

O&G Industries, Inc.
 112 Wall Street, Torrington CT
 Tel: (860) 489-9261

CONTRACT CHANGE ORDER

Project: Oxford Middle School
 To: **Town Of Oxford**

Robert Slie
 486 Oxford Road
 Oxford
 CT 06478

Change No.: **PCO 120**
 Change Name: RFI 404 Proposed 4" underdrain at ballfield
 Contract No.: 2011400
 Contract Name: Town Of Oxford
 Change Date: 11/17/20
 Change Amount: **12,511.00**
 Schedule Impact: **0.00** Days

Description:

This PCO is for the adding 4" underdrain in the infield to improve the field drainage after the clay is added per SK-CS101.6.

CE 129
 Out of Scope

Contract Change Items			
Change Item No.	Change Event Item No.	Name	Amount (USD)
0001		Site Trade Contractor	12,120.00
0002		GL and EL Insurance	103.00
0003		CM Fee	215.00
0004		P&P Bonds - CM/GC	73.00
Total:			12,511.00

Tecton Architects

Construction Solutions Group, LLC

By: _____

By: _____

Date: _____

Date: _____

Town Of Oxford

O&G Industries, Inc.

By: _____

By: _____

Date: _____

Date: _____

Gus Kotait
O&G INDUSTRIES, INC.

Oxford - baseball field Modifications
REQUEST FOR INFORMATION

11/13/2020
O&G-RFI-000404

Gus Kotait
O&G INDUSTRIES, INC.

Fwd: Oxford - baseball field Modifications
GENERAL CORRESPONDENCE

11/13/2020
O&G-GNC-000741



Oxford Middle School
State Project #108-0043 N



MAIL TYPE
Request For Information

MAIL NUMBER
O&G-RFI-000404

REFERENCE NUMBER
O&G-RFI-000404

Oxford - baseball field Modifications

From Gus Kotait - O&G Industries, Inc.

To Alison Fredericks - Tecton

Cc (3) Mr Tim Griffing - Fuss & O'Neill, Inc. (+2 more...)

Sent Friday, November 13, 2020 10:44:40 AM EST (GMT -05:00)

Respond by **11/16/20**

Status **Overdue**

DETAILS

Request Per review with the site contractor, they are concerned that the new design of crowning the clay on the infield per SK CS 101.6 will prevent the water from traveling through the infield to the wall on the west end of the site to drain as was originally designed. The water from the outfield will be trapped and will puddle at the edge of the infield. Some additional drainage or modifications to the existing drains may want to be reviewed and designed prior to completing this added ballfield work.

Cost Impact Yes

Schedule Impact Yes

Request Attachment Yes

Reference Document SK CS 101.6

Proposed Solution Excavating down to the existing drain and bringing the stone for the drain to a grade just below the topsoil may be an option.

FILE ATTACHMENTS (1)

File Name

 SK-CS101.6 (2).pdf

MESSAGE

**Gus Kotait**

Project Manager, O&G Building Group

O&G Industries, Inc.

