

McDonald's® RESTAURANT DEVELOPMENT

LAND USE AND DESIGN REVIEW APPLICATIONS

PORTION OF 1313 COOPER POINT ROAD SW

OLYMPIA, WASHINGTON 98502

SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.

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NOTES

SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT SPECIFICATIONS, THE CITY OF OLYMPIA STANDARD SPECIFICATIONS, AND THE A.P.W.A. STANDARDS WHICH ARE HEREBY REFERENCED AS PART OF THESE PLANS.

THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON THE SURVEY PREPARED BY TIM HANSON AND ASSOCIATES, INC., DATED JULY 1ST, 2013. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED SITEWORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITEWORK WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.

CAUTION - NOTICE TO CONTRACTOR
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.

SHEET INDEX

CVR-1	COVER SHEET
D-2.0	T.E.S.C. PLAN
D-2.1	T.E.S.C. NOTES AND DETAILS
C-1.0	SITE IMPROVEMENT PLAN
C-1.6	TRASH ENCLOSURE DETAILS
C-2.0	GRADING AND DRAINAGE PLAN
C-3.0	WATER PLAN
C-3.1	WATER NOTES AND DETAILS
C-3.5	SANITARY SEWER PLAN
C-3.6	SANITARY SEWER NOTES AND DETAILS
C-3.8	LIGHTING PLAN
L-1.0	LANDSCAPE PLAN
R1.3	SEATING PLAN
A2.2	COLOR ELEVATIONS
SHEET 1 OF 1	ALTA/ACSM LAND TITLE SURVEY

EXISTING LEGEND

●	FOUND AS NOTED.	○	MONITORING WELL
○	SET 5/8" RB W/ YPC #10699 OR AS NOTED.	○	CLEAN OUT
APN	ASSESSOR'S PARCEL NUMBER	—	SIGN
---	SECTION LINES	—	GAS METER
---	PROPERTY BOUNDARY	—	LIGHT POLE
---	MAJOR CONTOUR	—	BOLLARDS
---	MINOR CONTOUR	—	TELEPHONE RISERS
x	FENCE	—	POWER POLE
w	WATER	—	IRRIGATION CONTROL
ss	SEWER	—	WATER VALVE
OHP	OVERHEAD POWER	—	FIRE HYDRANT
BP	BURIED POWER	—	WATER METER
G	BURIED GAS	—	STORM MANHOLE
(DIA. TYPE)	TREE	—	CATCH BASIN
		—	SEWER MANHOLE
		—	POINT OF BEGINNING

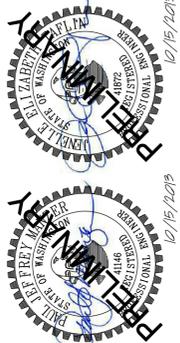
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Community Planning & Development



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No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW SUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW SUBMITTAL
3	09/17/2013	PACLAND	DESIGN REVIEW SUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Issue Date:	06/20/2013
Designed By:	JJK
Drawn By:	JJK
Checked By:	JJK
Project No.:	50127019
	JET/PJM

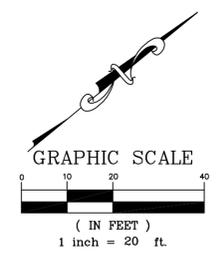
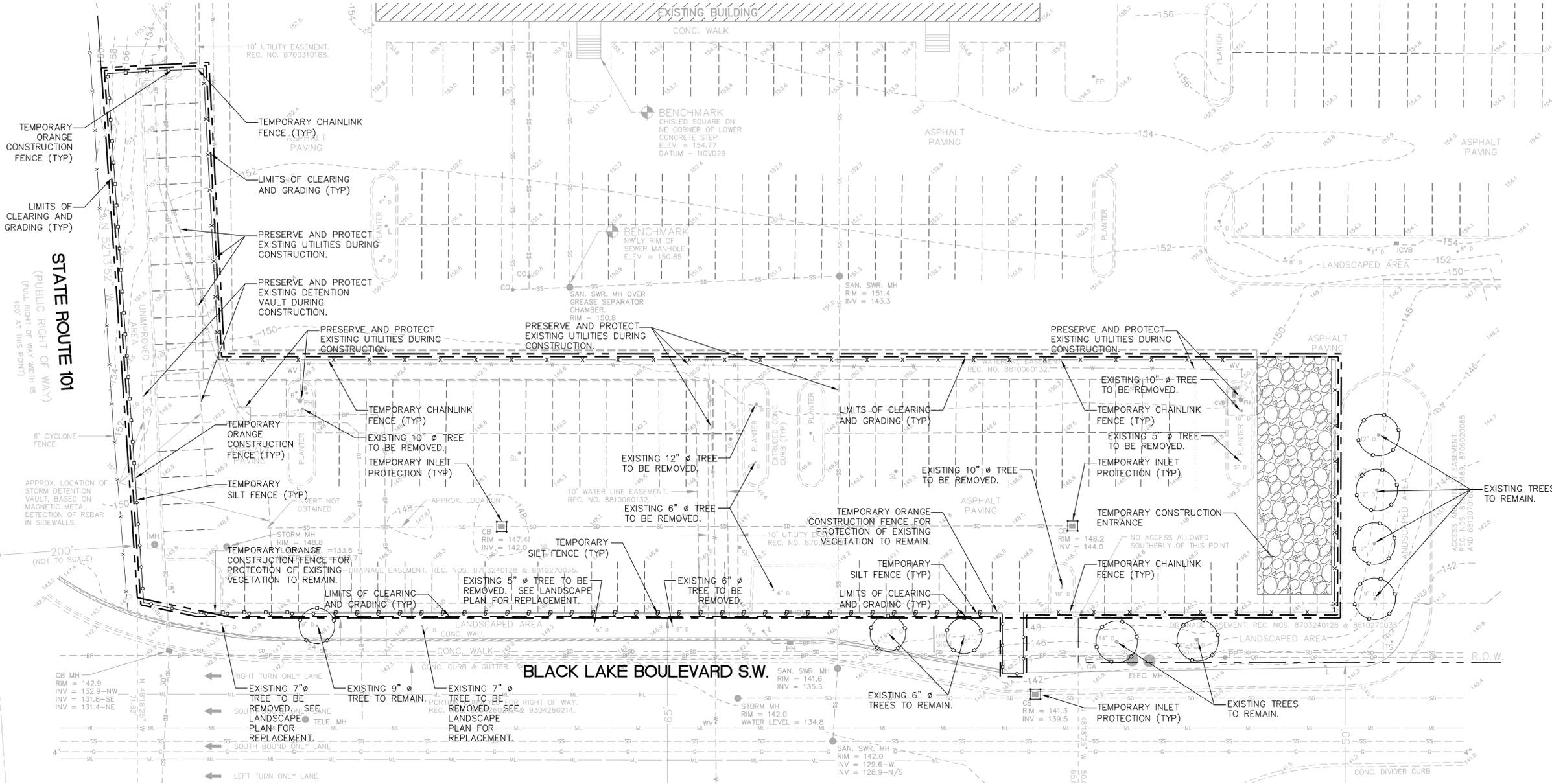


