




# Summary of Comments on 1801-222-SUB1- PLANS\_review.pdf

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 Number: 1      Author: Tree Review (john.kenney@mercergov.org)      Subject: Sticky Note      Date: 11/13/2018 8:11:10 AM  
2. All replacement trees to be at least 10' apart from each other, existing trees and structures. Please call out.

SW 1/4, SEC. 12, TWP. 24, RGE. 4 E, W.M.

**CONSTRUCTION NOTES:**

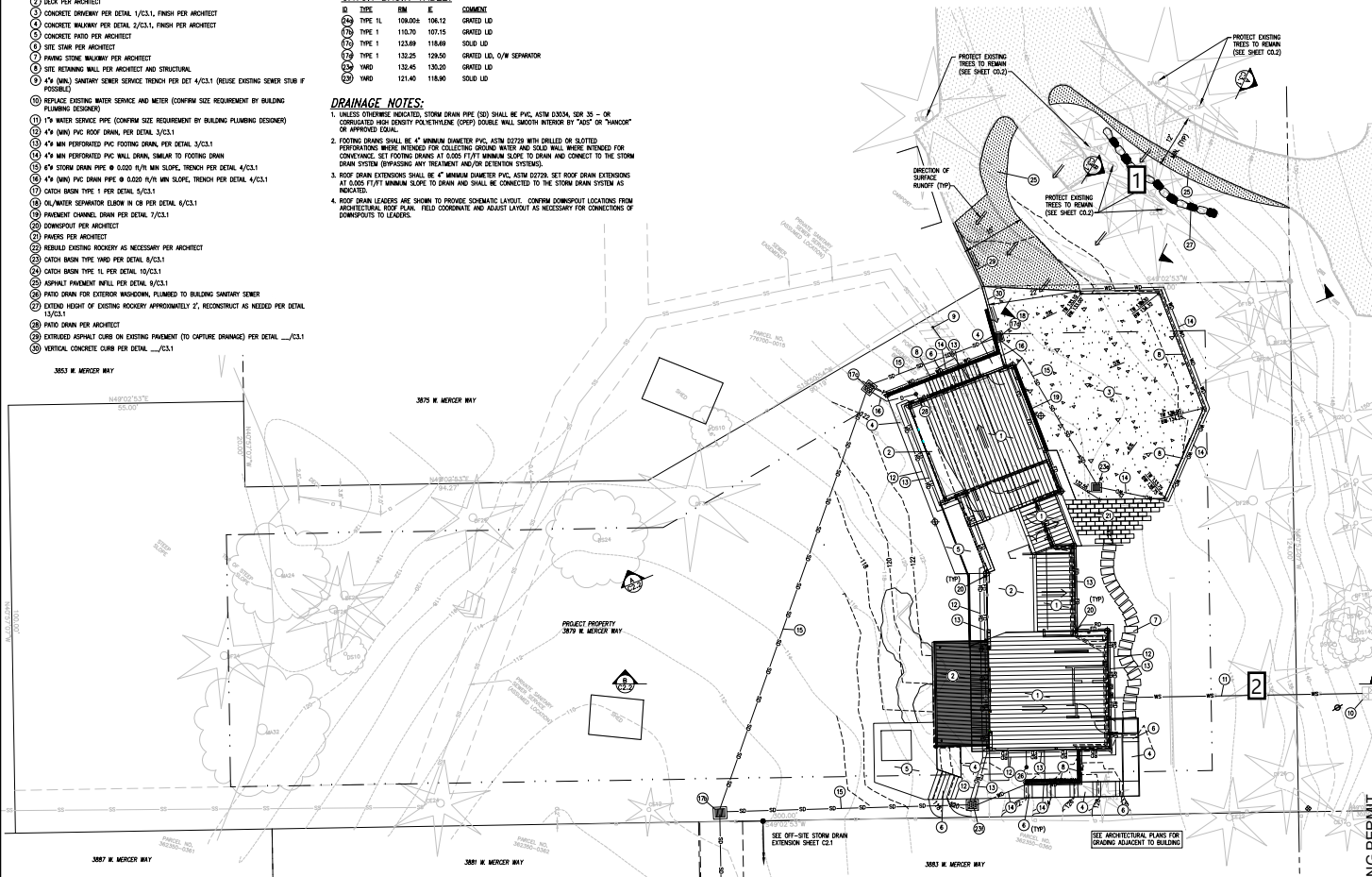
- 1 ROOF PER ARCHITECT
- 2 DECK PER ARCHITECT
- 3 CONCRETE SUBWAY PER DETAIL 2/C3.1, FINISH PER ARCHITECT
- 4 CONCRETE WALKWAY PER DETAIL 2/C3.1, FINISH PER ARCHITECT
- 5 CONCRETE PAVO PER ARCHITECT
- 6 SITE STAIR PER ARCHITECT
- 7 FINISH STONE MASONRY PER ARCHITECT
- 8 SITE RETAINING WALL PER ARCHITECT AND STRUCTURAL
- 9 4" (MIN.) SANITARY SEWER SERVICE TRENCH PER DET 4/C3.1 (REUSE EXISTING SEWER STUB IF POSSIBLE)
- 10 REPLACE EXISTING WATER SERVICE AND METER (CONFIRM SIZE REQUIREMENT BY BUILDING PLUMBING DESIGNER)
- 11 1/2" WATER SERVICE PIPE (CONFIRM SIZE REQUIREMENT BY BUILDING PLUMBING DESIGNER)
- 12 4" (MIN) PVC ROOF DRAIN, PER DETAIL 3/C3.1
- 13 4" (MIN) PERFORATED PVC FOOTING DRAIN, PER DETAIL 3/C3.1