Oxford Middle School Project

40 Great Oak Road., Oxford, CT 06478

M: (860) 625-9349

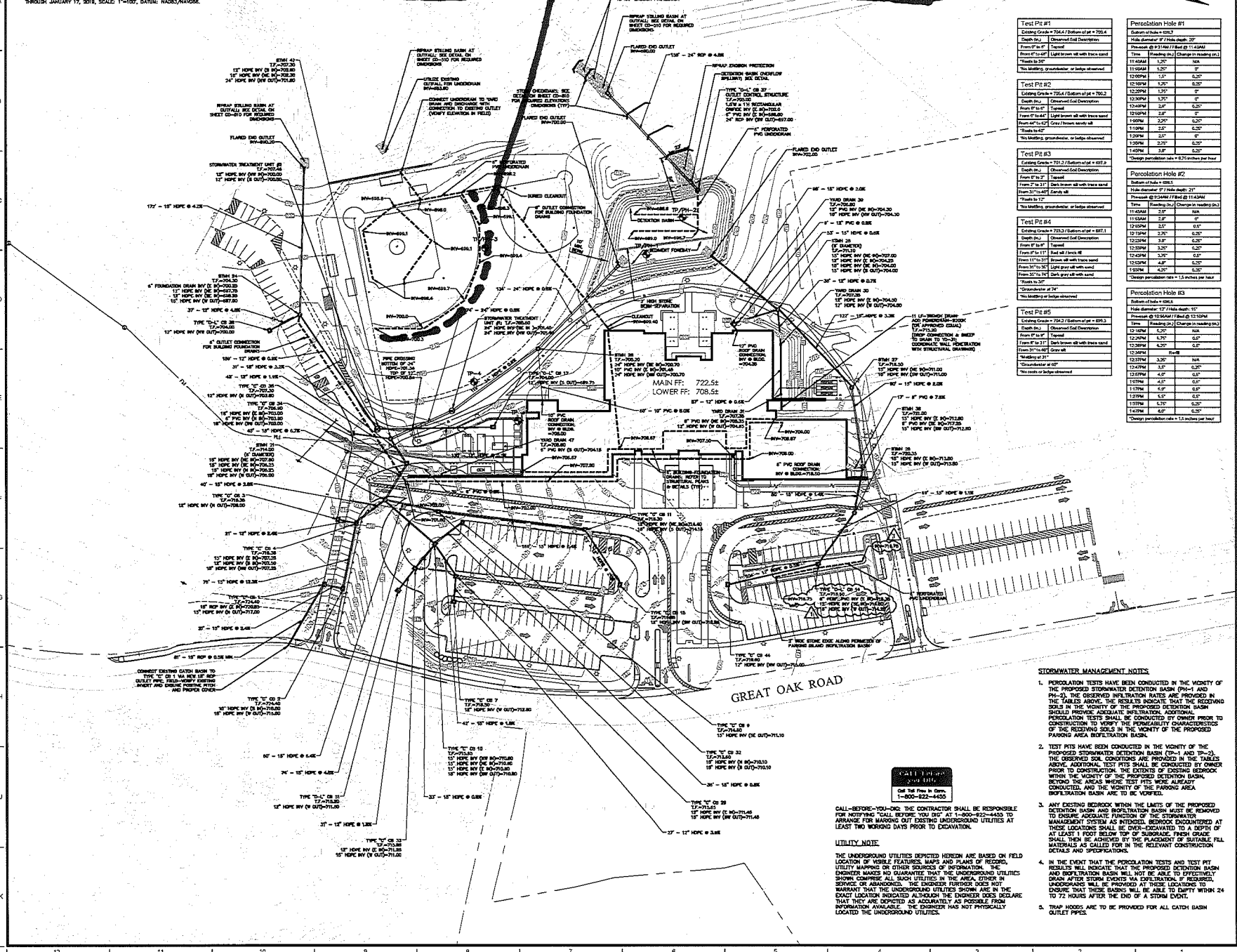
Online at www.ogind.com*O&G Industries is an Equal Opportunity Employer*

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SURVEY MAP REFERENCE:

TOWN OF PROPERTY OF 50 GREAT OAK ROAD, OXFORD, CONNECTICUT, PREPARED FOR THE TOWN OF OXFORD, PREPARED BY ACCURATE LAND SURVEYING, LLC, SHEET 11 OF 11, DATED DECEMBER 28, 2016, REVISION THROUGH JANUARY 17, 2018, DATUM: NAD83/NAVD83.

PROPOSED NEW 4" UNDERDRAIN JUST BELOW TOPSOIL



Test Pit #1	Percolation Hole #1
Existing Gravel 3.0' Bottom of pit = 704.4	Existing Gravel 4.0' Bottom of hole = 704.4
Depth (ft) = 1.0'	Observed Soil Description = 1.0-3.0'
Time = 1.0'	Permeability (ft/hr) = 1.0
This Method: granular, or ledge observed	Flow Rate (ft³/min) = 0.0
Test Pit #2	Percolation Hole #2
Existing Gravel 1.5' Bottom of pit = 704.2	Existing Gravel 4.0' Bottom of hole = 704.2
Depth (ft) = 1.5'	Observed Soil Description = 1.0-3.0'
Time = 1.5'	Permeability (ft/hr) = 1.0
This Method: granular, or ledge observed	Flow Rate (ft³/min) = 0.0
Test Pit #3	Percolation Hole #3
Existing Gravel 1.5' Bottom of pit = 703.9	Existing Gravel 4.0' Bottom of hole = 703.9
Depth (ft) = 1.5'	Observed Soil Description = 1.0-3.0'
Time = 1.5'	Permeability (ft/hr) = 1.0
This Method: granular, or ledge observed	Flow Rate (ft³/min) = 0.0
Test Pit #4	Percolation Hole #4
Existing Gravel 1.5' Bottom of pit = 702.1	Existing Gravel 4.0' Bottom of hole = 702.1
Depth (ft) = 1.5'	Observed Soil Description = 1.0-3.0'
Time = 1.5'	Permeability (ft/hr) = 1.0
This Method: granular, or ledge observed	Flow Rate (ft³/min) = 0.0
Test Pit #5	Percolation Hole #5
Existing Gravel 1.5' Bottom of pit = 693.3	Existing Gravel 4.0' Bottom of hole = 693.3
Depth (ft) = 1.5'	Observed Soil Description = 1.0-3.0'
Time = 1.5'	Permeability (ft/hr) = 1.0
This Method: granular, or ledge observed	Flow Rate (ft³/min) = 0.0

