

March 12, 2014

Mr. Richard Keener, P.E. Moody Nolan 4415 Euclid Avenue – Suite 100 Cleveland, Ohio 44103

Re: Cleveland School of the Arts – Cleveland, Ohio Stormwater Management and Connection Approval

The Northeast Ohio Regional Sewer District (NEORSD) is in receipt of plans submitted by Moody Nolan for the referenced project. The project includes the proposed redevelopment of a school building and surrounding walks and pavement with a drainage area of approximately 7.75 acres, located along Stearns Road north of Carnegie Avenue and south of Deering Avenue in the City of Cleveland. The site is tributary to CSO-224.

Stormwater Management

Under the proposed stormwater management plan, a portion of the site drains to the 20-inch combined sewer that crosses the site along the vacated alignment of E. 109th Street and is owned by the City of Cleveland and a portion drains to the NEORSD's No. 5 brick Doan Valley Interceptor (DVI). While the project does not change the sewershed of CSO-224, the proposed configuration preserves opportunities for removing a significant portion of the site's stormwater runoff from the combined sewer system during the anticipated future phase of development. The NEORSD would like to explore these possibilities as plans emerge.

The proposed stormwater management design for the site must meet the current NEORSD Title IV Combined Sewer Code requirements, detailed in the previously-provided guidance document, *Submittal Requirements for Connections to the Combined Sewer System – Guidelines for Review and Approval.*

We appreciate your cooperation and the District has no objection to the stormwater management plan for this project.

Sewer Connections

The NEORSD hereby authorizes the connection to the DVI provided the following conditions are met:

• The contractor shall provide pre-construction and post-construction video inspection of the existing sewer showing footage measurement from either the upstream or the downstream manhole and extending a minimum of twenty feet past the connection points. The former shall be submitted to the NEORSD for approval.

3900 Euclid Avenue | Cleveland, OH 44115 | P: (216) 881-6600 | F: (216) 881-2738

- The connection shall be made through a properly sized cored hole. If the connection is to a reinforced concrete or vitrified clay pipe then the lateral shall be connected to the sewer using a manufactured boot that makes a watertight connection. If the connection is to a brick sewer then the lateral shall be connected by wrapping a waterstop material such as a Volclay RX101 or equal around the lateral, 2 wraps minimum in accordance with the attached detail. If waterstop material is used, the annular space between the sewer wall and the lateral shall be filled with hydraulic cement. Either type of connection shall then be encased in concrete.
- The contractor shall provide a watertight connection to the existing lateral and encase the connection in concrete.
- The owner shall warrant that the connection will be watertight for a period of one year.
- The contractor is responsible for any and all damage to the sewer as determined by the NEORSD.
- The contractor shall prevent any debris from entering the sewer. Any debris entering the sewer shall be removed by the contractor.
- The contractor is responsible for obtaining any and all permits required for the work.
- The Engineer shall provide an "as-built" drawing of the connection upon on completion of the work.
- A 72-hour notice shall be provided to Sewer System Maintenance and Operation (SSMO) Infrastructure Support at 216-641-6000, ext. 2326, to schedule an NEORSD inspector for the connection.