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COVER SHEET

CVR-1

SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



SEQUENCE OF CONSTRUCTION:

1. HOLD A PRE-CONSTRUCTION MEETING WITH THE CITY OF OLYMPIA AND OBTAIN REMAINING REQUIRED PERMITS.
2. ESTABLISH LIMITS OF CLEARING AND GRADING.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
4. INSTALL TEMPORARY SILT FENCING, ORANGE CONSTRUCTION FENCE AND TEMPORARY CHAINLINK FENCING.
5. INSTALL INLET PROTECTION ON ALL EXISTING STORM DRAINAGE STRUCTURES TO REMAIN.
6. REMOVE ALL EXISTING FEATURES PER DEMOLITION PLAN.
7. INSTALL TREE AND VEGETATION PROTECTION FENCE. SEE LANDSCAPE PLAN FOR AREAS OF EXISTING VEGETATION TO REMAIN.
8. BEGIN GRADING SITE.
9. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
10. INSTALL PROPOSED STORM DRAINAGE SYSTEMS, UTILITIES, AND CURB.
11. INSTALL INLET PROTECTION ON ALL NEW STORM DRAINAGE STRUCTURES.
12. FINISH GRADING SITE FOR PAVING ACTIVITIES.
13. INSTALL PROPOSED DRIVE-THRU, CURBING AND ALL ABOVE GROUND FEATURES.
14. PAVE SITE.
15. COMPLETE SITE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
16. REMOVE ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES, ONLY AFTER THE SITE IS DEEMED COMPLETELY STABILIZED BY THE INSPECTOR.

LEGEND

- PROPERTY LINE
- LIMITS OF CLEARING AND GRADING
- TEMPORARY SILT FENCE
- TEMPORARY ORANGE CONSTRUCTION FENCE
- TEMPORARY CHAINLINK FENCE
- TEMPORARY INLET PROTECTION
- TEMPORARY CONSTRUCTION ENTRANCE

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4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Designed By:	JKG	Issue Date:	06/20/2013
Drawn By:	JKG	LAND USE/DESIGN REVIEW	
Checked By:	JET/PJM	Project No.:	50127019



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T.E.S.C. PLAN



Know what's below.
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D-2.0

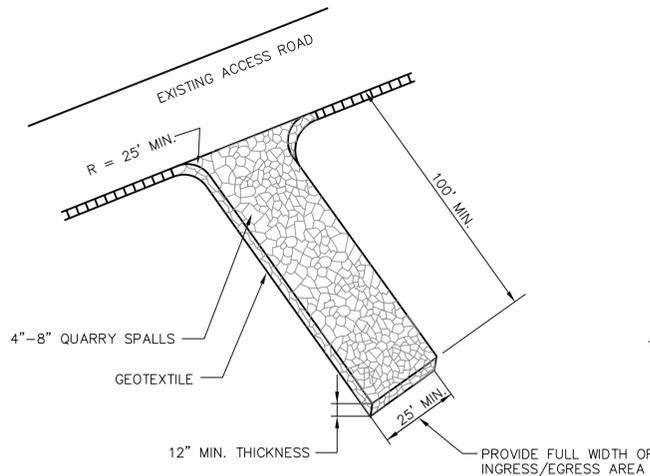
SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.