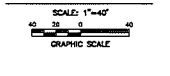
STORMWATER MANAGEMENT NOTES:

1. PERCOLATION TESTS HAVE BEEN CONDUCTED IN THE VICINITY OF THE PROPOSED STORMWATER DETENTION BASIN (PH-1 AND PH-2). THE OBTAINED INFILTRATION RATES ARE PROVIDED IN THE TABLES ABOVE. THE RESULTS INDICATE THAT THE RECEIVING SOILS ARE OF A HIGH TO MEDIUM PERMEABILITY. ADDITIONAL PERCOLATION TESTS SHOULD BE CONDUCTED BY OTHER PERSONS TO VERIFY THE PERMEABILITY CHARACTERISTICS OF THE RECEIVING SOILS IN THE VICINITY OF THE PROPOSED PARKING AREA BIOTRANSFORMATION BASIN.
2. TEST PITS HAVE BEEN CONDUCTED IN THE VICINITY OF THE PROPOSED STORMWATER DETENTION BASIN (PH-1 AND PH-2). THE OBTAINED SOIL CONDITIONS ARE PROVIDED IN THE TABLES ABOVE. ADDITIONAL TEST PITS SHALL BE CONDUCTED BY OTHER PERSONS TO VERIFY THE PERMEABILITY CHARACTERISTICS OF THE RECEIVING SOILS IN THE VICINITY OF THE PROPOSED PARKING AREA BIOTRANSFORMATION BASIN. TEST PITS WERE ALREADY CONDUCTED, AND THE VICINITY OF THE PARKING AREA BIOTRANSFORMATION BASIN ARE TO BE WORKED.
3. ANY EXISTING BEDROCK WITHIN THE LIMITS OF THE PROPOSED DETENTION BASIN AND BIOTRANSFORMATION BASIN MUST BE REMOVED TO ENSURE ADEQUATE FUNCTION OF THE STORMWATER MANAGEMENT SYSTEM AS INTENDED. BEDROCK DISCOVERED AT THESE LOCATIONS SHALL BE OVER-EXCAVATED TO A DEPTH OF AT LEAST 1 FOOT BELOW TOP OF SUBGRADE. FINISH GRADE BENEATH THE AREAS WHERE TEST PITS WERE ALREADY CONDUCTED, AND THE VICINITY OF THE PARKING AREA BIOTRANSFORMATION BASIN ARE TO BE WORKED.
4. IN THE EVENT THAT THE PERCOLATION TESTS AND TEST PIT RESULTS WILL INDICATE THAT THE PROPOSED DETENTION BASIN AND BIOTRANSFORMATION BASIN WILL NOT BE ABLE TO EFFECTIVELY DRAIN AFTER STORM EVENTS VIA INFILTRATION, IF REQUIRED, UNDERDRAINS WILL BE PROVIDED TO ALLOW THE AREAS TO ENSURE THAT THESE BASINS WILL BE ABLE TO EMPTY WITHIN 24 TO 72 HOURS AFTER THE END OF A STORM EVENT.
5. TRAP HODGES ARE TO BE PROVIDED FOR ALL CATCH BASIN OUTLET PIPES.

