALLING GOPHER STATE ONE (651.454.0002) IS REQUIRED A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

PRELIMINARY DRAFT
90% REVIEW SET

SUBJECT TO CHANGE
JANUARY 9, 2015

PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

APPROVED CHAD MILLNER LIC. NO. 43970
INTERIM CITY ENGINEER DATE _____

NOTE: ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

CITY PROJECT NO. 14-8

SHEET NO. C1 OF 50 SHEETS



↑
NOT TO SCALE

GENERAL NOTES:
1. CONSTRUCTION STAKING FOR HORIZONTAL AND VERTICAL CONTROL WILL BE PROVIDED BY THE ENGINEER.

DESIGN FILE: 31811419	REV. NO.	BY	DATE	REVISIONS DESCRIPTION
DRAWN BY: IMB				
DESIGN BY: KGR				
CHKED. BY: GSB				
DWG. NAME: PROM4-KP1.dwg				
DATE:				

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 JANUARY 9, 2015



PROMENADE IMPROVEMENTS
PHASE 4
 PROJECT VICINITY MAP

CITY CONTRACT NO. 14-8
 IMPROVEMENTS

SHEET NO.
C3
 50

CONSTRUCTION / SOILS NOTES

GENERAL

1. THE SUBSURFACE UTILITY PLAN INFORMATION ON THIS PLAN IS UTILITY QUALITY D. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF SUBSURFACE UTILITY DATA".
2. CONTRACTOR SHALL COORDINATE ALL PROJECT WORK OPERATIONS, INCLUDING BUT NOT LIMITED TO REMOVALS, GRADING, SIGNAGE, TRAFFIC CONTROL, LANDSCAPING, EROSION CONTROL, RESTORATION, ETC. TO AVOID CONFLICTS AND INCONVENIENCE TO RESIDENTS AND AREA BUSINESSES.
3. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE CURRENT EDITION OF THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.
4. THE GENERAL INTENT OF THIS PROJECT IS TO MATCH GRADES OF EXISTING ROADWAYS, TRAILS, SIDEWALKS, ETC., THE CONTRACTOR SHALL FIELD VERIFY ALL ALIGNMENTS, ELEVATIONS AND GRADES PRIOR TO AND DURING CONSTRUCTION. NECESSARY ADJUSTMENTS SHALL BE MADE IN THE FIELD AS DIRECTED BY ENGINEER.
5. CONTRACTOR SHALL COORDINATE WITH ALL AFFECTED PROPERTY OWNERS REGARDING IMPACTS AND PROPOSED CONSTRUCTION SCHEDULE.
6. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID. CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK PRESENTED.
7. CONTRACTOR SHALL VERIFY LAYOUT AND ANY DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT.
8. CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.
9. CONTRACTOR SHALL OBTAIN ALL CITY PERMITS FOR CONSTRUCTION.
10. CONTRACTOR SHALL NOTIFY GOVERNING AGENCIES OF WORK IN PROGRESS AND SHALL OBTAIN REQUIRED PERMITS AND SCHEDULE REQUIRED INSPECTIONS ON BEHALF OF THE OWNER.
11. CONTRACTOR SHALL CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY THE ENGINEER. DO NOT RESUME OPERATIONS UNTIL DIRECTED.
12. THE RESPONSIBILITY TO PROVIDE SAFE WORKING CONDITIONS ON THE SITE AND TO TAKE THE PRECAUTIONS TO MAINTAIN THE HEALTH, WELFARE, AND SAFETY OF THE GENERAL PUBLIC IS SOLELY THAT OF THE CONTRACTOR.

EARTHWORK AND GRADING

1. SUITABLE GRADING MATERIAL ON THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED EXCEPT TOPSOIL, ORGANIC MATERIAL, PEAT, MUCK, DEBRIS, AND OTHER UNSUITABLE MATERIALS.
2. OTHER GRADING MATERIAL ON THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED ON THIS PROJECT EXCEPT DEBRIS.
3. SUITABLE GRADING MATERIAL, EXCAVATED FROM PROJECT, SHALL BE SCREENED THROUGH 1" SCREEN, STOCKPILED AND REUSED IN FILL AREAS UNDER PAVEMENTS, AS REQUIRED, THROUGHOUT THE PROJECT.
4. NO ONSITE DISPOSAL SITE IS PROVIDED. ALL EXCESS MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OFFSITE IN ACCORDANCE WITH PROVISIONS OF MNDOT SPEC. 2104 AND ALL FEDERAL, STATE AND LOCAL LAWS.
5. A MINIMUM OF 6" TOPSOIL SHALL BE PLACED ON ALL DISTURBED AREAS PRIOR TO FINAL RESTORATION.
6. TOPSOIL BORROW SHALL MEET THE REQUIREMENTS OF MN/DOT 3877.2A (TOPSOIL BORROW)
7. TEMPORARY EROSION PROTECTION, WHICH IS DEPENDENT UPON THE CONTRACTOR'S MEANS, METHOD OR SCHEDULE SHALL BE CONSTRUCTED BY THE CONTRACTOR AND MAINTAINED AT ALL TIMES, WHETHER ORDERED BY THE ARCHITECT, ENGINEER, OWNER, THE CITY OR WATERSHED DISTRICT. SUCH PROTECTION SHALL BE ACCOMPLISHED TO PREVENT WATER OR AIR-BORNE DUST OR SEDIMENT FROM LEAVING THE SITE AND INCLUDE, BUT IS NOT LIMITED TO SILT FENCE, SEDIMENTATION STRUCTURES, AND APPLICATION OF WATER FOR DUST CONTROL.
8. ALL SITE ENTRANCES USED AS TRUCK EXIT LOCATES SHALL HAVE ROCK FILTER DIKES CONSTRUCTED IN SUCH A MANNER THAT VEHICLES LEAVING THE SITE MUST PASS OVER THEM. ANY SEDIMENTATION LEAVING THE SITE AND DEPOSITED ON ADJACENT ROADWAYS FROM VEHICLE TRACKING OR FROM ANY SOURCE, SHALL BE IMMEDIATELY CLEANED BY THE CONTRACTOR.
9. THE SIDEWALLS OF ALL EXCAVATIONS MUST BE PROPERLY SLOPED OR SHEETED AND BRACED IN STRICT CONFORMANCE WITH THE MOST CURRENT PERTINENT OSHA REGULATIONS AND IN ACCORDANCE WITH ANY OTHER REGULATIONS OF ALL REGULATORY AGENCIES HAVING JURISDICTION OVER THIS TYPE OF WORK.
10. THE EXCAVATIONS SHALL BE PROTECTED WITH A TEMPORARY FENCE WHEN DEEMED NECESSARY AND/OR WHEN THE SIDESLOPES OF THE EXCAVATIONS ARE STEEPER THAN 2 FT. HORIZONTAL TO 1 FT. VERTICAL.
11. THE EXCAVATION SHALL BE MAINTAINED IN A DRY CONDITION. NO STAGNANT WATER IS PERMITTED TO COLLECT.
12. THE LAND SHALL BE DEVELOPED IN INCREMENTS OF WORKABLE SIZE ON WHICH ADEQUATE CONTROL OF EROSION AND SILTATION CAN BE PROVIDED AND MAINTAINED DURING THE CONSTRUCTION PERIOD. OPERATION SHALL BE STAGED SO THAT THE AREA BEING DEVELOPED IS NOT EXPOSED FOR LONG PERIODS OF TIME WITHOUT STABILIZATION.
13. TEMPORARY VEGETATION AND/OR MULCHING SHALL BE USED TO PROTECT THE AREAS EXPOSED DURING THE DEVELOPMENT. NO AREA SHALL BE LEFT FOR A PERIOD LONGER THAN 5 DAYS FOR CRITICAL EROSION AREAS FROM INITIAL GRADING TO INSTALLATION OF PERMANENT SURFACE OF GROUND COVER. ALL OTHER DISTURBED AREAS SHALL BE RESEED IN 30 DAYS, SUCH PERIOD MAY BE EXTENDED IF SATISFACTORY CONTROL MEASURES ARE ESTABLISHED AND REMAIN IN PLACE. THIS DETERMINATION WILL BE MADE BY THE CITY ENGINEER.
14. THE PERMANENT VEGETATION AND STRUCTURE SHALL BE INSTALLED AS SOON AS PRACTICAL.
15. EROSION CONTROL PRACTICES SHALL FOLLOW THE DESIGN CRITERIA AS ADOPTED IN THE STANDARDS OF THE "EROSION AND SEDIMENT CONTROL MANUAL" AS PREPARED BY THE HENNEPIN COUNTY CONSERVATION DISTRICT.
16. AREAS TO BE SEED OR SOD SHALL BE TREATED WITH HERBICIDE 10 DAYS PRIOR TO SEED/SOD. AFTER ALL VEGETATION HAS BEEN KILLED THE SOIL SHALL BE TILLED TO A MINIMUM DEPTH OF 6".

THE FOLLOWING Mn/DOT STANDARD PLATES SHALL APPLY ON THIS PROJECT:

MN/DOT STANDARD PLATES	
PLATE NO.	DESCRIPTION
8000 I	STANDARD BARRICADES

CITY OF EDINA, DEPARTMENT OF PUBLIC WORKS STANDARD PLATES SHALL APPLY ON THIS PROJECT.

ALL CONTRACTORS MUST CONTACT GOPHER STATE ONE CALL BEFORE CONSTRUCTION BEGINS
 MN TOLL FREE (800) 252-1166
 TWIN CITIES (651) 454-0002

UTILITY CONTACTS	
COMCAST MR. KELLY DOONAN 2621 FAIRVIEW AVENUE ROSEVILLE, MN 55113 (651) 493-5405	CITY OF EDINA UTILITIES MR. DAVID GOERGEN 4801 W. 50TH STREET EDINA, MN 55424 (952) 826-0312 (OFFICE) (952) 826-0389 (FAX)
XCEL ENERGY MR. GREG WENZEL 5309 W. 70TH STREET EDINA, MN 55439 (952) 829-4513 (OFFICE) (612) 414-8703 (MOBILE)	CENTURYLINK MR. RA OLSON 301 W. 65TH STREET RICHFIELD, MN 55423 (612) 861-8702 (OFFICE)
CENTERPOINT ENERGY/MINNEGASCO MR. BRAD STEBER 700 WEST LINDEN AVE., BDX 1165 MINNEAPOLIS, MN 55440-1165 (612) 321-5073 (OFFICE)	

INFORMATION TO BE VERIFIED

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DRAWN BY: IMB				
DESIGN BY: KGR				
CHKED. BY: GSB				
DWG. NAME: PROM4-NOTES.dwg				
DATE:				



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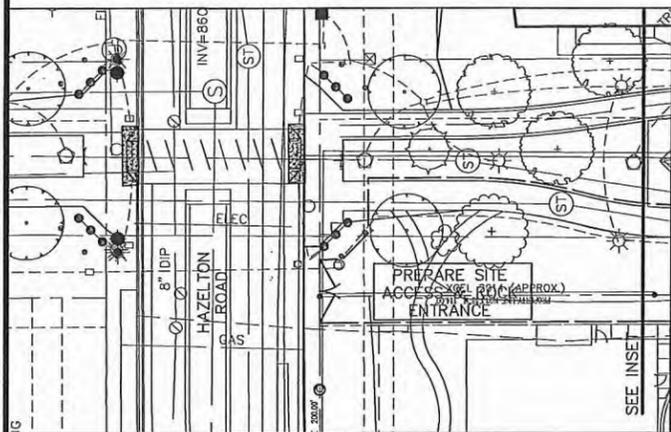
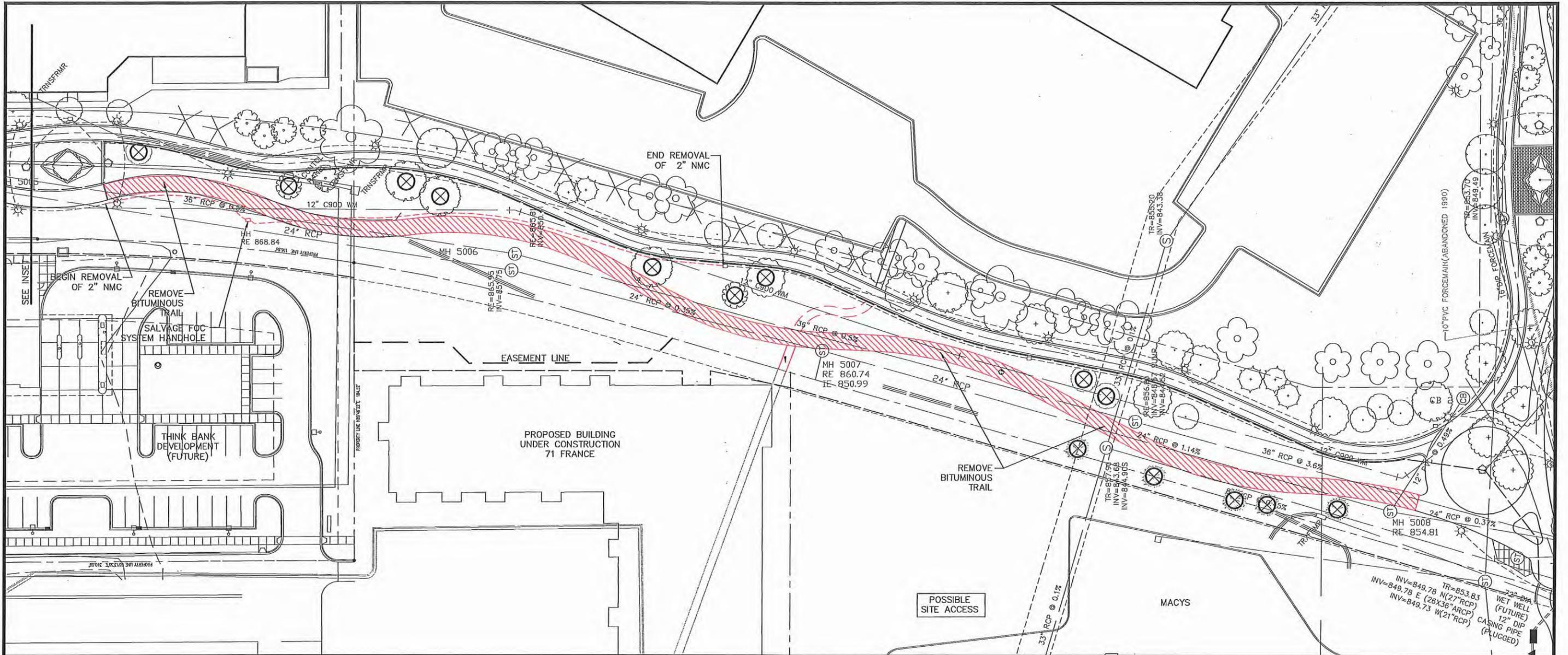
PROMENADE IMPROVEMENTS
PHASE 4
 CONSTRUCTION / SOILS NOTES
 AND UTILITY CONTACTS

CITY CONTRACT NO. 14-8
 IMPROVEMENTS

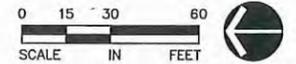
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- NOTE:
1. SOME TREES TO BE REMOVED MAY BE TRANSPLANTED AS DETERMINED BY ENGINEER/LANDSCAPE ARCHITECT.
 2. EXISTING TRAIL LIGHTING WIRING ENCOUNTERED WITHIN THE PROJECT LIMITS MUST BE FLAGGED & CHECKED.
 2. EXISTING IRRIGATION SYSTEM ENCOUNTERED WITHIN THE PROJECT LIMITS MUST BE FLAGGED & CHECKED.



