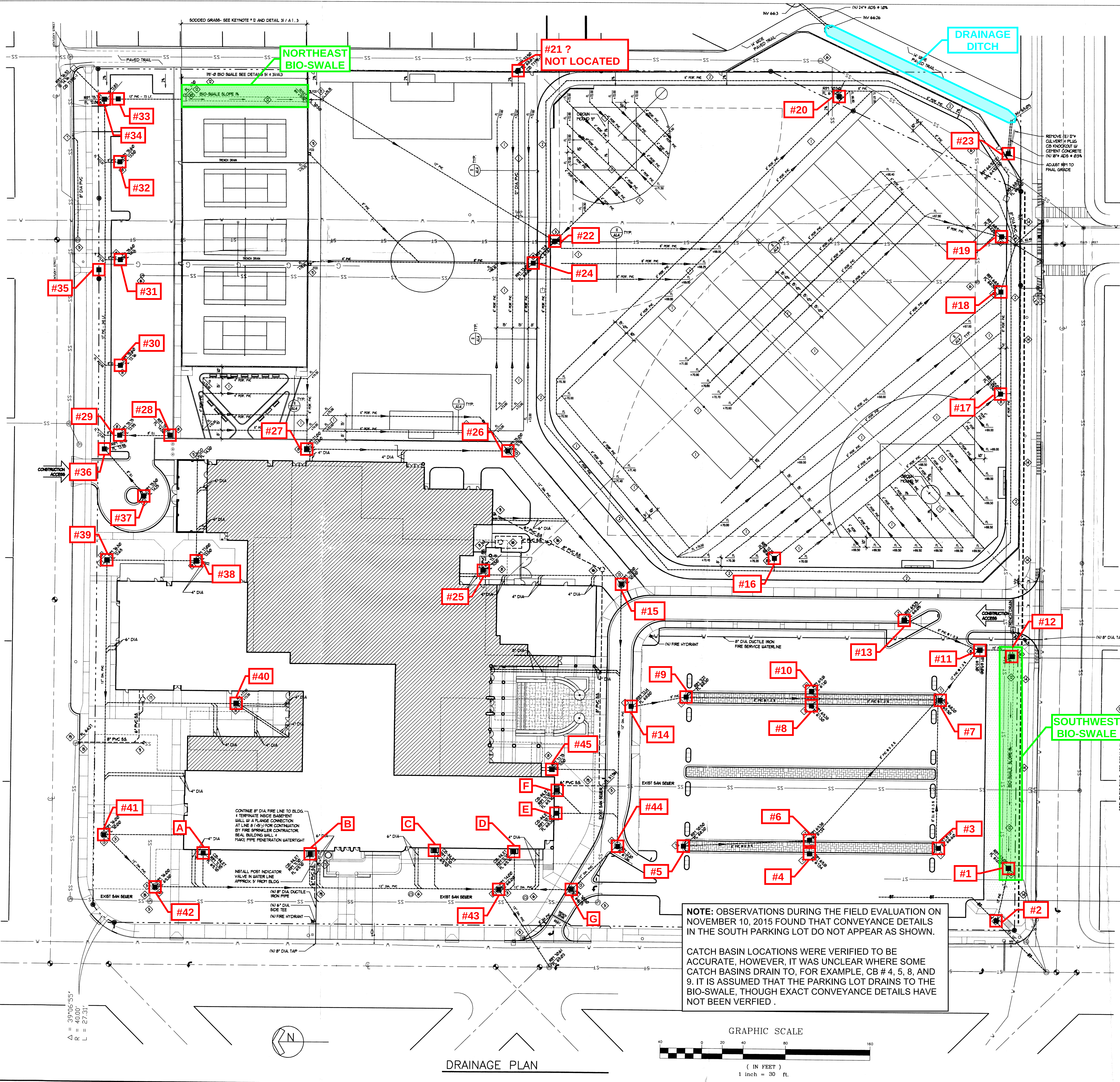




NOTES

THIS DRAWING WAS REVISED TO AID IN LOCATING THE STORMWATER FACILITIES IDENTIFIED IN THE BELLINGHAM HIGH SCHOOL STORMWATER MANAGEMENT MAINTENANCE PLAN.