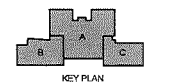


Client/Contractor:
TOWN OF OXFORD
 485 OXFORD ROAD
 OXFORD, CT 06478

Project:
OXFORD MIDDLE SCHOOL
 GREAT OAK ROAD
 OXFORD, CT 06478



100% CONSTRUCTION DOCUMENTS



Issue / Revisions	Date	Description

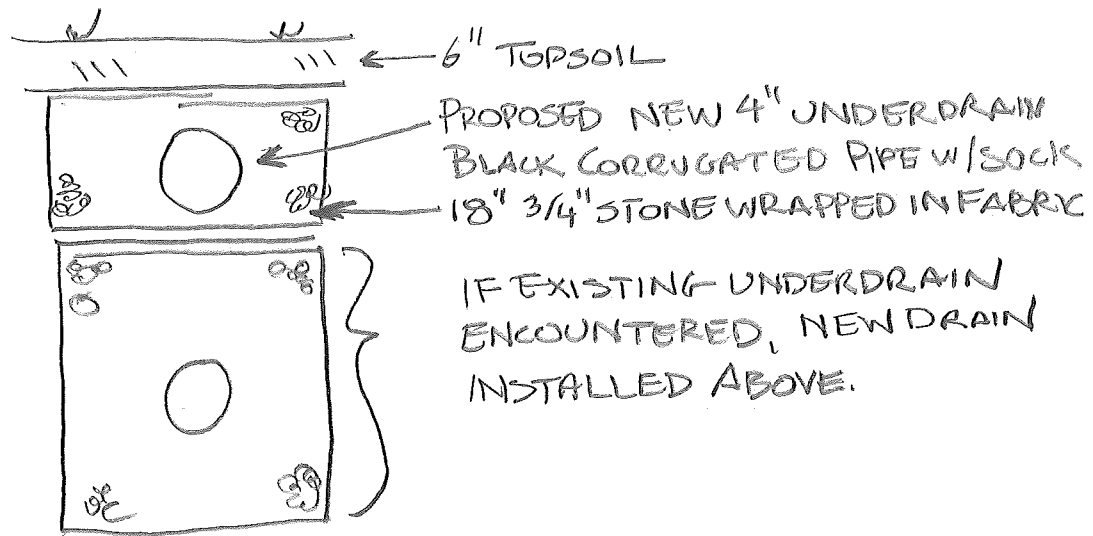
Drawing Title:
DRAINAGE PLAN

Drawing Number:
CG-102

CALL BEFORE YOU DIG: THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING 'CALL BEFORE YOU DIG' AT 1-800-922-4433 TO ARRANGE FOR MARKING OUT EXISTING UNDERGROUND UTILITIES AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

UTILITY NOTE:
 THE UNDERGROUND UTILITIES REPORTED HEREIN ARE BASED ON FIELD LOCATION OF VISIBLE FEATURES, MAPS AND PLANS OF RECORD. UTILITY MAPPING OR OTHER SOURCES OF INFORMATION, THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. EITHER IN SERVICE OR ABANDONED. THE ENGINEER PROVIDES NO WARRANTY THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE ENGINEER DOES BELIEVE THAT THEY ARE DEPICTED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

OXFORD MIDDLE SCHOOL
PROPOSED ADDED 4" DRAIN AT BALLFIELD
11/13/20



* NEW 4" UNDERDRAIN PIPE
WILL BE TIED INTO EXISTING
UNDERDRAIN AT A LOW
POINT

CHECKED BY:	DATE: 11/17/2020	OXFORD MIDDLE SCHOOL PROJECT 40 GREAT OAK ROAD OXFORD, CT 06478	DATE OF WORK:	REPORT NO.
CONTRACTOR PERFORMING WORK:			FEDERAL AID NO:	PROJECT NO.
Guerrera Construction			PROPOSED	

DESCRIPTION OF WORK: Install 4 inch underdrain in infield per proposed GCC sketch dated 11/13/20 including additional lawn restoration.	CONSTRUCTION ORDER
	ITEM NO.

LABOR					MATERIAL AND SUBCONTRACTOR				EQUIPMENT					
Class	No.	Total Hours	Rate		Description	Quantity	Unit Price	Amount	Size and Class	Idle(I) or Active (A)	No.	Total Hours	Rate	Amount
Operator	1	20	\$66.62	\$1,332.40	4" udrain w/sock	100 lf	\$2.08	\$208.00	Loader		1	20	\$69.80	\$1,396.00
Laborer	1	20	\$53.15	\$1,063.00	3/4" stone	21 tn	\$14.00	\$294.00	Triaxle		1	4	\$79.68	\$318.72
Driver	1	4	\$55.92	\$223.68	Mirafi 140 fabric	1 rl	\$660.00	\$660.00	Excavator		1	20	\$94.56	\$1,891.20
Foreman	1	20	\$66.62	\$1,332.40					Hamm Roller		1	0	\$28.56	\$0.00
	1	0	\$55.92	\$0.00				\$0.00	Truck w Tools		1	20	\$19.85	\$397.00
	1	0	\$53.15	\$0.00				\$0.00	Low Bed		1	0	\$37.62	\$0.00
	1	0	\$66.62	\$0.00				\$0.00	Tractor		1	0	\$73.66	\$0.00
				\$0.00				\$0.00						\$0.00
				\$0.00				\$0.00						\$0.00
				\$0.00				\$0.00						\$0.00
				\$0.00				\$0.00	Subcontract:					\$0.00
1	Total Labor			\$3,951.48				\$0.00	Lawn Restoration 600sf			600	\$2.10	\$1,260.00
2	Health	F		\$0.00				\$0.00						\$0.00
	Welfare	L		\$0.00				\$0.00						\$0.00
	and	O		\$0.00				\$0.00						\$0.00
	Pension							\$0.00						\$0.00
				\$0.00	Total			\$1,162.00						\$0.00
				\$0.00	Less Discounts									\$0.00
3	Ins. And Taxes on Item 1			\$1,119.85	Total									\$0.00
4	10% of (Item 1 + 2 + 3)			\$507.13	Additional % = 10%			\$116.20						\$0.00
5	Total (Items 1 thru 4)			\$5,578.46	Total			\$1,278.20	Total					\$5,262.92

Inspector:	Date:	Contractor's Representative:	Date:	Daily Total	\$12,119.58
				Total to Date	