LEGEND	
	DEMO EX. TRAIL/WALK
	REMOVE EX. TREE
	TRANSPLANT EX. TREE
	SILT FENCE
	CONSTRUCTION FENCE/LIMITS

DESIGN FILE:	REV. NO.	BY	DATE	REVISIONS DESCRIPTION
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DRAWN BY: IMB	DESIGN BY: KGR			
CHKD. BY: GSB	DWG. NAME: PROM4-REM.dwg			
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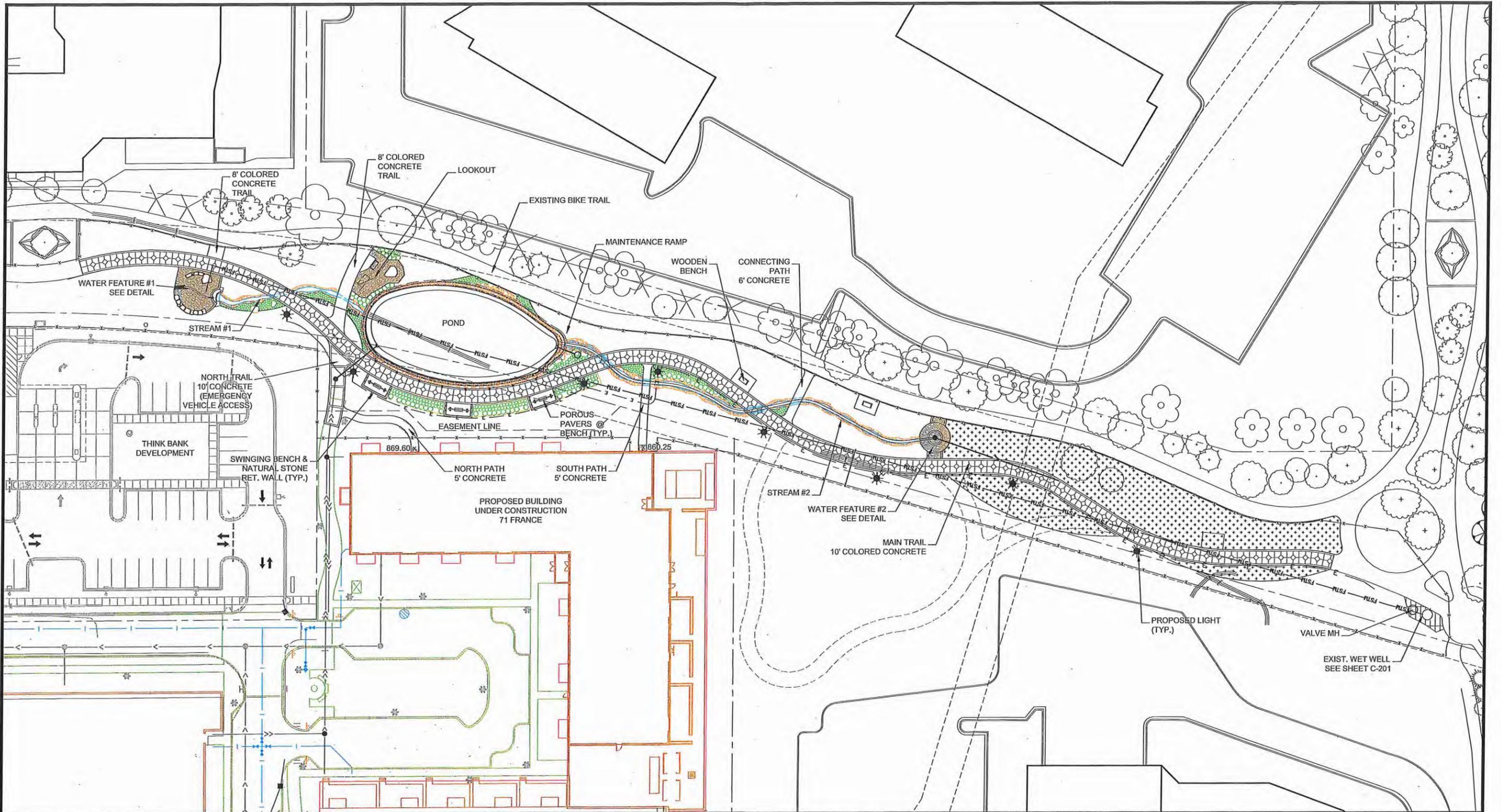
PROMENADE IMPROVEMENTS
 PHASE 4
 EROSION CONTROL & REMOVAL PLAN

CITY CONTRACT NO. 14-B
 IMPROVEMENTS

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SITE PLAN



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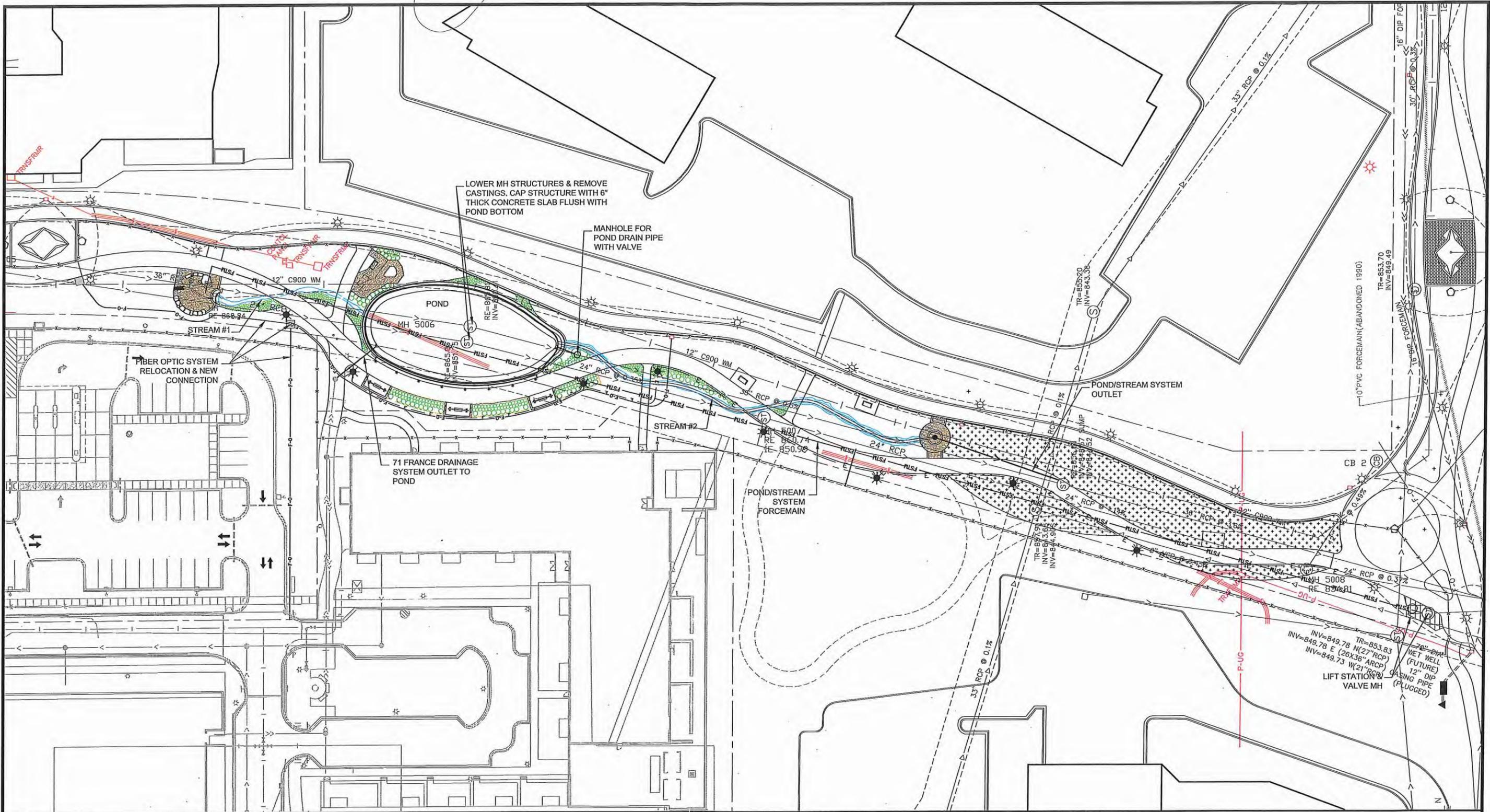
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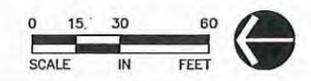
PROMENADE IMPROVEMENTS
 PHASE 4
 SITE PLAN

CITY CONTRACT NO. 14-8
 IMPROVEMENTS

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SITE PLAN



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PROMENADE IMPROVEMENTS
 PHASE 4
 UTILITY PLAN

CITY CONTRACT NO. 14-B
 IMPROVEMENTS

SHEET NO.
C103
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HABITAT PLANTING AREA EXAMPLE



SOD AREA
ALL AREAS SHALL BE TREATED WITH HERBICIDE AND TILLED TO A MINIMUM DEPTH OF 6" PRIOR TO SODDING.

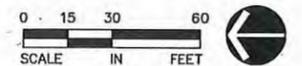


HABITAT PLANTING AREA

PLANT LIST

LBL	QTY.	COMMON NAME	BOTANICAL NAME	ROOT	SIZE	NOTES
TREES						
RSM	X	RED SUNSET MAPLE	<i>ACER RUBRUM</i>	B.B.	2.5" CAL.	
WP	X	WHITE PINE	<i>PINUS STROBUS</i>	B.B.	8' HT.	
SWO	X	SWAMP WHITE OAK	<i>QUERCUS BICOLOR</i>	B.B.	2.5" CAL.	
BO	X	BUR OAK	<i>QUERCUS MACROCARPA</i>	B.B.	2.5" CAL.	
SHRUBS						
DBH	X	DWARF BUSH HONEYSUCKLE	<i>DIERVILLA LONICERA</i>	CONT.	#5	
GLS	X	GRO-LOW SUMAC	<i>RHUS AROMATICA 'GRO-LOW'</i>	CONT.	#5	
RGB	X	ROSE GLOW BARBERRY	<i>BERBERIS THUNBERGII 'ROSE GLOW'</i>	CONT.	#5	
PERENNIALS						
GH	X	GREEN HOSTA	<i>HOSTA LANCIFOLIA</i>	CONT.	#1	
HAD	X	HEARTS AFIRE DAYLILLY	<i>HEMEROCALIS 'HEARTS AFIRE'</i>	CONT.	#1	
PD	X	PRAIRIE DROPSEED	<i>SPOROBOLUS HETEROLEPIS</i>	CONT.	#1	
ZC	X	ZAGREB COREOPSIS	<i>COREOPSIS VERTICILATA 'ZAGREB'</i>	CONT.	#2	

NOTE: PLANTING PLAN AND PLANT SELECTIONS TO BE FINALIZED AFTER DISCUSSIONS WITH CITY STAFF



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PROMENADE IMPROVEMENTS
PHASE 4
LANDSCAPE PLAN

CITY CONTRACT NO. 14-8
IMPROVEMENTS

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SHEET NO.
C107

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NATURAL STONE BURIED VERTICALLY IN CONCRETE TO SIMULATE STREAM PATTERN

2X3X2 SELECTED BOULDER WITH FOUNTAIN

NATURAL ROCK SEAT BENCH OF DRESSER TRAP ROCK FLAT BOULDERS

STAMPED CONCRETE COLORED TO MATCH TRAP ROCK

STONE PATTERN STAMPED ON EDGE

BOULDER CASCADE AREA

NORTH PLAZA

NATURAL ROCK SEAT BENCH OF DRESSER TRAP ROCK FLAT BOULDERS

10" X 18" TRENCH GRATE (FLAT RAINBOW by URBAN ACCESSORIES) ON 12.5' RADIUS

SIGNATURE BOULDER

CORTEN STEEL SCUPPER OVERFLOW AT PLAZA EDGE

STAMPED CONCRETE COLORED TO MATCH TRAP ROCK

STONE PATTERN STAMPED ON EDGE

10" X 18" TRENCH GRATE (FLAT RAINBOW by URBAN ACCESSORIES) ON 12.5' RADIUS

24" DRAIN CASTING (NAUTILUS by URBAN ACCESSORIES)