GENERAL EROSION CONTROL NOTES (PACLAND)

- THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON THE SURVEY PREPARED BY TIM HANSON AND ASSOCIATES, INC., DATED JULY 1ST, 2013. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED SITEWORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITEWORK WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- CAUTION - NOTICE TO CONTRACTOR**
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE MOST CURRENT APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE. FAILURE BY THE CONTRACTOR CAN RESULT IN A FINE. THE DESIGNATED TEMPORARY CONTACT PERSON NOTED ON THIS PLAN MUST BE AVAILABLE FOR CONTACT BY TELEPHONE ON A 24 HOUR BASIS THROUGHOUT CONSTRUCTION AND UNTIL THE PROJECT HAS BEEN COMPLETED AND APPROVED BY THE GOVERNMENTAL AGENCY WITH JURISDICTION.
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR FROM THE BEGINNING OF CONSTRUCTION UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE GOVERNMENTAL AGENCY WITH JURISDICTION AND THE SITE IS STABILIZED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED AND INSPECTED BY THE LOCAL JURISDICTION PRIOR TO ANY CLEARING OR CONSTRUCTION TAKING PLACE. DURING CONSTRUCTION, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE OWNER AND/OR CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE EROSION AND SEDIMENTATION CONTROL FACILITIES SHOWN ON THIS PLAN ARE TO BE CONSIDERED ADEQUATE BASIC REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, DEVIATIONS FROM THIS PLAN MAY BE NECESSARY IN ORDER TO MAINTAIN WATER QUALITY.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR ON A FREQUENT BASIS AND IMMEDIATELY AFTER EACH RAINFALL, AND MAINTAINED AS NECESSARY TO INSURE THEIR CONTINUED FUNCTIONING. ALL SEDIMENT MUST BE REMOVED FROM SILT FENCES, STRAW BALES, SEDIMENT PONDS, ETC. PRIOR TO THE SEDIMENT REACHING 1/2 ITS MAXIMUM POTENTIAL DEPTH.
- AT NO TIME SHALL CONCRETE, CONCRETE BYPRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.
- THE CONTRACTOR PERFORMING THE WORK SHALL MAINTAIN A SET OF THE APPROVED CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES WHILE CONSTRUCTION IS IN PROGRESS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK TO OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL JURISDICTION PRIOR TO COMMENCING ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR PERFORMING THE WORK SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE TRAFFIC CONTROL AT ALL TIMES DURING CONSTRUCTION ALONGSIDE OR WITHIN ALL PUBLIC ROADWAYS.
- THIS APPROVED "TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN" MUST BE IMPLEMENTED PRIOR TO ANY SITE WORK. SEE THE PLANS AND DETAILS FOR FURTHER INFORMATION.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER IN THE EVENT OR DISCOVERY OF POOR SOILS, GROUNDWATER OR DISCREPANCIES IN THE EXISTING CONDITIONS AS NOTED ON THE PLANS.
- MAXIMUM SLOPES SHALL BE 3:1 HORIZ:VERT FOR FILL SLOPES, AND 3:1 HORIZ:VERT FOR CUT SLOPES.
- ROCKERIES OR OTHER RETAINING FACILITIES EXCEEDING 4' IN HEIGHT REQUIRE A SEPARATE PERMIT.
- SLOPE STABILIZATION. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. ROUGHENED SOIL SURFACES ARE PREFERRED TO SMOOTH SURFACES. INTERCEPTORS SHOULD BE CONSTRUCTED AT THE TOP OF LONG, STEEP SLOPES WHICH HAVE SIGNIFICANT AREAS ABOVE THAT CONTRIBUTE RUNOFF. CONCENTRATED RUNOFF SHOULD NOT BE ALLOWED TO FLOW DOWN THE FACE OF A CUT OR FILL SLOPE UNLESS CONTAINED WITHIN AN ADEQUATE CHANNEL OR PIPE SLOPE DRAIN. WHEREVER A SLOPE FACE CROSSES A WATER SEEPAGE PLANE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHOULD BE PROVIDED. IN ADDITION, SLOPES SHOULD BE STABILIZED IN ACCORDANCE WITH ITEM (15) ABOVE.
- STORM DRAIN INLET PROTECTION. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT STORMWATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.

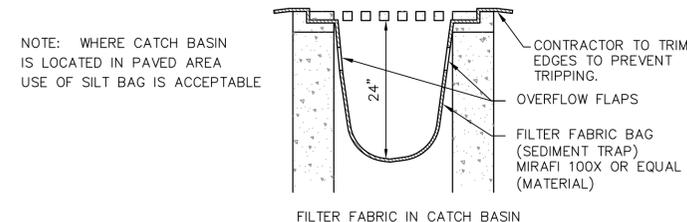
STANDARD EROSION CONTROL NOTES (CITY OF OLYMPIA)