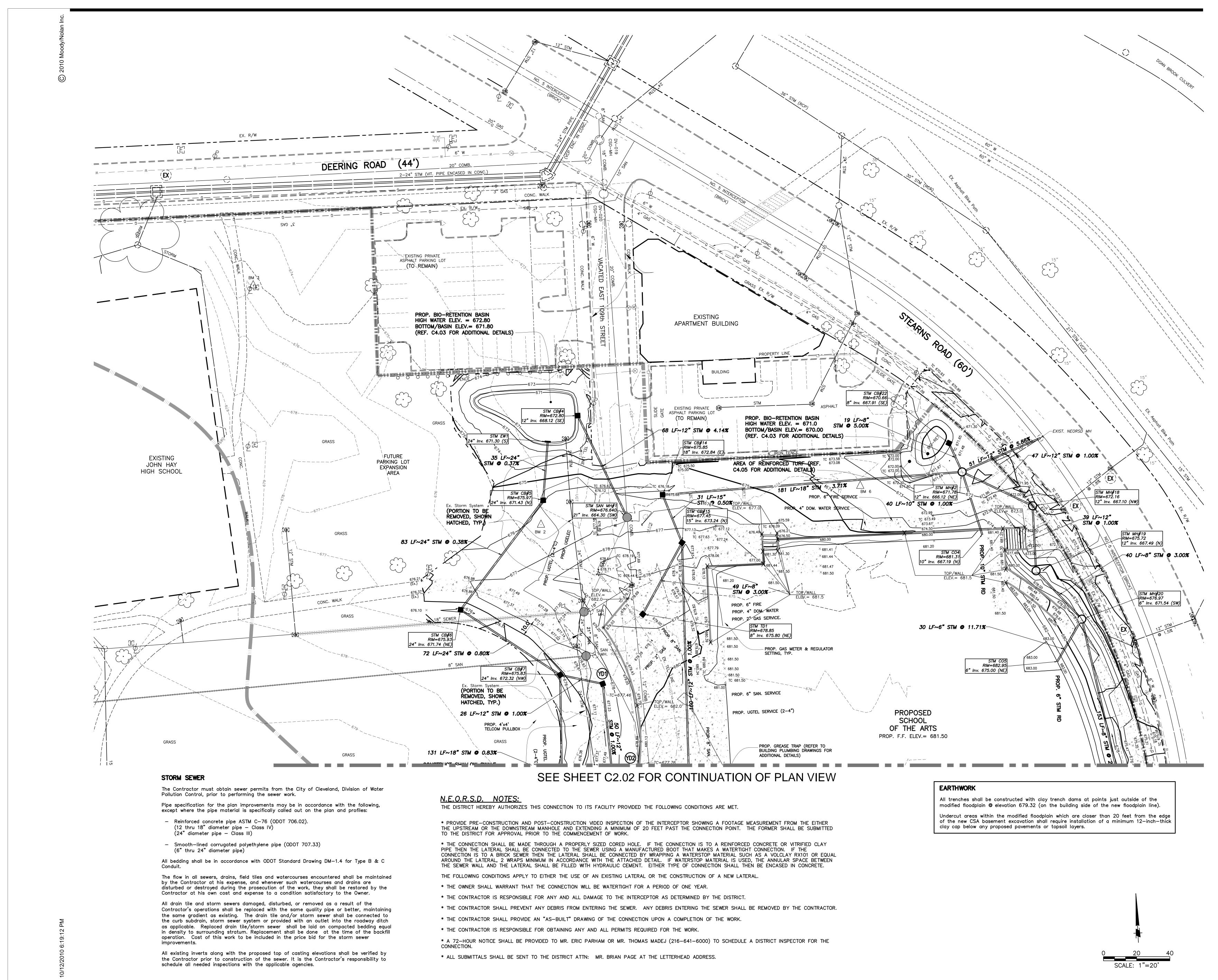
If you have any questions, please feel free to contact me at ext. 6466.

Sincerely,

May Mainprosidi

Mary E. Maciejowski, Permit Program Manager

C: Elie Ramy/Cleveland WPC Fred Rodgers, OHGR Anne Hartman, Moody Nolan Doug Lopata, NEORSD Kyle Dreyfuss-Wells, NEORSD Betsy Yingling, NEORSD Dave Ritter, NEORSD File



CLEVELAND METROPOLITAN SCHOOL DISTRICT Vision to Victory CLEVELAND METROPOLITAN CLEVELAND Vision to Victory Cleveland School for the Visual and Performing Art 2064 STEARNS ROAD, CLEVELAND, OHIO 44106 FOR: Cleveland Metropolitan School District				
P: \09694 CSA\CADD\box 4415 Euclid Avenue Suite 100 Cleveland, Ohio 44103	rder-info\MN-1328890.bmp Phone: (216) 432-0696 Fax: (216) 432-1699 www.moodynolan.com	PROTOSONAL		
Dwg. Coord.: DAS	Tech. Coord.: MSL	09694		
SITE GRA		C2.01 04/29/13		

Change Description

CONSOLIDATION SET + RFI RESPONSES

2/21/14 RFI #00110 NEORSD SUBMITTAL

Date



4747 East 49th Street, Cuyahoga Heights, Ohio 44125 Phone: 216.641.6000 Email: permits@neorsd.org

SEWER CONNECTION PERMIT

PERMIT NO:						
20140010						
DATE:						
Jul 15, 2014						

Subject to the terms and conditions printed on the approval letter referenced below, permission is granted to:					
APPROVAL LETTER NAME:	ROVAL LETTER NAME: Cleveland School of the Arts - Cleveland, Ohio Stormwater Management and Connection Approval				
COMMUNITY:	Cleveland		2064 Stearns Road, Cleveland OH 44106		
ISSUED TO:	Mr. Richard Keener, P.E. Moody Nolan	SITE ADDRESS:			
SEWER CONNECTION INFORMATION					
SEWER LAYER/CONTRACTOR:	Chieftain Trucking and Excavating	SIZE/MATERIAL:	12" Ductile Iron		
WYE OR LATERAL 0 (DISTANCE)	FEET N/A	FROM REFERENCE MANHOLE DVC00050 (ASSET ID)			
REFERENCE MH SURVEY COORDINATES: N: 670052.39 E: 2212517.15					
COMMENTS: Contractor filled annular space between new D.I.P. pipe and brick MH with hydraulic cement from outside of					
barrel. Contractor then for WYE OR LATERAL DETAILS:	rmed concrete collar around new	D.I.P. pipe on outsi	ide of barrel.		
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INSPECTED BY: (NAME / DATE)	- A. Parore	A	. Parone Aug. 21, 2014		



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SEWER CONNECTION PERMIT

PERMIT NO: 20140010 DATE: Jul 15, 2014