SOUTH PLAZA

CENTRAL OVERLOOK PLAZA

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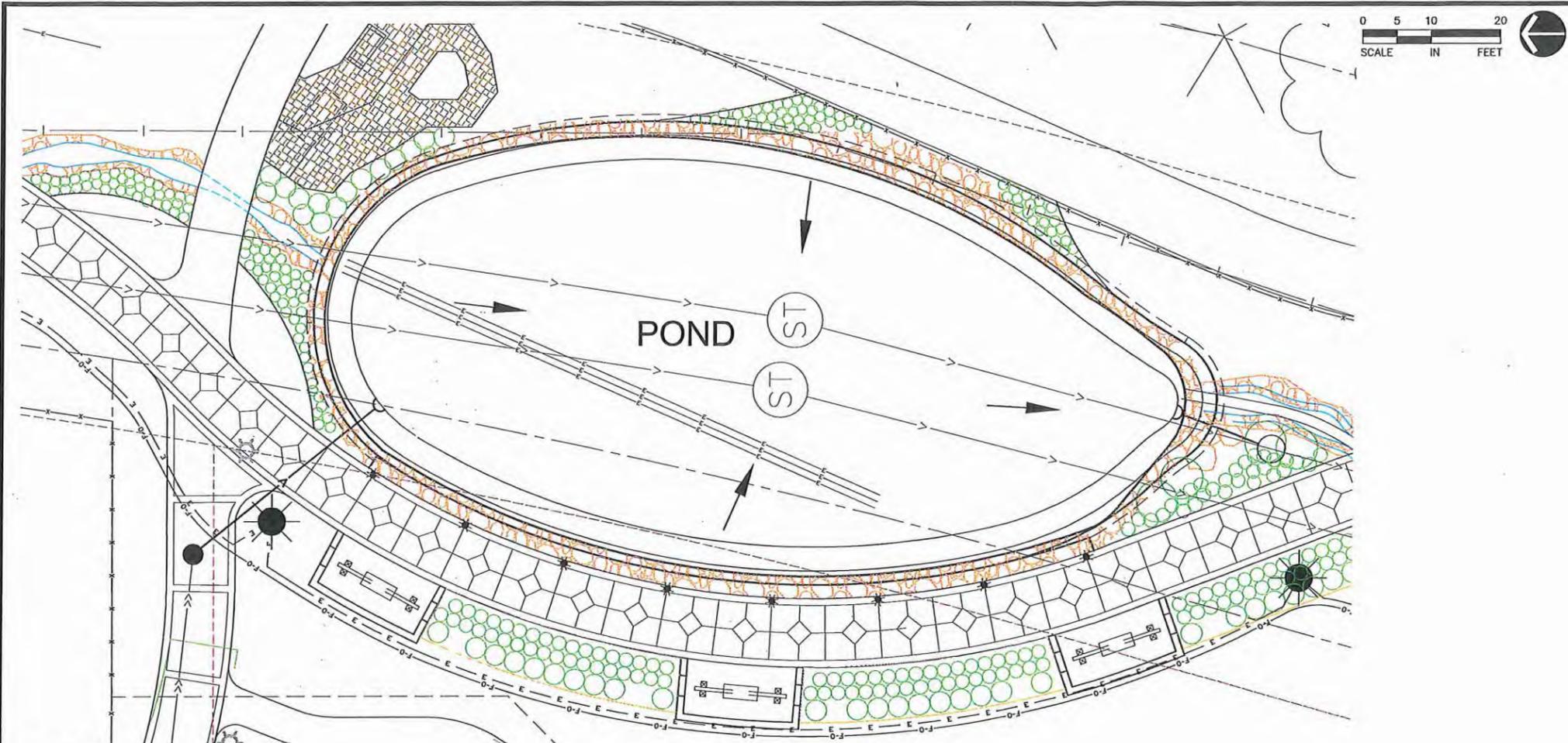
PROMENADE IMPROVEMENTS
PHASE 4
WATER FEATURE #1

CITY CONTRACT NO. 14-8
IMPROVEMENTS

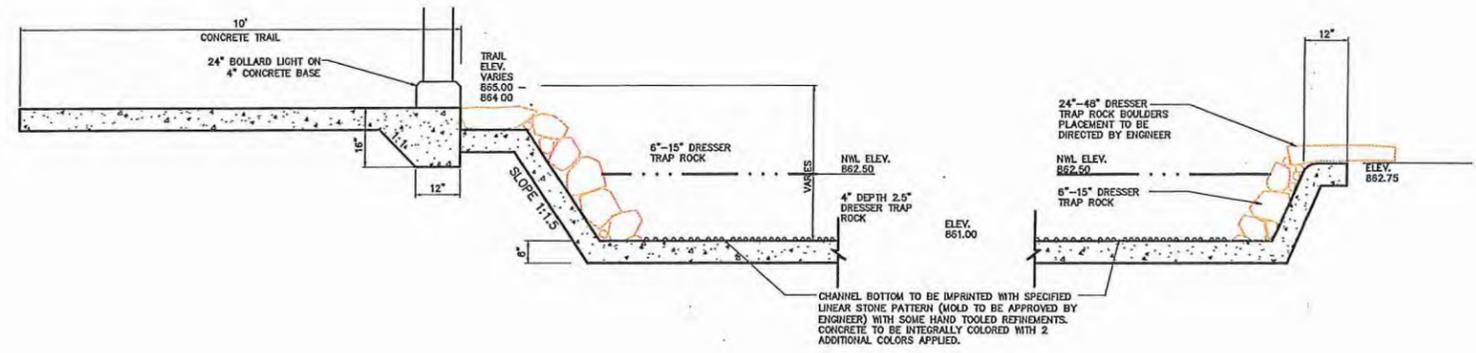
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SHEET NO.
C108

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SITE PLAN
SCALE: 1" = 10'



LEDGE WALL

PERIMETER & ISLAND WALL

TYPICAL SECTION
SCALE: 1" = 2'

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31811419				
DRAWN BY: IMB	DESIGN BY: KGR			
CHKD. BY: GSB	DWG. NAME: PROM4-ST01.dwg			
DATE:				

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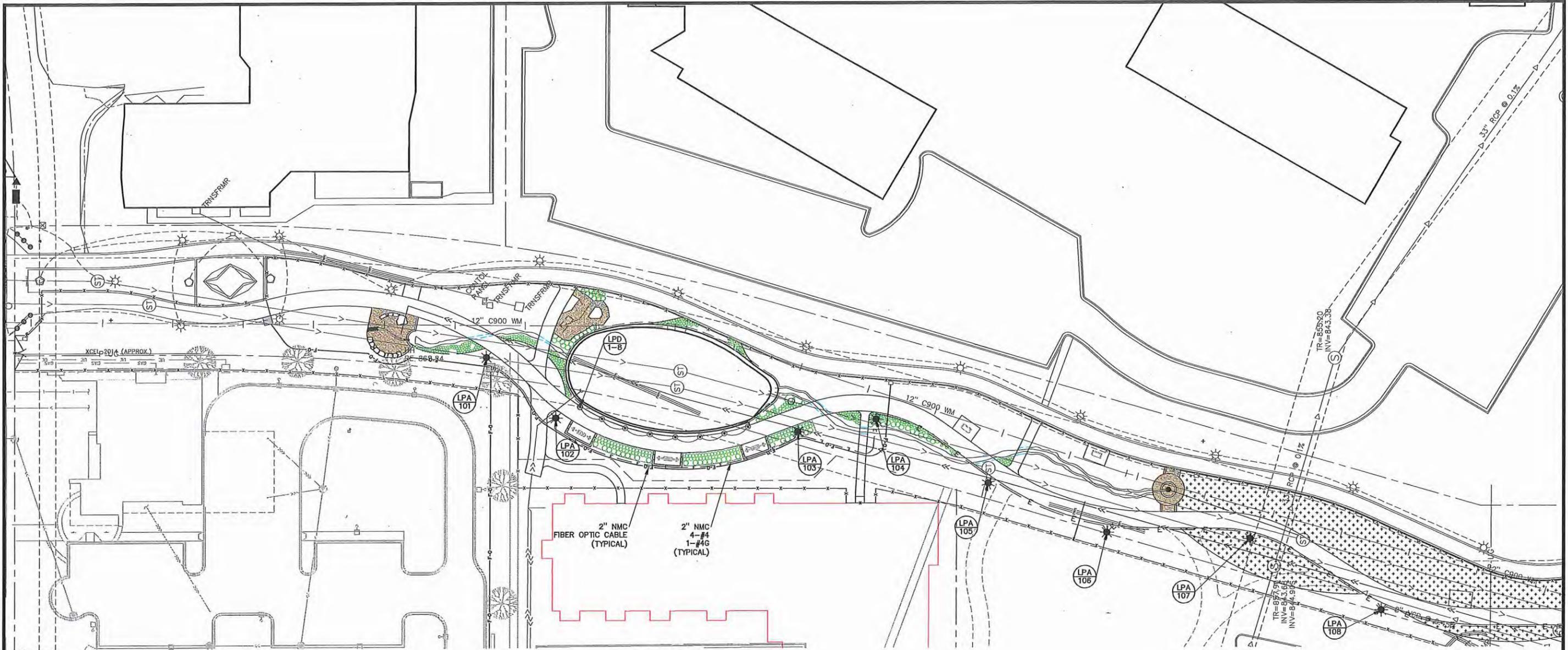
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JANUARY 9, 2015



PROMENADE IMPROVEMENTS
PHASE 4
POND PLAN

CITY CONTRACT NO. 14-8
IMPROVEMENTS X-X

SHEET NO.
C109
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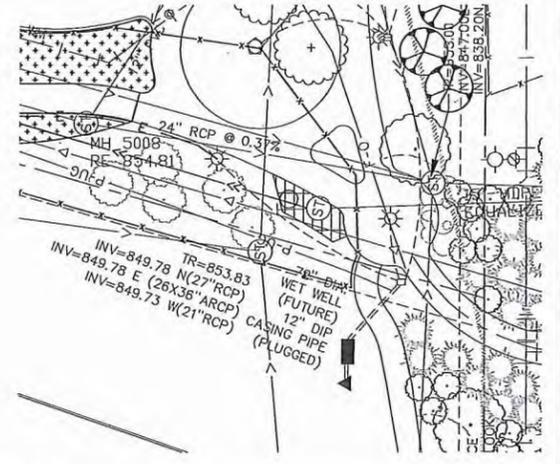
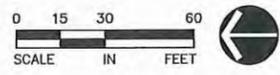


NOTES

1. LIGHTING UNITS, HANDHOLES AND SERVICE CABINET SHALL BE LOCATED BY THE ENGINEER IN THE FIELD.
2. ALL LIGHTING UNITS SHALL BE LOCATED WITH A MINIMUM OF 36 INCH SETBACK FROM EDGE OF TRAIL TO CENTER OF FOUNDATION, OR AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO WORK.
4. CONTRACTOR SHALL COORDINATE THE PLACEMENT OF HANDHOLES, CONDUIT AND LIGHT BASES WITH THE CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL LIGHT SHIELDS FOR TWO TYPE A LIGHTS BY THE POND. THE LIGHT SHIELD SHALL BE MOUNTED TO PROJECT ALL LIGHT TO THE EAST.

LEGEND

- F & I LIGHTING UNIT TYPE A AND LIGHT BASE
- F & I LIGHTING UNIT TYPE D
- HH X ■ F & I HANDHOLE
- E— F & I CONDUIT FOR LIGHTING (2" NMC)
- FO— F & I CONDUIT FOR CITY FOC (2" NMC)



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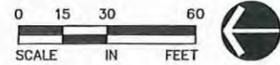
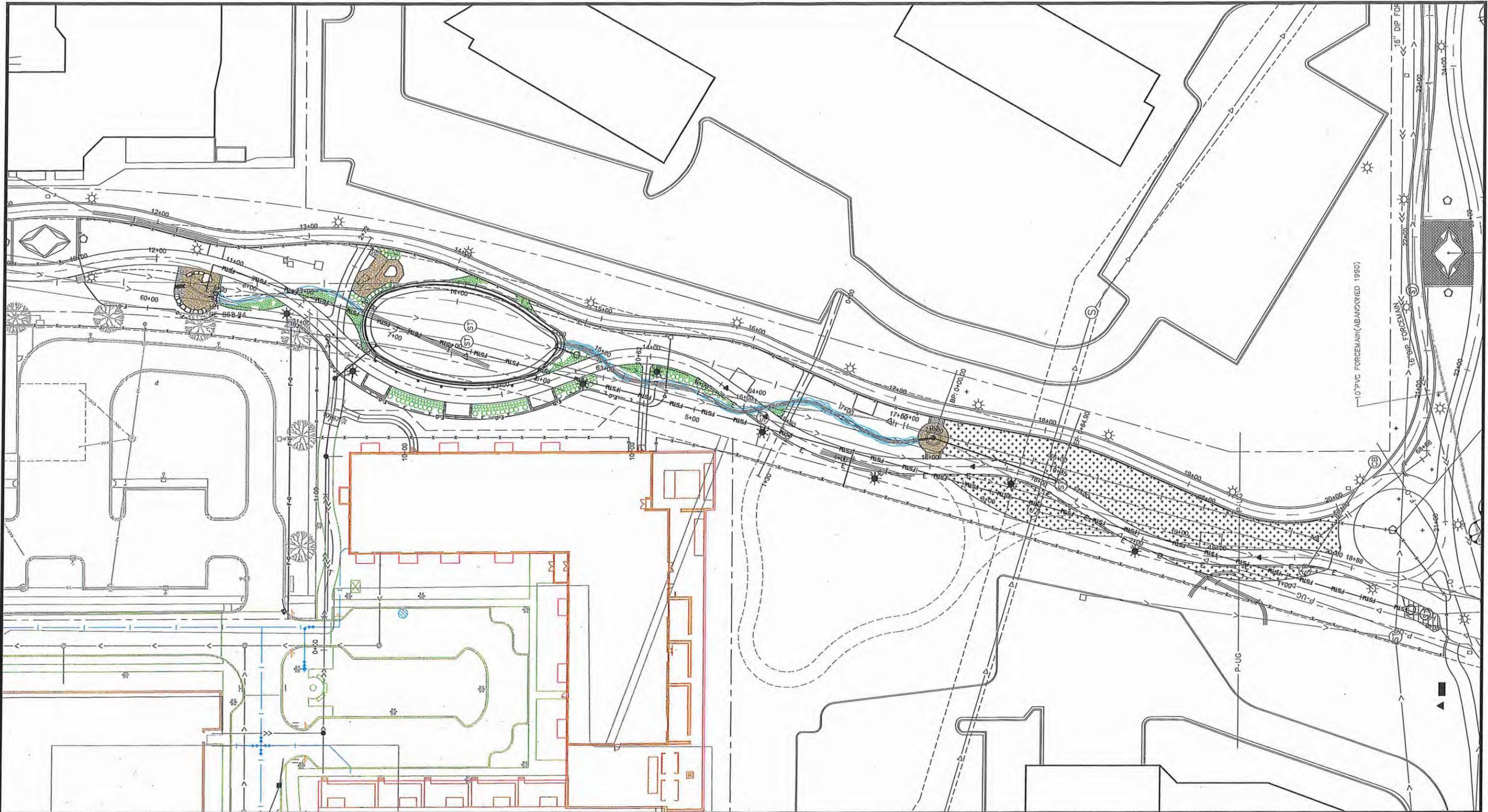
SUBJECT TO CHANGE
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PROMENADE IMPROVEMENTS
PHASE 4
LIGHTING PLAN