- A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL) IS REQUIRED FOR ALL CONSTRUCTION PROJECTS. THE NAMED PERSON OR FIRM SHALL BE ON-SITE OR ON-CALL AT ALL TIMES. FOR THIS SITE, THE PERSON/FIRM IS (TO BE DETERMINED AT TIME OF CONTRACTOR SELECTION) AND THEIR OFFICE AND CELL TELEPHONE NUMBERS ARE (TO BE DETERMINED AT TIME OF CONTRACTOR SELECTION).
- APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE CLEARING LIMIT BOUNDARIES SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE SURFACE WATER, GROUND WATER, OR DISCHARGE STANDARDS.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
- THE ESC FACILITIES ON ACTIVE SITES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR--AND MAINTAINED, REPAIRED, OR AUGMENTED AS NECESSARY--TO ENSURE THEIR CONTINUED FUNCTIONING.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED MONTHLY, OR WITHIN 48 HOURS FOLLOWING A MAJOR STORM EVENT, BY THE APPLICANT/CONTRACTOR--AND MAINTAINED, REPAIRED, OR AUGMENTED AS NECESSARY--TO ENSURE THEIR CONTINUED FUNCTIONING.
- STORM DRAIN INLETS OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT STORMWATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PROJECT COMPLETION AND ACCEPTANCE. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER OFFSITE WITHOUT TREATMENT.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- ROADS SHALL BE CLEANED THOROUGHLY AS NEEDED TO PROTECT DOWNSTREAM WATER RESOURCES OR STORMWATER INFRASTRUCTURE. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- FROM OCTOBER 15 THROUGH APRIL 1, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 2 DAYS. FROM APRIL 2 TO OCTOBER 14, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7 DAYS. SOILS SHALL BE STABILIZED AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. LINEAR CONSTRUCTION ACTIVITIES, SUCH AS RIGHT-OF-WAY AND EASEMENT CLEARING, ROADWAY DEVELOPMENT, PIPELINES, AND TRENCHING FOR UTILITIES, SHALL COMPLY WITH THESE REQUIREMENTS. THESE STABILIZATION REQUIREMENTS APPLY TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR NOT. THE LOCAL PERMITTING AUTHORITY MAY ADJUST THESE TIME LIMITS IF IT CAN BE SHOWN THAT A DEVELOPMENT SITE'S EROSION OR RUNOFF POTENTIAL JUSTIFIES A DIFFERENT STANDARD.
- FROM OCTOBER 15 THROUGH APRIL 1, CLEARING, GRADING, AND OTHER SOIL-DISTURBING ACTIVITIES SHALL ONLY BE PERMITTED IF SHOWN TO THE SATISFACTION OF THE LOCAL PERMITTING AUTHORITY THAT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION SITE TO RECEIVING WATERS WILL BE PREVENTED.
- SOIL STOCKPILES MUST BE STABILIZED AND PROTECTED WITH SEDIMENT-TRAPPING MEASURES.
- ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS, THAT OCCUR ON SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER. WOODY DEBRIS MAY BE CHOPPED AND SPREAD ON SITE.
- MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES AND OTHER ACTIVITIES WHICH MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF MUST BE CONDUCTED USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. REPORT ALL SPILLS TO 911.
- WATER FROM MOST DEWATERING OPERATIONS SHALL BE DISCHARGED INTO A SEDIMENT TRAP OR POND. CLEAN, NON-TURBID WATER MAY BE DISCHARGED TO STATE SURFACE WATERS, PROVIDED THE DISCHARGE DOES NOT CAUSE EROSION OR FLOODING. HIGHLY TURBID OR CONTAMINATED DEWATERING WATER FROM CONSTRUCTION EQUIPMENT OPERATION, CLAMSHELL DIGGING, CONCRETE TREMIE POUR, OR WORK INSIDE A COFFERDAM SHALL BE HANDLED SEPARATELY FROM STORMWATER AND PROPERLY DISPOSED.

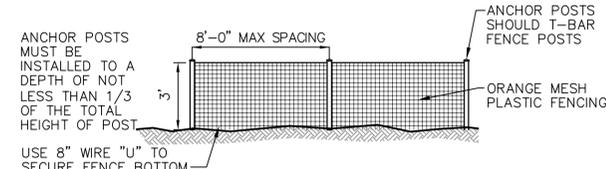


- DRIVEWAYS SHALL BE PAVED TO THE EDGE OF R-0-W PRIOR TO INSTALLATION OF THE CONSTRUCTION ENTRANCE TO AVOID DAMAGING OF THE ROADWAY.
- IT IS RECOMMENDED THAT THE ENTRANCE BE CROWNED SO THAT RUNOFF DRAINS OFF THE PAD.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE, WHEEL WASH, OR BY OTHER MEANS AND METHODS TO AVOID SOIL FROM BEING TRACKED TO PUBLIC R.O.W.

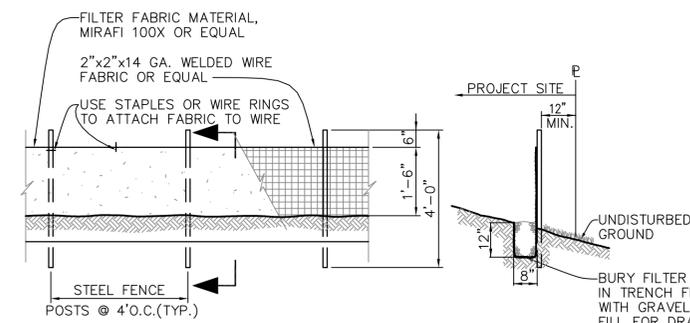
TEMPORARY CONSTRUCTION ENTRANCE 1



TEMPORARY INLET PROTECTION 4



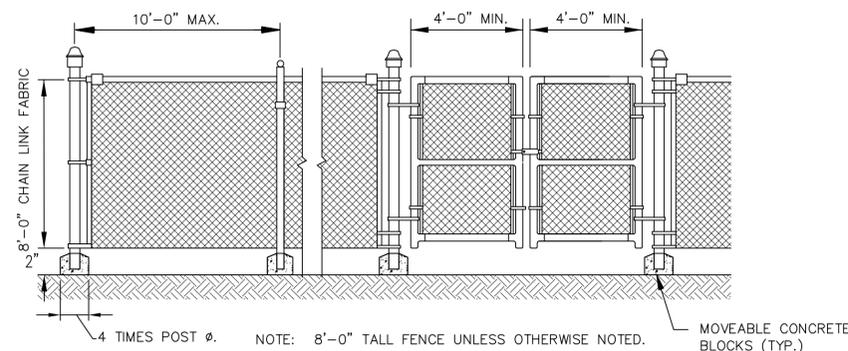
TEMPORARY ORANGE CONSTRUCTION FENCE 3



NOTE: UPON COMPLETION OF THE PROJECT OR WHEN DIRECTED BY THE OWNER, THE FILTER FABRIC FENCE SHALL BE REMOVED IN ITS ENTIRETY AND DISPOSED OF BY THE CONTRACTOR.