- 14 4" (MIN) PERFORATED PVC WALL DRAIN, SIMILAR TO FOOTING DRAIN
- 15 4" (MIN) STORM DRAIN PIPE @ 0.0025 1/4" MIN SLOPE, TRENCH PER DETAIL 4/C3.1
- 16 4" (MIN) PVC DRAIN PIPE @ 0.0025 1/4" MIN SLOPE, TRENCH PER DETAIL 4/C3.1
- 17 CATCH BASIN TYPE 1 PER DETAIL 5/C3.1
- 18 OIL/WATER SEPARATOR ELBOW IN CB PER DETAIL 6/C3.1
- 19 PAVEMENT CHANNEL DRAIN PER DETAIL 7/C3.1
- 20 DOWNSPOUT PER ARCHITECT
- 21 FINISH PER ARCHITECT
- 22 REINFORCED EXISTING ROCKERY AS NECESSARY PER ARCHITECT
- 23 CATCH BASIN TYPE 1A PER DETAIL 8/C3.1
- 24 CATCH BASIN TYPE 1L PER DETAIL 10/C3.1
- 25 ASPHALT PAVEMENT WALL PER DETAIL 10/C3.1
- 26 PAVO DRAIN FOR EXTERIOR WASHROOM, PLUMBED TO BUILDING SANITARY SEWER
- 27 EXTEND HEIGHT OF EXISTING ROCKERY APPROXIMATELY 2', RECONSTRUCT AS NEEDED PER DETAIL 10/C3.1
- 28 PAVO DRAIN PER ARCHITECT
- 29 EXTRUDED ASPHALT CURB ON EXISTING PAVEMENT TO CAPTURE DRAINAGE PER DETAIL 11/C3.1
- 30 VERTICAL CONCRETE CURB PER DETAIL 11/C3.1

**CATCH BASIN TABLE:**

ID	SIZE	RM	E	COMMENT
CB1	TYPE 1L	108.00x	106.12	GRADED LID
CB2	TYPE 1	110.70	107.15	GRADED LID
CB3	TYPE 1	123.69	118.69	SOLID LID
CB4	TYPE 1	132.25	128.50	GRADED LID, O/W SEPARATOR
CB5	YMD	132.45	130.20	GRADED LID
CB6	YMD	121.40	118.90	SOLID LID