CITY CONTRACT NO. 14-B
 IMPROVEMENTS

SHEET NO.
C110
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DESIGN FILE: 31811419		REV. NO.	BY	DATE	REVISIONS DESCRIPTION
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DATE:					



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PROMENADE IMPROVEMENTS
PHASE 4
ALIGNMENTS & LAYOUT PLAN

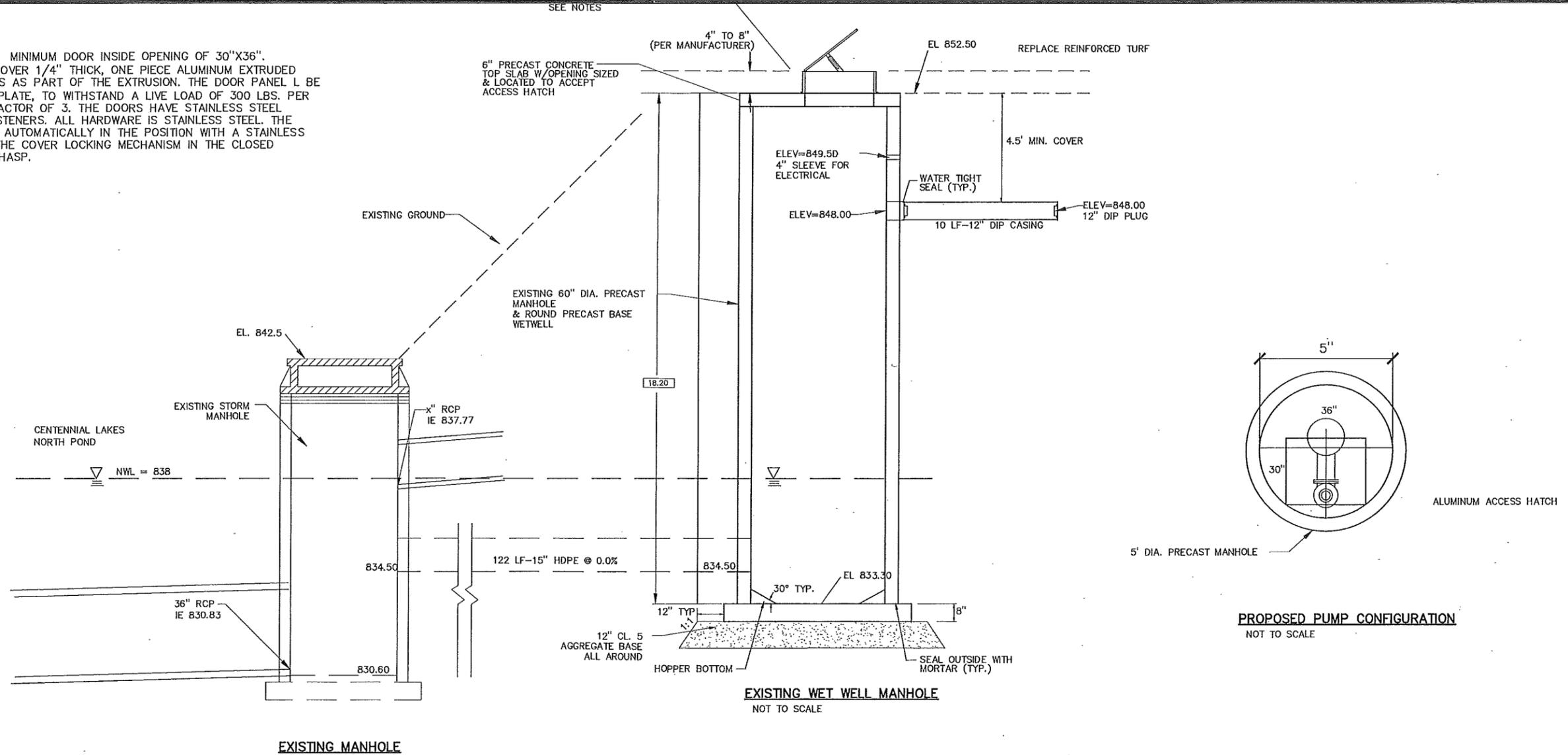
CITY CONTRACT NO. 14-B
IMPROVEMENTS

SHEET NO.
C111
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HATCH COVER REPLACEMENT

HEAVY DUTY HATCH COVER WITH MINIMUM DOOR INSIDE OPENING OF 30"X36". ALUMINUM ACCESS FRAME AND COVER 1/4" THICK, ONE PIECE ALUMINUM EXTRUDED FRAME WITH CONCRETE ANCHORS AS PART OF THE EXTRUSION. THE DOOR PANEL L BE 1/4" THICK ALUMINUM DIAMOND PLATE, TO WITHSTAND A LIVE LOAD OF 300 LBS. PER SQUARE FOOT, WITH A SAFETY FACTOR OF 3. THE DOORS HAVE STAINLESS STEEL HINGES WITH TAMPER-PROOF FASTENERS. ALL HARDWARE IS STAINLESS STEEL. THE DOORS OPEN TO 90° AND LOCK AUTOMATICALLY IN THE POSITION WITH A STAINLESS STEEL POSITIVE LOCKING ARM. THE COVER LOCKING MECHANISM IN THE CLOSED POSITION IS A STAINLESS STEEL HASP.

SEE NOTES



PROPOSED PUMP CONFIGURATION
NOT TO SCALE

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DESIGN BY: KGR				
CHKD. BY: GSB				
DWG. NAME: PROM4-LSTA.dwg				
DATE:				

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PRELIMINARY DRAFT
90% REVIEW SET

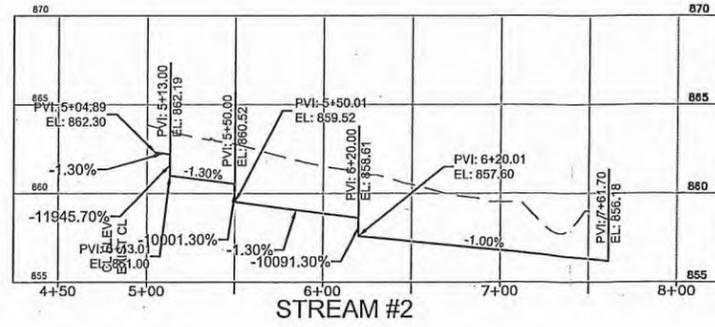
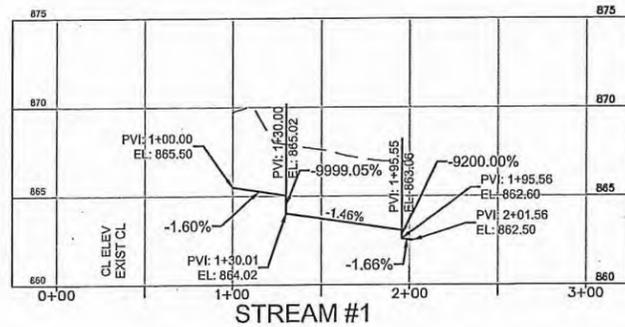
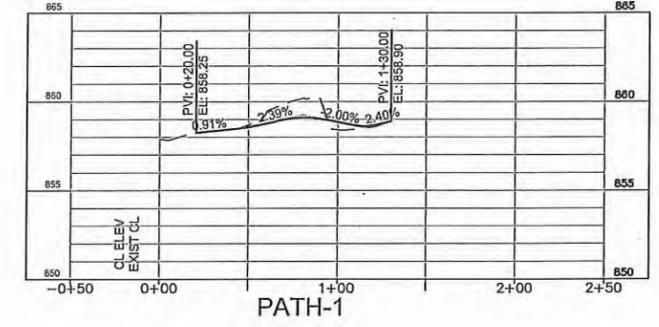
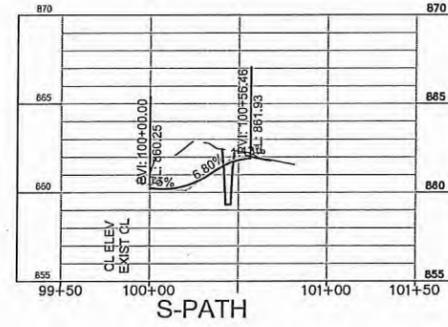
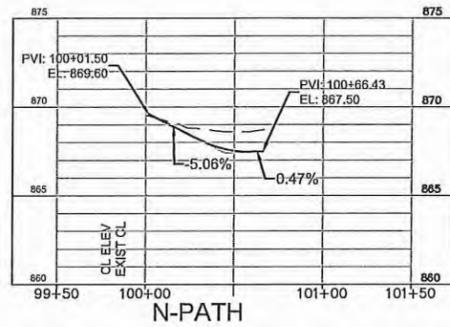
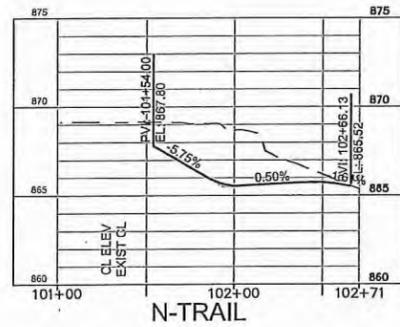
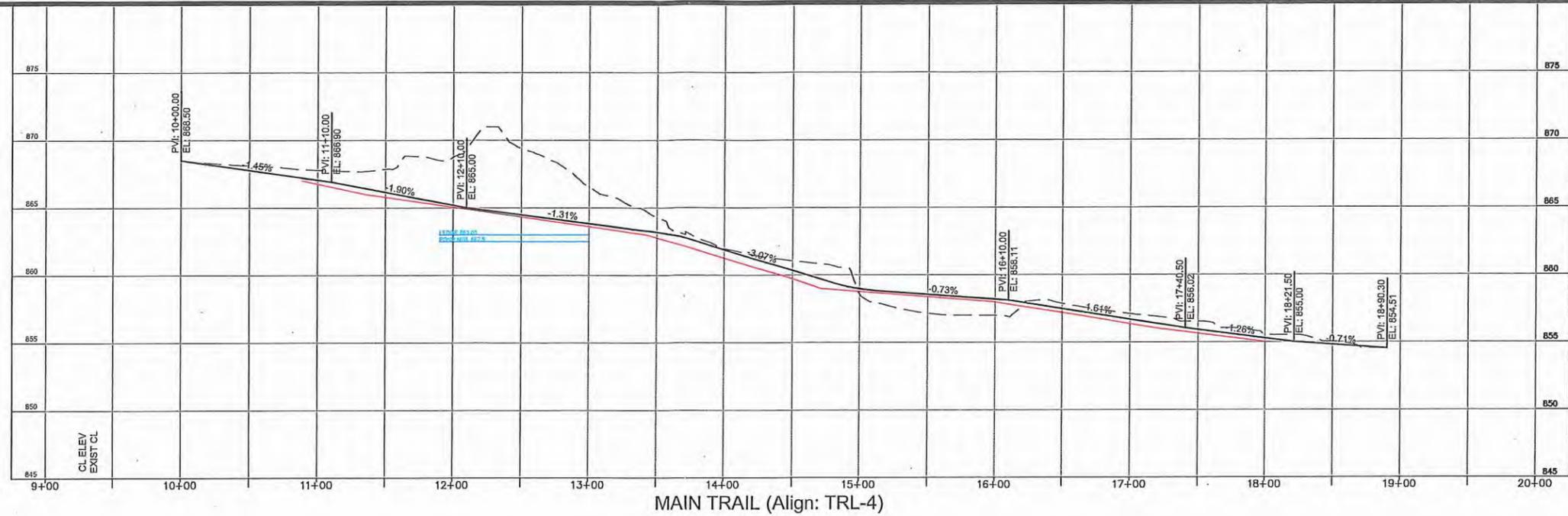
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JANUARY 9, 2015



PROMENADE IMPROVEMENTS
PHASE 4
PUMP STATION & VALVE MANHOLE

CITY CONTRACT NO. 14-8
IMPROVEMENTS

SHEET NO. C201
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DESIGN FILE: 31811419	REV. NO.	BY	DATE	REVISIONS DESCRIPTION
DRAWN BY: IMB				
DESIGN BY: KGR				
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DWG. NAME: PROM4-PROF.dwg				
DATE:				