REVISED BY:
2020 ENGINEERING

DATE:
NOVEMBER 23, 2015

LEGEND

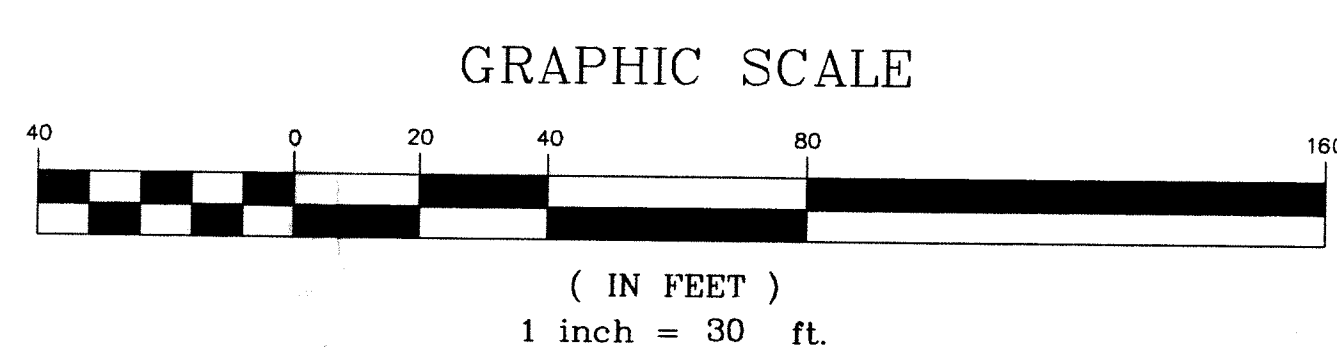
- CATCH BASIN
- BIO-SWALE
- DRAINAGE DITCH

- KEY NOTES:**
- FINISH GRADE.
 - EXISTING MANHOLE: REMOVE FRAME AND COVER. REMOVE STRUCTURE TO 4" BELOW FINISH GRADE. PROVIDE CONCRETE PLUGS ON ALL PIPE PENETRATIONS. FILL WITH COMPACTED GRANULAR FILL TO 2" BELOW FINISH GRADE AND PLACE TOPSOIL OVER.
 - CATCH BASIN TYPE-I AND CURB INLET PER CITY OF BELLINGHAM STANDARD PLAN #1-12.
 - CATCH BASIN TYPE-II.
 - FLUSH CLEAN-OUT (FCO) PER CITY OF BELLINGHAM STANDARD PLAN #1-11.
 - POURED-IN-PLACE CONCRETE FLOW SPREADER. SEE 33 / A.1.3.
 - TYPE-I CATCH BASIN / ANCHOR BOX LOCATION: SHOWN IS APPROXIMATE. LOCATE EXISTING STORY DRAIN. SET "J" BOX AND CONNECT TO EXISTING "J" STORY CAP EXISTING STORY LINE ON UP STREET. SIDE OF "J" BOX SET RET TO MATCH FINISH GRADE. APPROXIMATE FL. OF EXISTING STORY = 66.00'.
 - THE BIO-SWALE AS INDICATED IS AN ESSENTIAL PART OF THE SITE DRAINAGE SYSTEM. CONSTRUCT BIO-SWALES EARLY IN CONSTRUCTION PROJECT. COMPLETE BIO-SWALES INCLUDING FLOW SPREADERS, OUTLETS AND SLOTTED GRASS PRIOR TO COMMENCING GENERAL SITE DEMOLITION OR GRADING.
 - MANHOLE (180" DI) WITH CHANNLED BOTTOM.
 - PROVIDE DOT APPROVED EROSION CONTROL FENCE. INSTALL FENCE ALONG ALL PROPERTY LINES WHERE SLOPES OR DRAINS TOWARD PROPERTY LINE. FENCE REQUIRED FOR DEMOLITION AND TEMPORARY DRAINAGE. PROVIDE HATCHABLE DOORS TO FORT SETTLING PONDS. PUMPING FROM SETTLING PONDS TO DRAIN SPREADERS LOCATED AT THE UPPER END OF EACH DRAINAGE SWALE WILL BE ALLOWED. PUMPING OR DRAINAGE TO ANY OTHER OUTLET IS PROHIBITED.
 - CAP EXISTING SEWER LINE AND ABANDON.
 - NEW SANITARY MANHOLE WITH CHANNLED BOTTOM.
 - 100 GALLON ACID NEUTRALIZING TANK WITH MANHOLE AT GRADE.
 - 6000 GALLON GREASE INTERCEPTOR WITH (2) MANHOLE ACCESS COVERS AT GRADE.
 - MAKE CONNECTION TO EXISTING.