TEMPORARY SILT FENCE 2

- MAINTENANCE STANDARDS:
- ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
 - IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
 - IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
 - SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6 INCHES HIGH.
 - IF THE FILTER FABRIC (GEOTEXTILE) HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.



TEMPORARY CHAINLINK FENCE 5

No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW RESUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW RESUBMITTAL
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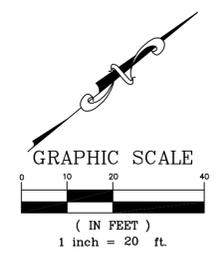
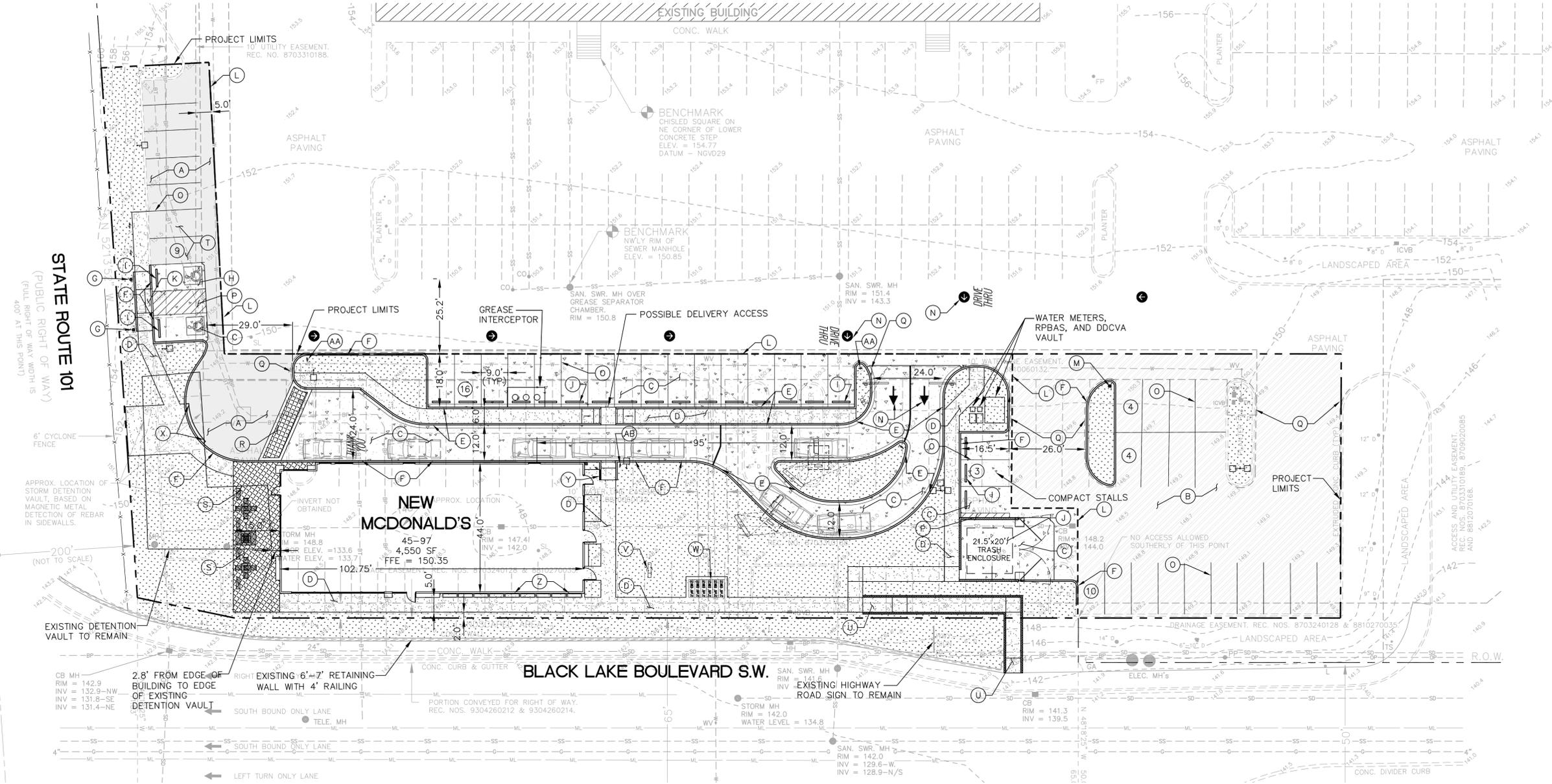
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 PORTION OF 1313 COOPER POINT ROAD SW
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T.E.S.C. NOTES AND DETAILS



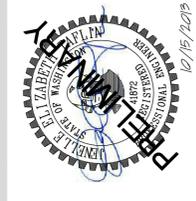
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SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



No.	Date	By	Revision Description
1	06/12/2013	PACLAND	DESIGN REVIEW SUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW SUBMITTAL
3	09/17/2013	PACLAND	DESIGN REVIEW SUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Designed By:	JJK	Issue Date:	06/20/2013
Drawn By:	JJK	Project No.:	50127019
Checked By:	JET/PJM		



SITE KEY:

- (A) STANDARD DUTY ASPHALT PAVEMENT
- (B) 2" GRIND AND OVERLAY. CONTRACTOR TO OVERLAY ALL EXISTING ASPHALT AS SHOWN AND PERFORM SPOT BASE REPAIRS AS NECESSARY. CONTRACTOR'S LIMITS OF GRIND AND OVERLAY TO ABUT OTHER EXISTING SURFACE TYPES AND PARKING LOT CURBING.
- (C) CONCRETE PAVEMENT
- (D) CONCRETE SIDEWALK
- (E) CONCRETE CURB AND GUTTER
- (F) TRAFFIC BARRIER CURB (TYP.)
- (G) POST MOUNTED ADA SIGN.
- (H) ACCESSIBLE PARKING SPACE TYPICAL. SEE DETAIL FOR ACCESSIBLE PARKING SPACE SIZE, SIGN AND SYMBOL ("VAN"-INDICATES VAN ACCESSIBLE SPACE)
- (I) CONCRETE WHEEL STOP (TYP.)
- (J) TRASH ENCLOSURE.
- (K) ADA RAMP WITH DETECTABLE WARNING SURFACE PER CITY OF OLYMPIA STANDARD DETAILS AND ADA REQUIREMENTS.
- (L) SAWCUT, MATCH AND SEAL JOINT BETWEEN NEW AND EXISTING ASPHALT PAVING WITH AR-4000 OR APPROVED EQUAL.
- (M) SUGGESTED MCDONALD'S ENTRY SIGNAGE LOCATION. SIGNAGE TYPE AND LOCATION TO BE CONFIRMED BY THE SIGNAGE CONTRACTOR PRIOR TO INSTALLATION.
- (N) PAINTED DIRECTIONAL ARROWS (TYP)
- (O) 4" WIDE SOLID WHITE STRIPE, (TYP.) STANDARD PARKING STALLS ARE 9' X 18', 4" WIDE SOLID WHITE STRIPE AT 45' X 18" SPACING, O.C. (TYP.)
- (P) FIRE LANE STRIPING PER NOTE THIS SHEET.
- (R) RAISED CONCRETE PEDESTRIAN CROSSWALK, STAMPED WITH RUNNING BOND BRICK PATTERN IN A TERRA COTTA COLOR.
- (S) COLORED STAMPED CONCRETE 15' WIDE PLAZA WITH OUTDOOR SEATING, RAILING, AND PLANTERS.
- (T) DRIVE-THRU WAITING STALLS WITH IN-GROUND "RESERVED DRIVE-THRU" SIGN. REFER TO SIGNAGE PACKAGE BY OTHERS FOR ADDITIONAL INFORMATION AND DETAILS.
- (U) ADA RAMP WITH HAND RAILS (MAX 8%)
- (V) NEW MCDONALD'S FREESTANDING SIGN MAXIMUM 200 SF.
- (W) SIX 2'x6' BIKE SPACES (TWO-BIKE LOCKERS AND FOUR-INVERTED U BIKE RACK SPACES. PER OMC SECTION 18.38.220.C BIKE STALLS MUST BE COVERED WITH A MINIMUM HEIGHT CLEARANCE OF 7'.)
- (X) CONCRETE ROLLED CURB
- (Y) 36" HIGH HAND RAIL.
- (Z) 60"Wx16"Dx36"H CONCRETE LANDSCAPE PLANTER BOX (TYP.)
- (AA) BUILDING ENTRY DIRECTIONAL SIGN
- (AB) PEDESTRIAN CROSSING SIGN

SITE DATA:

TOTAL LOT AREA:	37,727 SF ± (0.87± ACRES)
PROPOSED MCDONALD'S:	
TOTAL BUILDING AREA:	4,550 SF
SITE AREAS:	
TOTAL BUILDING AREA:	4,550 SF (12.1% OF 37,727 SF)
LANDSCAPE AREA:	9,058 SF (24.0% OF 37,727 SF)
OTHER IMPERVIOUS AREA:	24,119 SF (63.9% OF 37,727 SF)
PARKING PROVIDED:	
STANDARD STALLS:	41 STALLS
COMPACT STALLS:	3 STALLS
ADA STALLS:	2 STALLS
TOTAL PARKING STALLS:	46 STALLS
TOTAL PARKING RATIO:	10.1 STALLS PER 1,000 SF (BASED ON 4,550 SF)
TOTAL PARKING REQUIRED:	46 STALLS (10 PER 1,000 SF PER OMC SECTION 18.38.100, TABLE 38.01)
TYPICAL DIMENSIONS:	
STANDARDS PARKING STALLS:	18' x 9'
COMPACT PARKING STALLS:	16.5 x 9'
ADA STALLS:	18' x 9'
DRIVE AISLES:	26' MIN
INGRESS/EGRESS:	30' MIN
PARKING ANGLE:	90 DEGREE

NOTES:

- ENTIRE TOP FOOD AND DRUG PROPERTY IS LOCATED WITHIN A WELLHEAD PROTECTION AREA. THE PROPOSED PROJECT SHALL COMPLY WITH OMC 18.32.200 AND 18.32.225.

FIRE LANE STRIPING, PAINTED YELLOW ON TOP AND SIDE OF CURB, EXTENDING THE LENGTH OF THE DESIGNATED FIRE LANE. PAVEMENT NEXT TO THE CURB TO BE MARKED WITH MINIMUM 18" IN HEIGHT BLOCK LETTERING WITH MINIMUM 3" BRUSH STROKE LETTERING READING "NO PARKING - FIRE LANE."

ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, UNLESS OTHERWISE NOTED.