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JANUARY 9, 2015



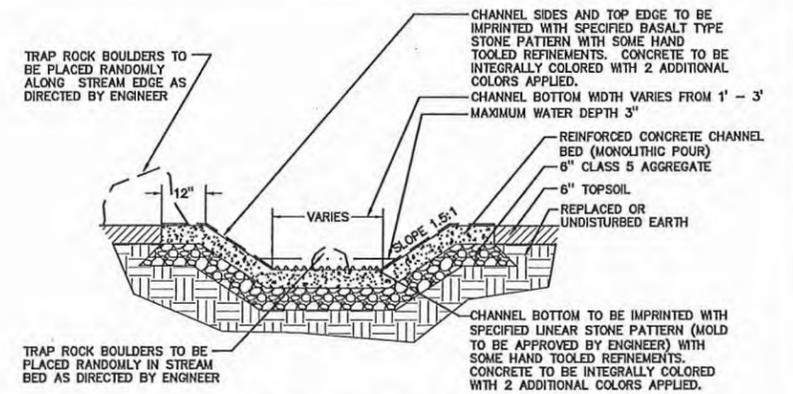
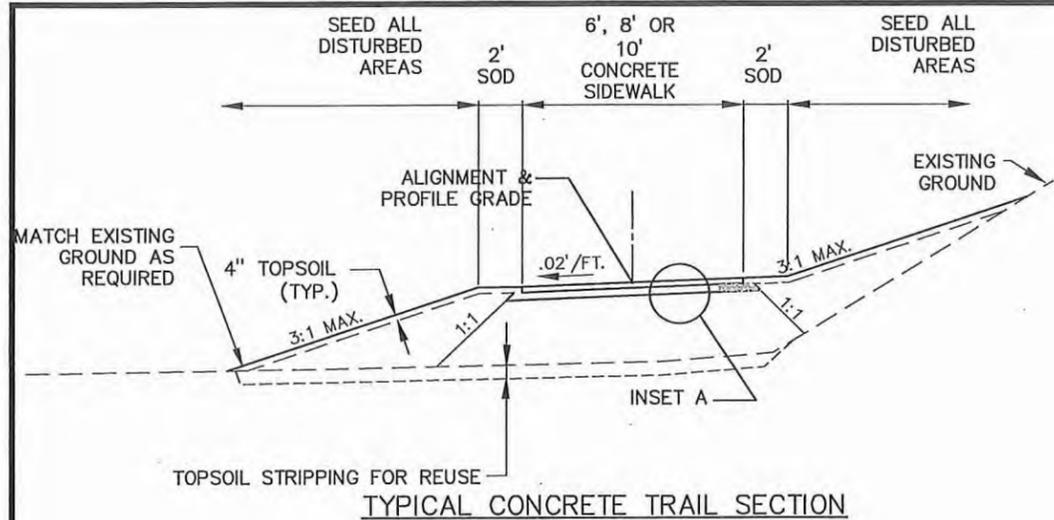
PROMENADE IMPROVEMENTS
PHASE 4
TRAIL, PATHS AND STREAMS 1 & 2
PROFILES

CITY CONTRACT NO. 14-8
IMPROVEMENTS

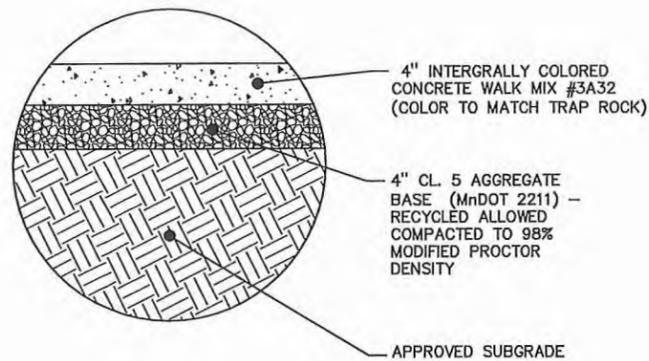
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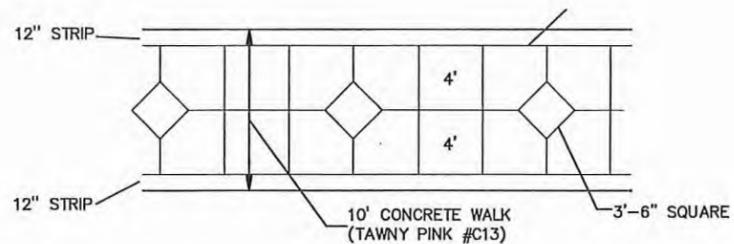
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STREAMS 1 & 2
TYPICAL SECTION



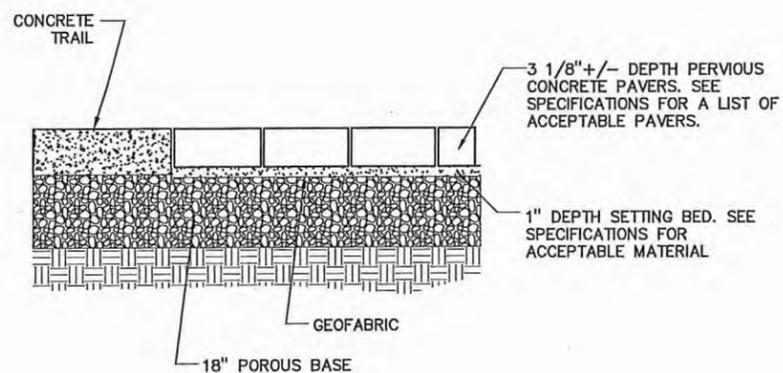
INSET A
CONCRETE



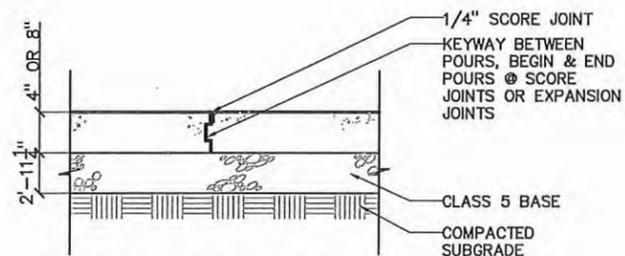
TYPICAL TRAIL JOINTING DETAIL
NOT TO SCALE



IMAGES FOR STREAMS 1 & 2



POROUS PAVERS
NOT TO SCALE



CONCRETE CONSTRUCTION JOINT DETAIL
NOT TO SCALE

CONTRACTOR TO CREATE CUSTOM STAMP OR FORM FOR STREAM BOTTOM TO MATCH THE COLOR, SHAPE AND CHARACTER OF THE IMAGES ABOVE. SEE SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.

GENERAL NOTES:

1. AGGREGATE BASE SHALL BE CONSTRUCTED 6" WIDER ON EACH SIDE THAN PROPOSED BITUMINOUS OR CONCRETE WALKS.
2. CONTRACTOR SHALL CONSTRUCT ALL CONCRETE SIDEWALK WITH DECORATIVE SCORING PATTERN AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SCORING SHALL BE ACCOMPLISHED USING HAND TOOLS TO CONSTRUCT 3/8" JOINTS WITH 1/32" RADII. COSTS FOR LABOR ASSOCIATED WITH DECORATIVE SCORING PATTERN WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE FOR CONCRETE WALK.

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DESIGN BY: KGR				
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DWG. NAME: PROM4-TYP1.dwg				
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PROMENADE IMPROVEMENTS
PHASE 4
TYPICAL SECTIONS
TRAILS, PATHS AND STREAMS 1 & 2

CITY CONTRACT NO. 14-8
IMPROVEMENTS

x-x

SHEET NO.
C304

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CITY OF EDINA - PROMENADE PHASE 4

ENGINEER'S OPINION OF CONSTRUCTION COST FOR 90% DESIGN					
LAST UPDATE: December 29, 2014					
		Unit		PARK IMPROVEMENTS COST	
	Item	Unit	Price	Quantity	Cost
1	MOBILIZATION	LS	\$60,000.00	1.00	\$60,000.00
2	REMOVE PAVEMENT	SF	\$1.25	7,800.00	\$9,750.00
3	REMOVE FIBER OPTIC CONDUIT	LF	\$3.00	400.00	\$1,200.00
4	SALVAGE FIBER OPTIC HANDHOLE	EA	\$150.00	1.00	\$150.00
5	COMMON EXCAVATION (EV) (P)	CY	\$20.00	3,200.00	\$64,000.00
6	HAUL AND DISPOSE CONTAMINATED SOIL TYPE 1	TON	\$35.00	1,200.00	\$42,000.00
7	HAUL AND DISPOSE CONTAMINATED SOIL TYPE 2	TON	\$25.00	1,200.00	\$30,000.00
8	SELECT TOPSOIL BORROW (LV)	CY	\$30.00	700.00	\$21,000.00
9	AGGREGATE BASE CLASS 5 (CV)	CY	\$40.00	275.00	\$11,000.00
10	POROUS AGGREGATE BASE (P)	CY	\$50.00	10.00	\$500.00
11	F&I POROUS PAVERS	SF	\$8.00	480.00	\$3,840.00
12	NATURAL STONE RETAINING WALL	SF	\$35.00	300.00	\$10,500.00
13	4" CONCRETE WALK SPECIAL #1 (COLORED AND TOOLED)	SF	\$7.50	8,900.00	\$66,750.00
14	4" CONCRETE WALK (PLAIN)	SF	\$5.00	1,700.00	\$8,500.00
15	8" REINFORCED CONCRETE SLAB (POND)	SF	\$12.00	6,620.00	\$79,440.00
16	3" BITUMINOUS WALK	SF	\$5.00	100.00	\$500.00
17	4" COLORED STAMPED CONCRETE (LOOKOUT)	SF	\$12.00	525.00	\$6,300.00
18	4" COLORED STAMPED CONCRETE (NORTH PLAZA)	SF	\$12.00	655.00	\$7,860.00
19	4" COLORED STAMPED CONCRETE (SOUTH PLAZA)	SF	\$12.00	325.00	\$3,900.00
20	TRENCH DRAIN AND GRATE (NORTH PLAZA)	LF	\$350.00	20.00	\$7,000.00
21	VORTEX CASTING (SOUTH PLAZA)	EA	\$2,500.00	1.00	\$2,500.00
22	DEVELOP CUSTOM CHANNEL FORMLINER	LS	\$10,000.00	1.00	\$10,000.00
23	8" COLORED STAMPED CONCRETE (STREAM 1&2)	LF	\$275.00	355.00	\$97,625.00
24	CORTEN SCUPPER (NORTH PLAZA)	EA	\$1,500.00	1.00	\$1,500.00
25	CHANNEL CATARACT TREATMENT (AT DROP LOCATIONS)	EA	\$4,000.00	4.00	\$16,000.00
26	GROUTED NATURAL STONE (NORTH PLAZA)	SF	\$150.00	14.00	\$2,100.00
27	DRESSER TRAP ROCK BOULDERS (NORTH PLAZA)	LS	\$10,000.00	1.00	\$10,000.00
28	DRESSER TRAP ROCK BOULDERS (POND EDGE)	TON	\$125.00	200.00	\$25,000.00
29	DRESSER TRAP ROCK GRAVEL (POND BOTTOM)	TON	\$100.00	120.00	\$12,000.00
30	TRAIL CROSSING GRATE (STREAMS #1 & #2)	SF	\$100.00	128.00	\$12,800.00
31	POND/STREAMS PUMP & INSTALLATION (EXIST. WETWELL)	LS	\$20,000.00	1.00	\$20,000.00
32	PUMP CONTROLS	LS	\$15,000.00	1.00	\$15,000.00
33	POND/STREAM SYSTEM VALVES	LS	\$5,000.00	1.00	\$5,000.00
34	VALVE MANHOLE	EA	\$3,500.00	1.00	\$3,500.00
35	MH, PVC OUTLET & VALVE FOR POND DRAIN	EA	\$5,000.00	1.00	\$5,000.00
36	MODIFY STORM MH (BELOW POND)	EA	\$2,500.00	2.00	\$5,000.00
37	ADJUST CASTING	EA	\$1,000.00	5.00	\$5,000.00
38	MODIFY WETWELL	LS	\$2,500.00	1.00	\$2,500.00
39	4" FORCEMAIN	LF	\$10.00	900.00	\$9,000.00
40	CONNECT TO EXISTING STORM SEWER	EA	\$1,000.00	1.00	\$1,000.00
41	15" RCP STORM SEWER	LF	\$50.00	100.00	\$5,000.00

CITY OF EDINA - PROMENADE PHASE 4

ENGINEER'S OPINION OF CONSTRUCTION COST FOR 90% DESIGN					
LAST UPDATE: December 29, 2014					
		Unit		PARK IMPROVEMENTS COST	
Item	Unit	Price	Quantity	Cost	
42	STORMWATER CONN. FROM 71 FRANCE	LF	\$50.00	35.00	\$1,750.00
43	LIGHTING UNIT (TYPE A) - (INCLUDING BASE)	EA	\$6,500.00	8.00	\$52,000.00
44	FIXTURE TYPE D BOLLARD - (INCLUDING BASE)	EA	\$2,500.00	8.00	\$20,000.00
45	2" NON-METALLIC CONDUIT	LF	\$5.00	750.00	\$3,750.00
46	UNDERGROUND WIRE 1COND NO 4	LF	\$2.50	3,500.00	\$8,750.00
47	HANDHOLE	EA	\$1,000.00	2.00	\$2,000.00
48	SERVICE CABINET CONNECTION FOR LIGHTING	LS	\$1,500.00	1.00	\$1,500.00
49	SERVICE CABINET CONNECTION FOR PUMP	LS	\$2,500.00	1.00	\$2,500.00
50	TRAFFIC CONTROL	LS	\$1,500.00	1.00	\$1,500.00
51	TRANSPLANT TREE	EA	\$250.00	14.00	\$3,500.00
52	LANDSCAPE TREE	EA	\$600.00	60.00	\$36,000.00
53	HABITAT PLANTING	SF	\$5.00	10,800.00	\$54,000.00
54	LANDSCAPE SHRUB	EA	\$50.00	300.00	\$15,000.00
55	LANDSCAPE PERENNIALS	EA	\$30.00	300.00	\$9,000.00
56	AMENITIES - SWINGING BENCH	EA	\$10,000.00	3.00	\$30,000.00
57	AMENITIES - WOODEN BENCH	EA	\$1,000.00	3.00	\$3,000.00
58	LANDSCAPE ROCKS	EA	\$200.00	30.00	\$6,000.00
59	IRRIGATION SYSTEM MODIFICATIONS	LS	\$20,000.00	1.00	\$20,000.00
60	RELOCATE FIBER OPTIC SYSTEM	LF	\$5.00	450.00	\$2,250.00
61	FIBER OPTIC SYSTEM HANDHOLE	EA	\$250.00	2.00	\$500.00
62	SILT FENCE, TYPE REGULAR (MAINTAINED)	LF	\$2.50	1,000.00	\$2,500.00
63	CONSTRUCTION FENCE	LF	\$3.00	2,000.00	\$6,000.00
64	SEEDING	AC	\$2,000.00	1.00	\$2,000.00
65	SEED, MIXTURE 260	LB	\$2.50	200.00	\$500.00
66	SODDING TYPE LAWN	SY	\$5.00	1,500.00	\$7,500.00
67	REINFORCED TURF (EMERGENCY VEHICLE ACCESS)	SF	\$10.00	100.00	\$1,000.00
68	MULCH MATERIAL, TYPE 1	TON	\$195.00	2.50	\$487.50
69	EROSION CONTROL BLANKET, CAT 3, (WOOD FIBER)	SY	\$1.50	500.00	\$750.00
70	HYDRAULIC SOIL STABILIZER, TYPE 5	LB	\$1.00	1,000.00	\$1,000.00
71	SIGNAGE STRUCTURE	LS	\$5,000.00	1.00	\$5,000.00
72	SIGNAGE MAP UPDATE FOR PROMENADE SYSTEM	EA	\$2,500.00	3.00	\$7,500.00
ESTIMATED COST					\$1,007,000.00
15% CONTINGENCY					\$151,000.00
TOTAL ESTIMATED CONSTRUCTION COST					\$1,158,000.00