**DRAINAGE NOTES:**

1. UNLESS OTHERWISE INDICATED, STORM DRAIN PIPE (SD) SHALL BE PVC, ASTM D3034, OR 35 - OR CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) DOUBLE WALL SMOOTH INTERIOR BY "ADT" OR "THANCOR" OR APPROVED EQUIV.
2. FOOTING DRAINS SHALL BE 4" MINIMUM DIAMETER PVC, ASTM D2719 WITH DRILLED OR SLOTTED PERFORATIONS BUILT UPWARDS FOR COLLECTING GROUND WATER AND SOLID WALL WASTE REMOVED FOR CONVENIENCE. SET FOOTING DRAINS AT 0.005 FT/FT MINIMUM SLOPE TO DRAIN AND CONNECT TO THE STORM DRAIN SYSTEM (BYPASSING ANY TREATMENT AND/OR COLLECTION SYSTEMS).
3. ROOF DRAIN EXTENSIONS SHALL BE 4" MINIMUM DIAMETER PVC, ASTM D2719. SET ROOF DRAIN EXTENSIONS AT 0.005 FT/FT MINIMUM SLOPE TO DRAIN AND SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM AS INDICATED.
4. ROOF DRAIN LEADERS ARE SHOWN TO PROVIDE SCHEMATIC LAYOUT. CONFIRM DOWNSPOUT LOCATIONS FROM ARCHITECTURAL ROOF PLAN. FIELD COORDINATE AND ADJUST LAYOUT AS NECESSARY FOR CONNECTIONS TO DOWNSPOUTS TO LEADERS.



**GRADING, DRAINAGE AND UTILITIES PLAN**  
 SCALE: 1"=10'  
 GRAPHIC SCALE  
 CALL BEFORE YOU DIG  
 811 FOR THE LOCATION OF UNDERGROUND UTILITIES

**TEC**  
**Taylor Engineering Consultants**  
 P.O. Box 1787  
 Wausau, WI 54987  
 425-391-1415  
 www.tecwi.com

**Project:**  
 TALERMAN SIMON RESIDENCE  
 387 WEST MERZER WAY  
 MERZER ISLAND, WI 53840

**Owner/Developer:**  
 Laurel Talerman  
 c/o Roland studio architects  
 1841 First Avenue South #2E  
 Seattle, WA 98134

**Job Data:**  
 TEC Job #: 24E-23A  
 Designer: REC  
 Checker: REC

**Authorized Use:**  
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**Permit Agency:**  
 CITY OF MERZER ISLAND  
 PERMIT # \_\_\_\_\_

**Issued for:**  
 PERMIT 10/03/18  
 Rec. \_\_\_\_\_  
 Date \_\_\_\_\_

**Sheet Title:**  
 CIVIL SITEWORK PLAN

**Sheet No:**  
**C1.1**

Sheet \_\_\_\_\_ of \_\_\_\_\_

BUILDING PERMIT

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Number: 1 Author: Tree Review (john.kenney@mercergov.org) Subject: Sticky Note Date: 11/9/2018 2:56:13 PM

1. Trees on adjacent property are not included in the Arborist report. Arborist needs to provide information on these trees including proposed tree for removal. Minimum limits of disturbance for these trees need to be provided. Arborist needs to review and comment on current plans and new driveway expansion and rock wall.  
Civil sheet needs to be updated with Arborist provided tree numbers.

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Number: 2 Author: Tree Review (john.kenney@mercergov.org) Subject: Sticky Note Date: 11/13/2018 8:46:55 AM

3. Tunnel/bore WS line within dripline of saved tree (trees to be numbered on this sheet). Call this out. Or move WS line outside saved trees dripline.