LEGEND

- PROPERTY LINE
- PROPOSED TRAFFIC BARRIER CURB
- PROPOSED CONCRETE CURB AND GUTTER
- PROPOSED BUILDING
- PROPOSED STANDARD DUTY PAVEMENT
- PROPOSED GRIND AND OVERLAY LIMITS
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED LANDSCAPE AREA
- NUMBER OF PARKING STALLS
- DENOTES ADA STALLS
- ADA/ENTRY SIGNAGE

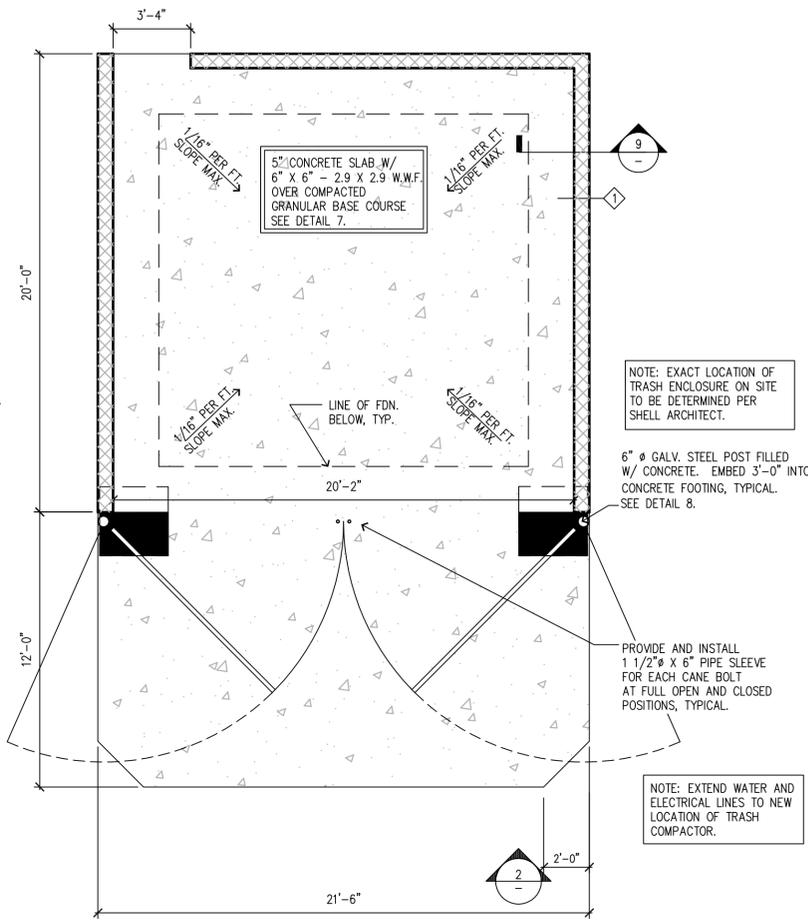


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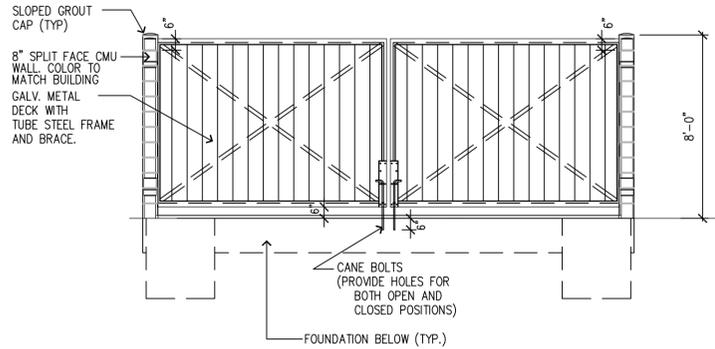
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SITE IMPROVEMENT PLAN
 C-10

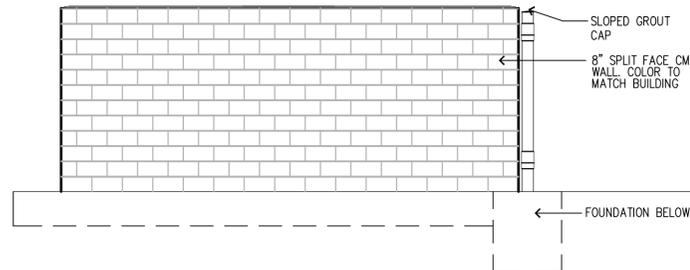
SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



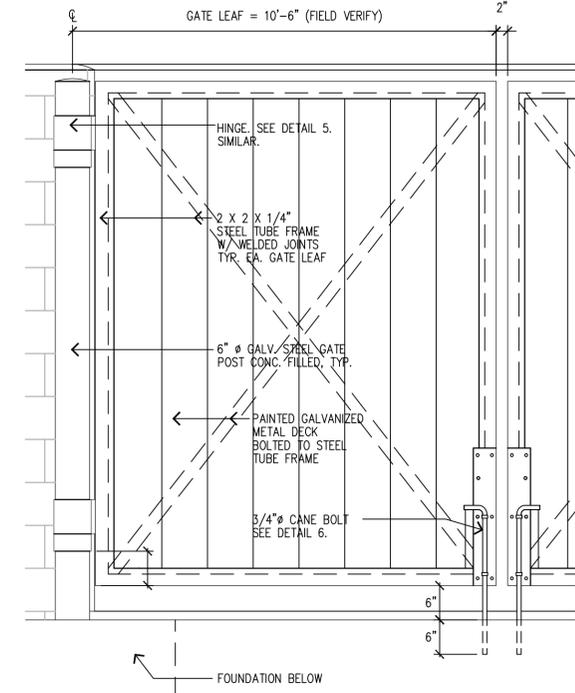
1 TRASH ENCLOSURE
SCALE: 1/4" = 1'-0"