PUBLIC ART FINAL REPORT AND FINANCE PLAN

Edina Promenade, Phase 4

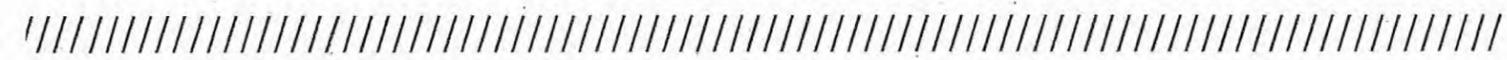


Landscape Graphic of Edina Promenade, Phase 4, Kathryn Ryan URS

Christine Baeumler
Art consultant

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- Introduction
- Summary of Activities
- Development of Ideas
- Design Elements
 - North Plaza/Gathering Circle
 - Stream/Creek Bed Channel
 - Pond and Overlook
 - South Plaza/Gathering Circle
- Recommendation of Existing Public Art Features
- Public Art Engagement Opportunities
- "Light Infrastructure"
- Budget
- Funding Sources



INTRODUCTION

When most people imagine public art, a sculpture in a plaza or a mural on a wall comes to mind; in other words, a discreet object or image, which may relate to the site, but is meant to stand out as a discernible artwork. Often this work is authored by individual artist whose work makes a particular gesture in the public space, sometimes with consideration of the site and sometimes as a stand alone artistic statement.

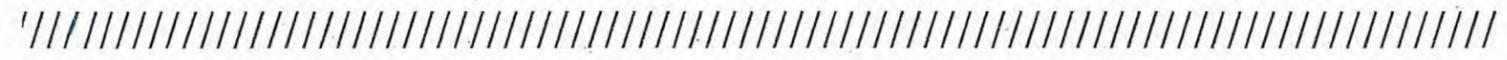
While this approach to public art is still vital, the practice has evolved over the past decades from a stand-alone work to a more integrated approach to design, more fully embedded in the infrastructure and the landscape design. Instead of a single author, the approach often happens as a result of teamwork amongst individuals from a variety of disciplines that can consider the site from multiple perspectives. Consideration is given not only to the aesthetic impact of the site, but also the historical, social and ecological context as well. This strain of public art is often called “place making” to distinguish it from public art that was more about an artistic gesture in public space.

Additionally the notion of “who” is an artist has also been challenged. While the skills, techniques, training and commitment to a particular art form are still to be valued, contemporary practice of public art also invites a more relational approach to creative place making. Artists use their creativity to increase the opportunities and capacity of others to contribute to design in the public realm, from sidewalk poetry in the streets of St. Paul as in Everyday Poems for City Sidewalks, initiated by artist Marcus Young to temporary engagements such as the Community Meal by Seitu Jones, people are invited to contribute artistically to life of urban, suburban and rural communities. Discreet works of art have a role in the fabric of a place, but this approach shifts the emphasis to seeing the space and its relationship to the people who live there as a primary rather than secondary consideration.

Finally, as we become more ecologically aware of our impact on the planet, we need to begin to ask how our urban green spaces benefit the environment --and the other species that share the land, water and air with us. How can public parks and trails support more biodiversity rather than create harmful impacts through monoculture lawns and herbicide-laden landscapes?

The Edina Promenade, Phase 4 has the potential to become a national model as an ecologically rich and aesthetically arresting corridor that can support diminishing pollinator and songbird populations. The Promenade will function not only as a trail for bikes and pedestrians, but as a wildlife corridor where people can observe, enjoy and get involved in the actual stewardship of the place through art projects that support life in urban green spaces.

An ongoing partnership between the City of Edina Parks Department, the Edina Art Center and the artists and residents of Edina puts into motion a dynamic place-making opportunity that, over time, could transform not only this area of Edina, but also shift the ways in which we approach creating public space into an interdisciplinary, collaborative and ultimately a community endeavor.



SUMMARY OF ACTIVITIES

The Edina Promenade Phase 4 project is the final phase of the Promenade Master Plan, which was envisioned in 2007. The Promenade design has been developed by URS in collaboration with the City of Edina. The vision for Phase 4 includes the integration of gathering sites, a new water feature and public art. The project has evolved to incorporate artful design into the infrastructure.

As the art consultant, I am working with a small planning group, the Public Art Working Group to focus on particular nodes of experience along the Promenade that incorporate public art, infrastructure, and water features with additional plantings of trees, shrubs, and perennials.

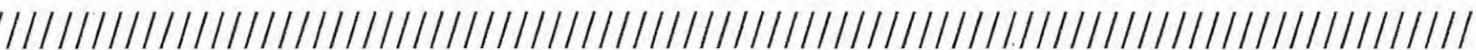
After an initial meeting at Edina City Hall on January 15th to learn about the project, I was invited by Ross Bintner to facilitate the refinement of the aesthetic vision in relation to the design as an art consultant for the Edina Promenade, Phase 4.

I had an initial meeting with Kathryn Ryan and Kurt Leuthold at Barr Engineering to look at the most recent version of the plan and to take into consideration some of the ideas developed at the meeting on February 11th, 2014. At that meeting, we were guided by the idea of telling the narrative of how water travels through a watershed. While that idea has continued to guide the plan, we will also emphasize the broader context of an ecological as well as bike corridor as an important consideration of the design.

I presented an overview of initial ideas to the Arts and Cultural Commission on February 25th. At that meeting, the committee agreed that we should form a small, nimble working group which includes Barbara La Valleur, Thomas Raeuchle, and Kitty O'Dea. This group would work closely with Michael Frey, Ross Bintner, Kurt Leuthold, Kathryn Ryan, and myself to further develop the vision. The Public Art Working group met on March 11th, March 25th and after the delay of the project, on December 2nd to offer suggestions on the development of the plan in light of some of the changes and to make recommendations about other features, artists, and materials.

My role as the Art Consultant in the Promenade, Phase 4 has included:

- Building on the existing Promenade Master Plan (2007)
- Guiding and coordinating an overarching thematic vision and the related artworks/artful infrastructure Design with the working group and URS.
- Consider how art/artful features can continue to be integrated in the Promenade as funding opportunities become available.
- Coordinate with the City of Edina Departments of Engineering and Parks and Recreation, the Edina Art Center and the Arts and Culture Commission and its Public Art Working Group; URS and Barr Engineering.



DEVELOPMENT OF IDEAS

The Edina Promenade, Phase 4 is the transformation of an existing bike and walking trail into a high quality recreational, art, and ecological corridor.

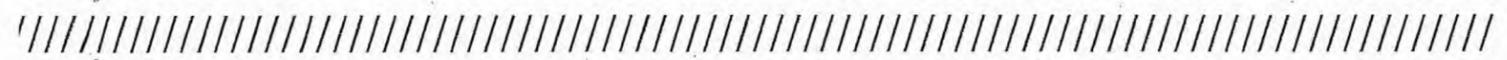
Guiding ideas of the Art/Artful Design Plan:

- Making the invisible visible
- Creating vivid, memorable, and educational experiences of water
- Attention to natural materials
- Creation of gathering spaces where people can gather and relax
- Attention to connections between the Promenade and the Centennial Lakes and Nine Mile Creek Watershed District
- Integrate art and artful design into the entire design
- An educational amenity that can be a conduit for information about the history and ecology of Edina

Specific ideas generated by the Edina Phase 4 Artful Design Working Group:

The Edina Art Center is a significant public art asset to the City of Edina and provides a key resource for the Promenade Phase 4 Art Plan, if additional arts funding can be secured. The presence of an already existing and extremely robust public art program through the Edina Art Center provides a number of unique opportunities both in terms of acquiring existing art that has been part of the Public Art Program and facilitation of possible workshops and open calls that will lead to the creation of new work for the Promenade. (<http://edinamn.gov/index.php?section=edina-art-center>).

- Reflections and Reflective surfaces
- Stone as a predominant material (related to the history of the gravel pits)
- Water being audible and visible (but not splashing, reduced contact)
- Artful design incorporated into infrastructure (grates, runnels, manhole covers)
- Natural aspects to the design (naturalized edges) and attention to the changes with time/seasons
- Softening the hard edges of the design along the Promenade and creating more gradual transitions between the hardscape and the landscape



- Different color concrete for bike pathway through the length of Phase 4
- Creating welcoming spaces that are comfortable (by providing shade, opportunities to sit, eat, park bikes, view and interact with art and natural surroundings)
- Landscape features that have seasonal interest all year
- Opportunities for local artists and residents to be involved creating in temporary creatively designed habitat through workshops (birdhouses, insect houses, bee baths) facilitated by Edina Art Center
- Opportunities for local artists and residents to create manhole cover design through an open call and juried competition
- Creating an ecological corridor through native plantings and trees to better support more biodiversity (pollinators, songbirds)

Main opportunities of art/artful design opportunity:

- North Plaza/Gathering Circle
- Stream/Creek Bed Channel
- Pond and Overlook
- South Plaza/Gathering Circle



RECOMMENDATIONS

The working group has discussed a number of ideas at particular nodes. The following includes these specific areas and ideas that could be incorporated to create a more welcoming and aesthetic experience that integrates art and water features.

North Plaza/Gathering Area

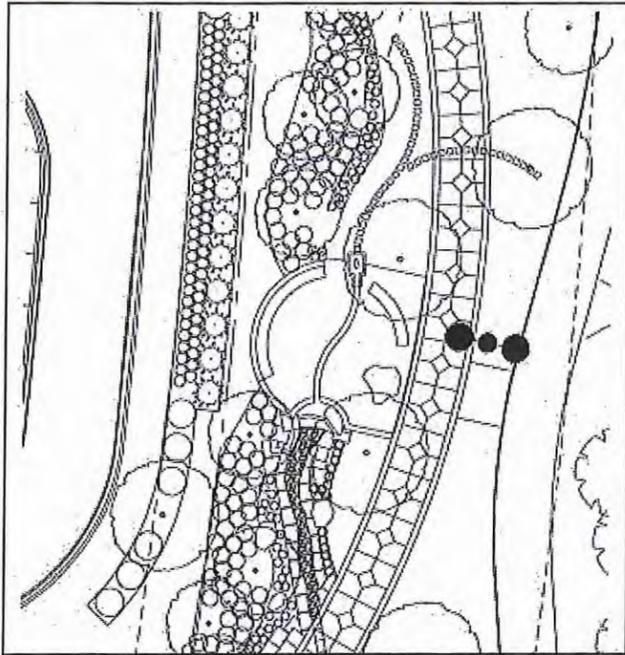


Figure 1 - Gathering Space - image courtesy of URS

The small gathering plaza will include an artistic feature that represents the "source. URS landscape architect Kathryn Ryan has suggested that the water emerge between a "crevice" of two rectangular rocks and flow around a rock feature. (Figure 2)

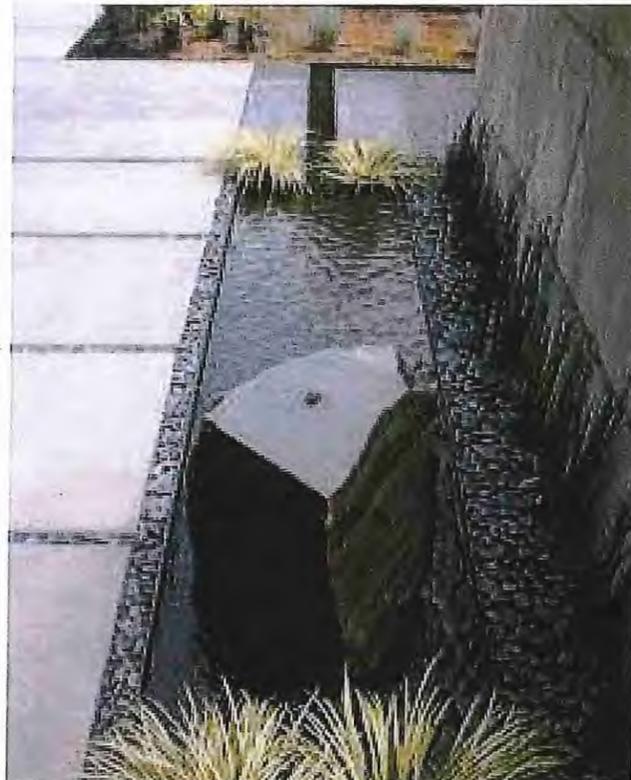
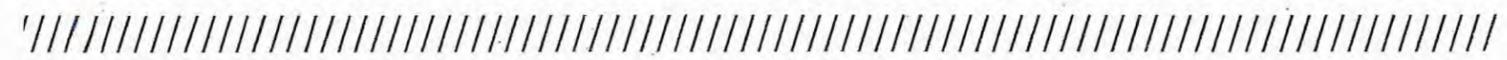


Figure 2



NORTH PLAZA/GATHERING AREA, CONT.

The Ground plane for the gathering circle and the second circle smaller gathering circle will be an imprinted concrete to simulate slate. This is recommended for maintenance issues. The team recommends English Sidewalk Slate.



Figure 3



NORTH PLAZA/GATHERING AREA, CONT.

Curved flat stone benches will partially surround the gathering circle to provide seating.

The materials will be repeated at the South Plaza/Gathering Circle (where the water disappears into the underground system) to tie the two spaces together.