- GENERAL NOTES (PUBLIC RIGHT-OF-WAY)**
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND PRINCIPAL CONSTRUCTION BY WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND STANDARD SPECIFICATIONS AND SPECIFICATIONS OF THE CITY OF BELLINGHAM.
 - CONTRACTOR SHALL OBTAIN A PUBLIC WORK PROJECT PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL SCHEDULE A CONSTRUCTION CONFERENCE PRIOR TO BEGINNING WORK AND SHALL CONTACT THE OFFICE OF THE CITY ENGINEER 14 HOURS PRIOR TO COMMENCING WORK IN THE CITY RIGHT-OF-WAY.
 - CONTRACTOR SHALL RESTORE ALL PUBLIC AND PRIVATE PROPERTY DISRUPTED BY THE PROJECT.
 - CONTRACTOR SHALL SUBMIT A LIST OF TEST COSTS TO THE CITY ENGINEER COVERING ALL COSTS OF CONSTRUCTION AND SUBMIT A ONE-YEAR MAINTENANCE BOND COVERING DEFECTS IN MATERIALS AND WORKMANSHIP PRIOR TO ACCEPTANCE OF THE PROJECT.
 - CONTRACTOR SHALL NOTIFY THE ARCHITECT AND CITY ENGINEER'S OFFICE OF ANY PROPOSED CHANGES PRIOR TO CONSTRUCTION OF THAT CHANGE. CONTRACTOR SHALL MAINTAIN RECORDS OF ANY DEVIATIONS AND FORWARD TO ARCHITECT. ARCHITECT SHALL PROVIDE CITY WITH A CERTIFIED AS-BUILT MYLAR AT THE COMPLETION OF THE PROJECT.
 - CONTRACTOR SHALL CONTACT UTILITIES COORDINATING 48 HOURS IN ADVANCE OF CONSTRUCTION (1-800-424-5555).
 - CONTRACTOR SHALL SUBMIT A ONE-YEAR MAINTENANCE BOND IN AN AMOUNT TO BE DETERMINED BY THE CITY (BUT NOT LESS THAN 5% OF THE PROJECT COST) SHALL BE SUBMITTED PRIOR TO ACCEPTANCE OF THE PROJECT.
 - ALL WORK MUST BE INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF BELLINGHAM ENGINEERING DIVISION AND 24 HOURS NOTICE MUST BE GIVEN PRIOR TO STARTING WORK OR TO SCHEDULE INSPECTIONS.
- STREET AND STORM DRAIN SPECIFICATIONS**
- STRIPPED ORGANIC MATERIAL AND EXCESS EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE OFF SITE OR AS DIRECTED BY THE OWNER.
 - STORM PIPE SHALL BE PVC D204 OR EQUAL WITH RUBBER GASKET JOINTS. BEDDING SHALL BE FREE DRAINING PEA-GRAVEL FOR A MINIMUM OF 6 INCHES ABOVE AND BELOW THE PIPE.
 - CATCH BASINS SHALL BE TYPE-I PRECAST CONCRETE. CATCH BASINS SHALL BE CONSTRUCTED USING METAL FRAMES PER DOT PLAN B-2A. CATCH BASINS SHALL BE ACCORDING TO DOT PLAN B-1.
 - CURB AND GUTTER SHALL BE ACCORDING TO CITY OF BELLINGHAM STANDARD SPECIFICATION #1-14.
 - CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF BELLINGHAM STANDARD SPECIFICATION #1-14 AND #1-15 ALONG DRAIN STREET.
 - ASPHALT CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 5-04 OF THE STANDARD SPECIFICATIONS. ARCHITECT SHALL INSPECT SUBGRADE AND SUBGRADE WILL BE TESTED BY CERTIFIED TESTING AGENCY FOR COMPACTION AND BEARING CAPACITY PRIOR TO PLACING BANK-RUN GRAVEL.
 - CATCH BASIN FRAMES AND GRATES INSTALLED IN CITY RIGHT-OF-WAY SHALL BE THRU-CURB AND ACCORDING TO CITY OF BELLINGHAM STANDARD PLAN #1-12.
 - ALL CUT AND BACKFILL SLOPES SHALL BE SEEDED AND FERTILIZED FOR EROSION CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FULLY ESTABLISHED.
 - CONTRACTOR SHALL INSTITUTE PRACTICES FOR PREVENTION OF EROSION DURING CONSTRUCTION AS OUTLINED IN "CITY OF BELLINGHAM STORMWATER MANAGEMENT HANDBOOK" INCLUDING REQUIREMENTS PERTAINING TO LARGE PARCEL DEVELOPMENT AS DETAILED IN SECTION 3.2.
 - PRIOR TO COMMENCING SITE WORK CONTRACTOR SHALL PROVIDE PROTECTION OF ALL STORM DRAIN ALLEYS PER DETAIL SWALL. MAINTAIN AND KEEP PROTECTION IN PLACE UNTIL SITE IS FULLY STABILIZED. ON COMPLETION OF CONSTRUCTION REMOVE TEMPORARY PROTECTION.
 - CONTRACTOR SHALL RESTRICT ALL TRAFFIC TO POINTS OF CONSTRUCTION ACCESS INDICATED. PROVIDE TEMPORARY ROAD DRIVE OFF APRON PER STANDARD CITY DETAIL. MAINTAIN DRIVE OFF APRON UNTIL CONSTRUCTION IS COMPLETE OR REMOVAL IS APPROVED BY THE CITY OF BELLINGHAM.

NOTE: OBSERVATIONS DURING THE FIELD EVALUATION ON NOVEMBER 10, 2015 FOUND THAT CONVEYANCE DETAILS IN THE SOUTH PARKING LOT DO NOT APPEAR AS SHOWN.

CATCH BASIN LOCATIONS WERE VERIFIED TO BE ACCURATE. HOWEVER, IT WAS UNCLEAR WHERE SOME CATCH BASINS DRAIN TO, FOR EXAMPLE, CB # 4, 5, 8, AND 9. IT IS ASSUMED THAT THE PARKING LOT DRAINS TO THE BIO-SWALE, THOUGH EXACT CONVEYANCE DETAILS HAVE NOT BEEN VERIFIED.



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WILLEY GORDON

BELLINGHAM HIGH SCHOOL

RE-BID
FEBRUARY 22, 1999

2020 CORNWALL AVENUE
BELLINGHAM, WASHINGTON

BELLINGHAM SCHOOL DISTRICT NO. 501

RE-BID
FEBRUARY 22, 1999

1306 DUPONT STREET, BELLINGHAM
WHATCOM COUNTY, WASHINGTON

DRAINAGE PLAN

DRAWING TITLE
REPRODUCTION SCALE

DRAWING NUMBER
C 1.3