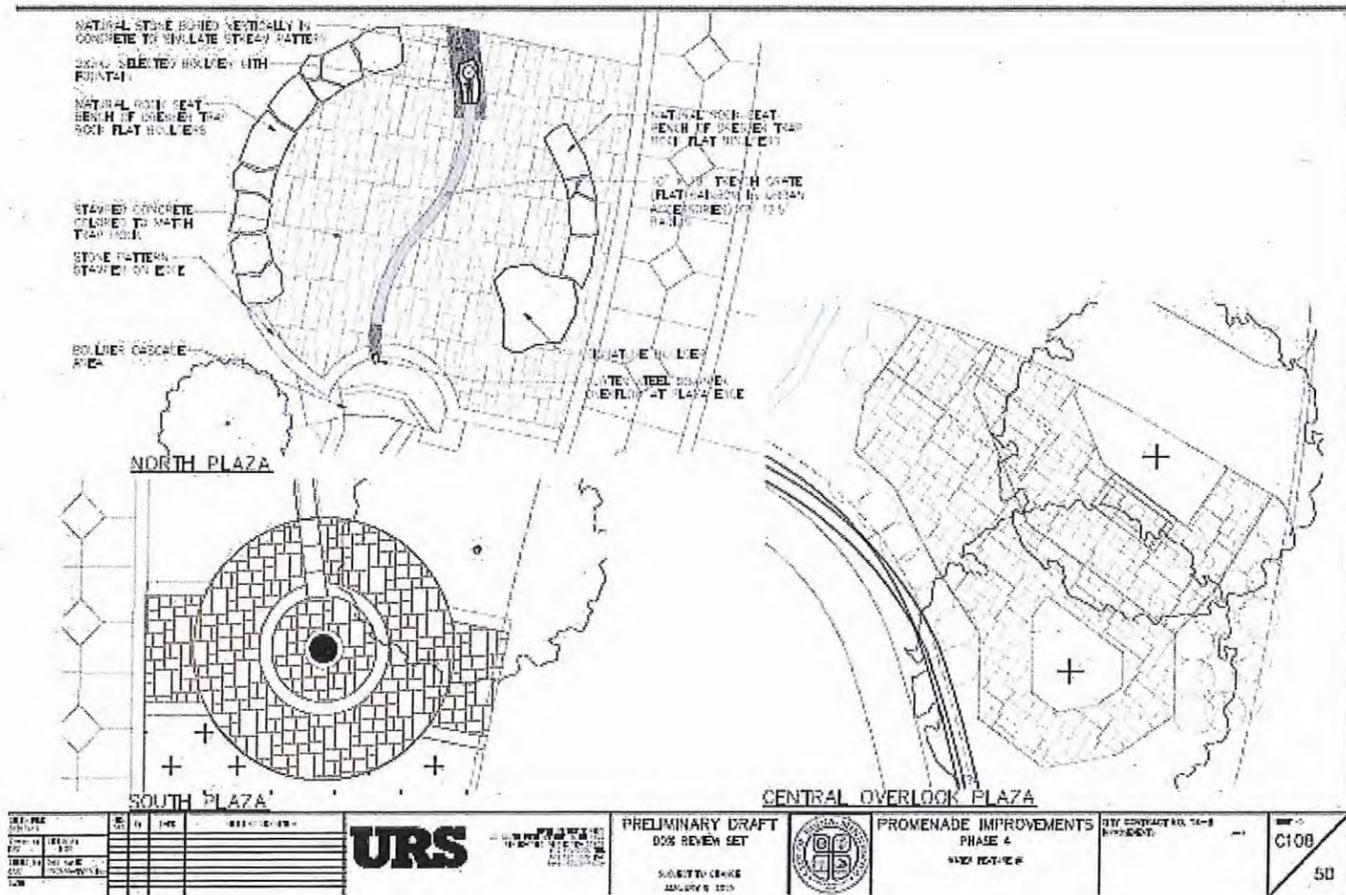
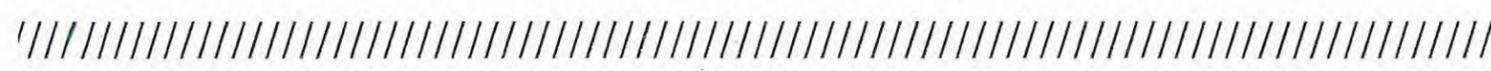


Figure 4



STREAM CHANNEL

The water will flow under the small circular plaza beneath a decorative metal runnel that represents waves. (Urban Accessories, <http://www.urbanaccessories.com/product-categories/trench-grates>) (Figure 5)



Figure 5



Figure 6



STREAM CHANNEL SPILLWAY

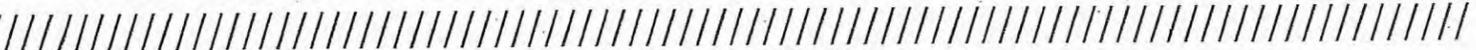
The water will exit at the far side of the plaza and cascade over a single Corten wall and scupper into an open channel below. The water would then flow into an open channel "creek bed" after flowing out of the scupper. Actual or "printed" river rock would provide a textured surface to the bottom of the channel. It will have flowing water in the summer months and the texture will provide winter interest.



Figure 7



Figure 8 - Example of possible rock arrangement in channel

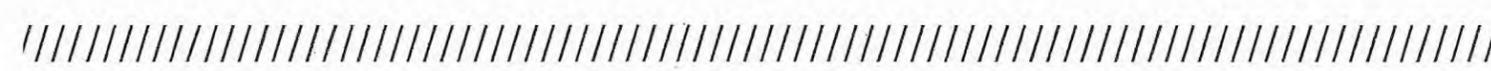


OVERLOOK AND POND

The pond area is an important amenity in the design, as it will provide a larger area of open water along the Promenade. The working group recommended that the edge be naturalized and softened through the incorporation of rock. This is similar to the design for Burnsville's Heart of the City. (Figure 9)



Figure 9



OVERLOOK AND POND CONT.

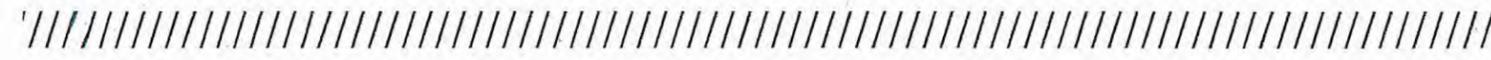
Rocks would be placed in a dispersed manner in the pond (reminiscent of a Japanese rock garden). (Figure 11) Budget permitting, some of these rocks could be plumbed so that, during warmer months, water could spout out of the rocks. (Figure 12)



Figure 11



Figure 12



ROCK GARDEN IN POND

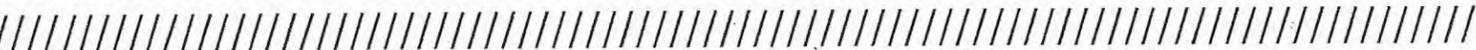


Figure 13

We are considering using natural rock from Trapper Rock for the key stone pieces. If an additional art funding becomes available, rock could be shaped and plumped. If funds are not available, rock can remain natural. River rock will be visible at the bottom of the pond after the pond is drained in the winter months (when not covered with snow).



Figure 14



EXISTING PUBLIC ART FOR PURCHASE

Oxymoron (Figure 15) was the People's Choice Award first place winner for 2013. It is by Bruce Stillman, whose original price was \$40,250 and who has reduced the price to \$25,000. Should arts funding become available, There is strong support to bring the piece back to the site, as it would fit in well with the themes of the design.

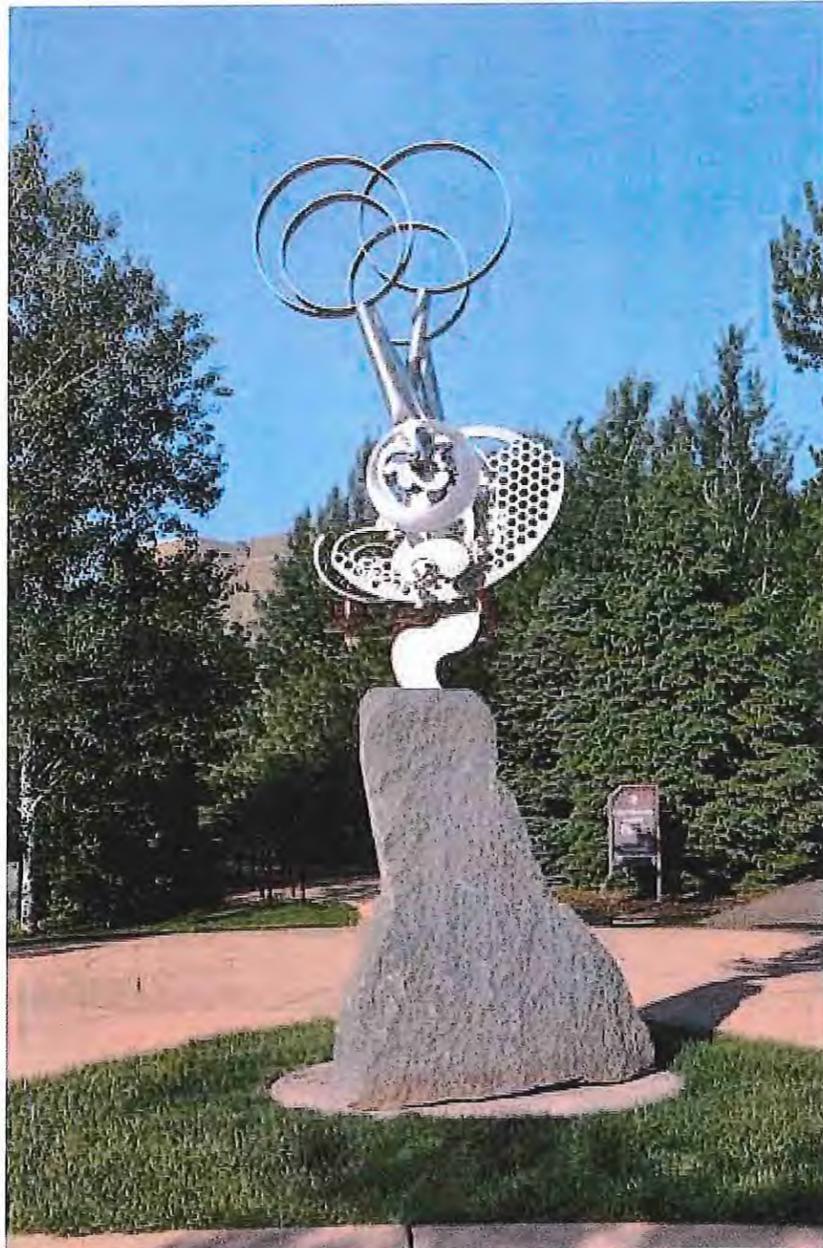
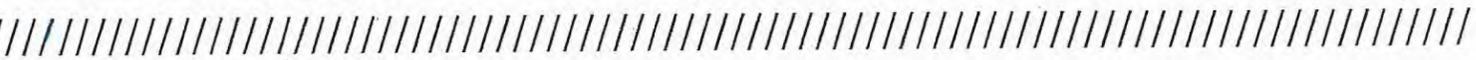


Figure 15



EXISTING PUBLIC ART (DONATED)

Three Dancing Sandhill Cranes (Figure 16) by Wisconsin artist Jim Dehne could be incorporated in or at the edge of the pond (The cost of one crane is \$2,500 for one and \$6,500 for all three. Typically, if pieces are purchased during the exhibit time, there is a reduction in cost. Given that this piece placed 2nd in the People's Choice Awards, the group of sculptures will remain as part of The Promenade expansion until May 2016.

The Minnesota Eco Turtle (Figure 17) by Kathy Gustafson, of Bemidji, was the 2009 People's Choice third place award. It was a gift to the City from the Edina Public Art Committee and is currently on The Promenade and could be moved to the Phase 4 area. Minnesota birds, animals, trees and flowers are represented on the piece.

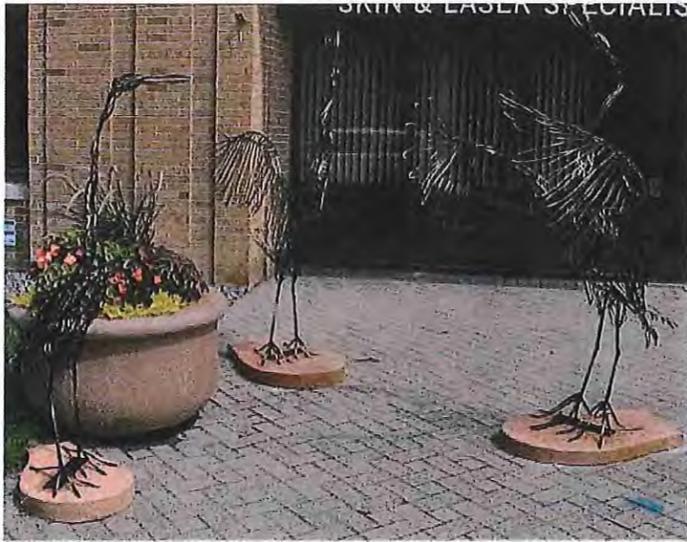


Figure 16

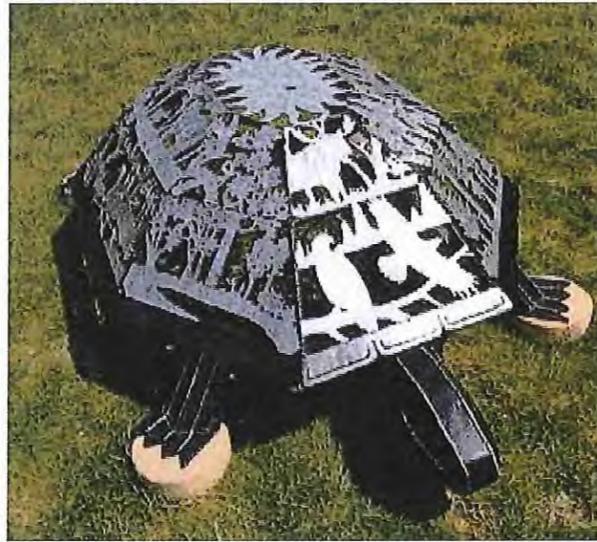
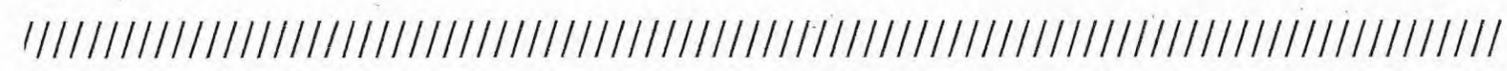


Figure 17



PUBLIC ENGAGEMENT ART OPPORTUNITIES

Manhole Cover Design Competition

If manhole features are included manhole covers could be designed through an open call for designs. An informational workshop could be held at the Edina Art Center. This could also be an opportunity to educate people about storm water and the ways in which we can make people aware of water under the surface of our urban landscape.

An excellent example of this type of public art engagement has been developed by the City of Vancouver, which holds an art contest to allow its artists and citizens to create designs.

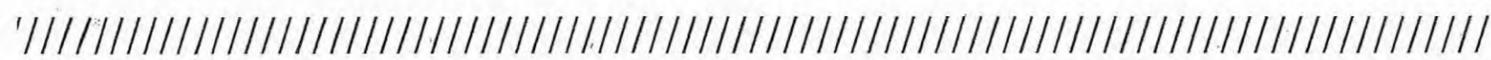
<http://www.ironcladart.ca/>

IRONCLAD ART
MANHOLE COVER DESIGN CHALLENGE

Home Submission Gallery Top 30 Designs Jury & Prizes Sewer System Past Examples

Thousands of manhole covers dot Vancouver, but these heavy cast-iron disks often go unnoticed. Designs submitted by artists of all levels from across Vancouver could change this! Ironclad Art is an opportunity to showcase creative contributions to Vancouver and have artwork immortalized in iron on city streets for up to 100 years.

Figure 18



PUBLIC ENGAGEMENT ART OPPORTUNITIES, CONT

Art as Habitat

With the introduction of more wildlife and pollinator friendly plantings as part of the Edina Promenade Phase 4 project, an opportunity for local artists and residents to create artistic and imaginative habitat, such as bird houses, bat houses and wild bee habitat. Workshops at the Edina Arts Center could host wildlife wood working experts, such as Carroll Henderson to instruct people on how to build birdhouses. These birdhouses could be placed in the Promenade as temporary art works that could provide habitat for songbirds.



Figure 21

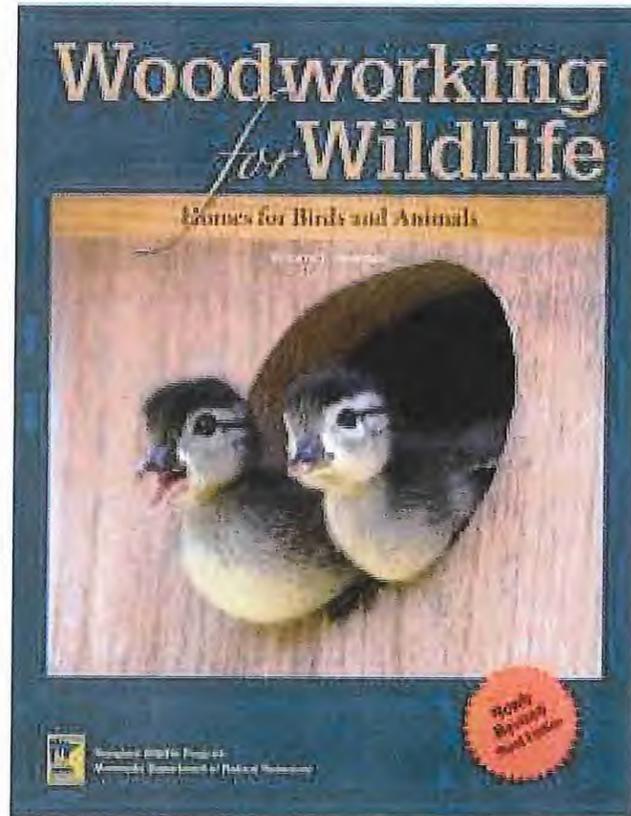
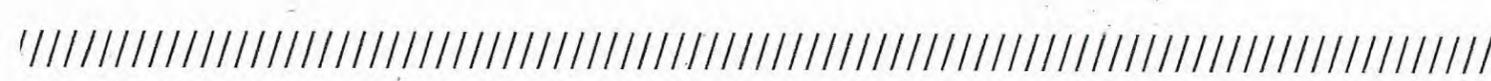


Figure 20



PLANTINGS TO CREATE AN ECOLOGICAL CORRIDOR

The plantings of native plants and flowering trees will create a friendlier habitat for pollinators and songbirds along the Promenade. Islands of more densely planted natives can create additional habitat and shelter in contrast to manicured lawn.

This area of the Promenade could potentially be corridor to educate visitors about what is unique about Edina's ecology.

The benefits of green corridors are more than just an urban beautification:

In many cases, it's likely that the social benefits of corridors will match or outweigh the ecological benefits in urban landscapes.

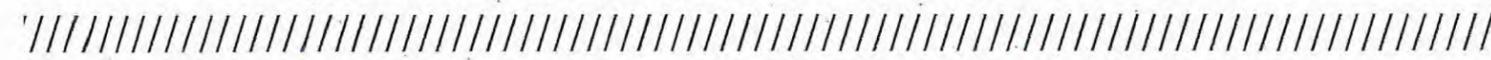
Corridors have an amazing way of galvanizing public interest in conservation and can help connect people with nature.

Thus, green corridors are an ideal form of green infrastructure for achieving multiple environmental and social objectives simultaneously.

Do Urban Corridors Work, Nature of Cities Forum, <http://www.thenatureofcities.com>



Figure 22

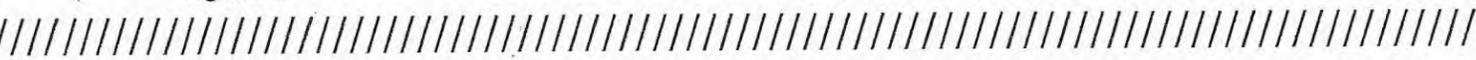


ART AS HABITAT

Wild bee habitat sculpture



Figure 23



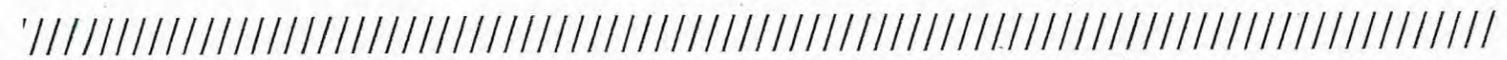
“LIGHT” INFRASTRUCTURE

Sun sails for shade

Sun sails can be used as an economical and flexible way to provide shade near the gathering spaces or the pond to provide shade for visitors. Depending on available budget, sun sails can be purchased pre-made or custom made.



Figure 24

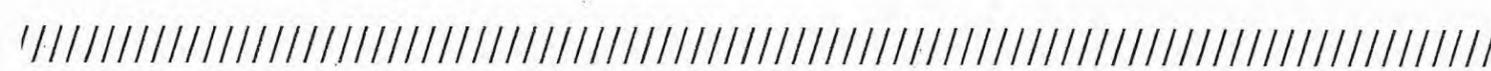


“LIGHT” INFRASTRUCTURE, CONT.

Artists could be commissioned to create temporary artful shelters that could provide shade. For example, Minneapolis based artist Kelly English has developed semi-permanent shade and gathering structures.



Figure 25



"LIGHT" INFRASTRUCTURE, CONT.

Movable chairs and tables

Chairs and tables that can be physically lifted and moved by visitors are becoming increasingly popular in public spaces and parks. While there is a perception that these might be stolen, there has been surprisingly a low incidence of theft in places that movable chairs are being deployed. Currently there are plans for movable chairs in the upcoming redesign of the Nicollet Mall. (Figures 26, 27)

Articles about Movable chairs:

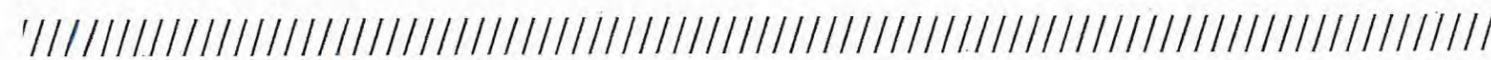
<http://www.theatlanticcities.com/design/2012/10/power-movable-chair/3520/> <http://provocationutah.wordpress.com/2012/10/12/why-no-moveable-chairs/>



Figure 26



Figure 27



ADDITIONAL RECOMMENDED AMENITIES



Figure 28

Water Bottle Filling Station and Dog Watering Feature

Another valuable amenity to the Promenade would be a water station where people could refill water bottles and dogs on a walk could get a drink. This would also encourage the use of reusable water bottles and reduce waste. (Figure 29)

Bike Racks and Bike Shelters

Artistic bike racks/bike shelters could provide a valuable amenity, allowing people to take a break from biking and enjoy the Promenade on foot.

Bike racks could be designed by artists. There are also bike shelters that provide shelter from rain. (Figure 28)



Figure 29



FINANCIAL PLAN

Many of the aesthetic place making design elements are already incorporated into the project budget. The following are potential project add-ons or next steps and include public art purchase and art engagement recommendations as well as potential funding sources.

The art working group would like to recommend the purchase of several existing pieces that would fit well into the proposed design in terms of materials and themes. These pieces were both recipients of awards through Edina's Public Art Program

Public Art recommended purchases

\$25,000 *Oxymoron, Bruce Stillman*, (original price was \$40,250, artist has reduced the price)

\$6,500 *Three Dancing Sandhill Cranes*, Jim Dehne (for three cranes)

\$31,500 for public art purchases

Engaged Public Art Opportunities

Manhole Cover Design Competition

Cost of facilitating the program would depend on administrative costs to the Edina Art Center to put forward an online call, hold a workshop (in partnership with Nine Mile Creek Watershed District?) and jury the final designs. The City of Vancouver provides an excellent model for the online call.

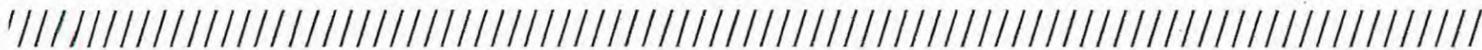
The cost of the actual fabrication could be incorporated into the Edina Promenade Phase 4 construction costs. Temporary covers could be used until the competition has commenced. This project could extend beyond the Edina Promenade Phase 4 site and be a way to tie the site into the public works Infrastructure in other parts of Edina.

Art Birdhouse Workshop

Cost of facilitating this opportunity would depend on administrative costs to the Edina Art Center to organize the event. There would be a cost of materials to fabricate the materials and instructors to help facilitate the workshops.

Additional Amenities

Chairs, sunsails, bike racks, water fountains and other "light" infrastructure amenities needs and costs will be determined after the completion of the hardscape infrastructure and landscaping. Funds to support these features will be applied for through several place-making grants. These grants and deadlines are described on the following page:



GRANTS FOR PLACEMAKING FEATURES

For additional arts funding, I would recommend investigating the NEA Our Town and Art Works grant as well as the Art Place grant for the funding of the project elements in 2016.

Our Town

Art works to support creative, economically-competitive, healthy, resilient, and opportunity-rich communities. Excellent art is an essential part of building a strong community, as important as land-use, transportation, education, housing, infrastructure, and public safety. Artists and community development practitioners across our nation --sometimes one and the same, sometimes working together -- are striving to make places more livable with enhanced quality of life, increased creative activity, a distinct sense of place, and vibrant local economies that together capitalize on their existing assets. The NEA defines these efforts as Creative Placemaking.

Through Our Town, subject to the availability of funding, the National Endowment for the Arts will provide a limited number of grants for creative placemaking projects that contribute towards the livability of communities and help transform them into lively, beautiful, and resilient places with the arts at their core. Our Town prioritizes partnerships between arts organizations and government, private, and nonprofit organizations to achieve livability goals for communities.

Our Town offers support :

Arts Engagement, Cultural Planning, and Design Projects that represent the distinct character and quality of their communities

Through Our Town projects, the NEA intends to achieve the following outcome: Livability: American communities are strengthened through the arts. See "Intended NEA Outcome" for more details.

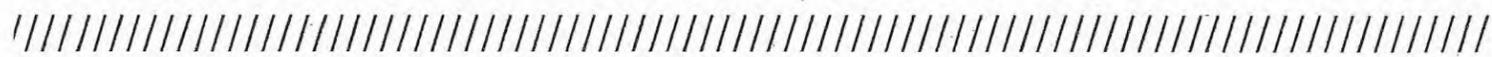
Go to our new Exploring Our Town online resource, which includes case studies of more than 60 Our Town grants with an insights section of lessons learned.

See more at: <http://arts.gov/grants-organizations/our-town/introduction#sthash.8vEWHLxA.dpuf>

Art Works

<http://arts.gov/grants/apply-grant/grants-organizations>.

To support the creation of art that meets the highest standards of excellence, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts. Matching grants generally range from \$10,000 to \$100,000.



GRANTS FOR PLACEMAKING FEATURES, CONT.

Art Works, cont.

Deadline: February 19, 2015
Notification: November 2015
Earliest Start Date: January 1, 2016

Deadline: July 23, 2015
Notification: April 2016
Earliest Start Date: June 1, 2016

See more at: <http://arts.gov/grants/apply-grant/grants-organizations#sthash.v0LGTLCl.dpuf>

Art Place

<http://www.artplaceamerica.org/about/>

ArtPlace America (ArtPlace) is a ten-year collaboration that exists to position art and culture as a core sector of comprehensive community planning and development in order to help strengthen the social, physical, and economic fabric of communities.

ArtPlace focuses its work on creative placemaking, the set of practices in which art and culture work intentionally to help to transform a place. ArtPlace has four core areas of activity: it manages a national grants program that supports creative placemaking projects in communities of all sizes; it will extend this work by investing more deeply through multi-year investments in 5 communities; it seeks to understand, document, and disseminate successful creative placemaking practices through its research strategies; and it works to connect practitioners, organizations, and communities with one another.