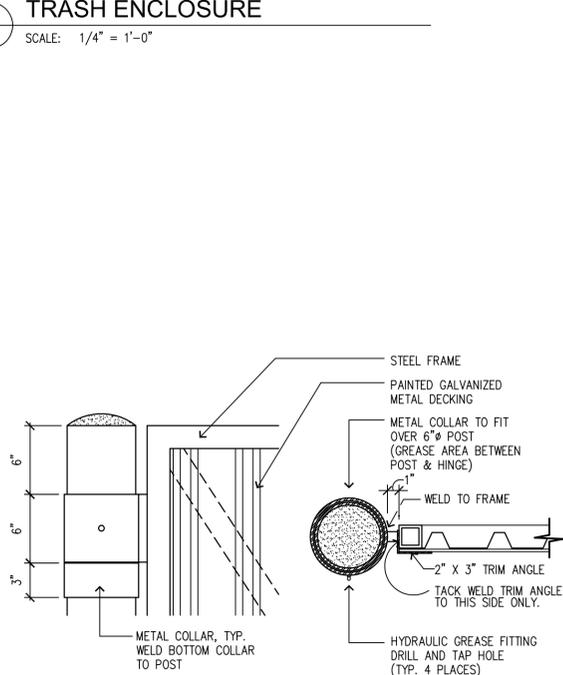
2 TRASH ENCLOSURE FRONT ELEVATION
SCALE: 1/4" = 1'-0"



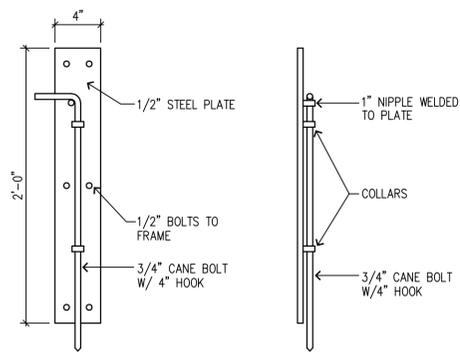
3 TRASH ENCLOSURE WEST ELEVATION
SCALE: 1/4" = 1'-0"



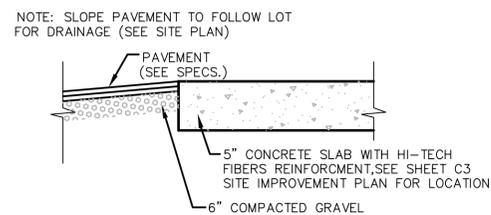
4 GATE LEAF DETAIL
SCALE: NTS



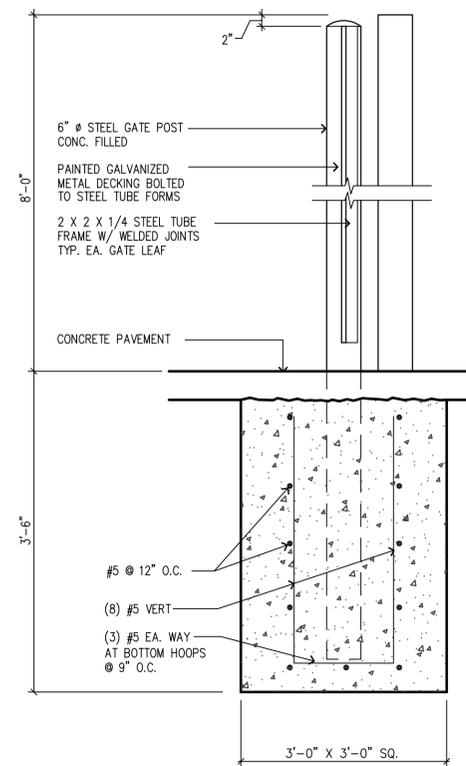
5 TRASH ENCLOSURE - GATE HINGE DETAIL
SCALE: 1 1/2" = 1'-0"



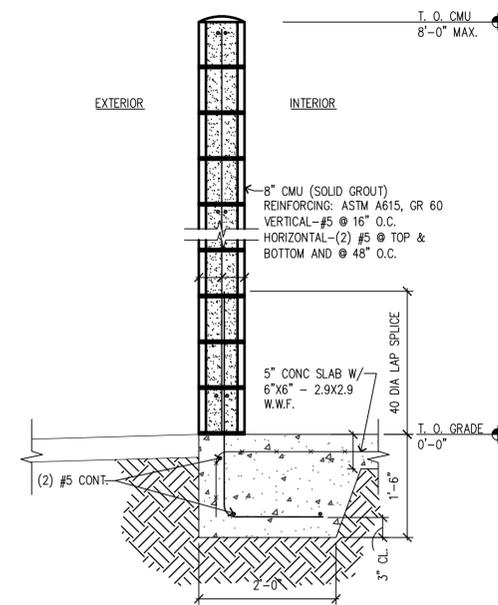
6 CANE BOLT DETAIL
SCALE: 1 1/2" = 1'-0"



7 D/T AND TRASH CORRAL PAD DETAIL
SCALE: 1 1/2" = 1'-0"



8 POST DETAIL
SCALE: 3/4" = 1'-0"



9 SECTION DETAIL
SCALE: 3/4" = 1'-0"

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4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Designed By:	JKG	Issue Date:	06/20/2013
Drawn By:	JKG	LAND USE/DESIGN REVIEW	
Checked By:	JET/PJM	Project No.	50127019



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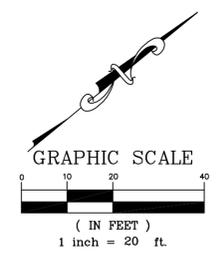
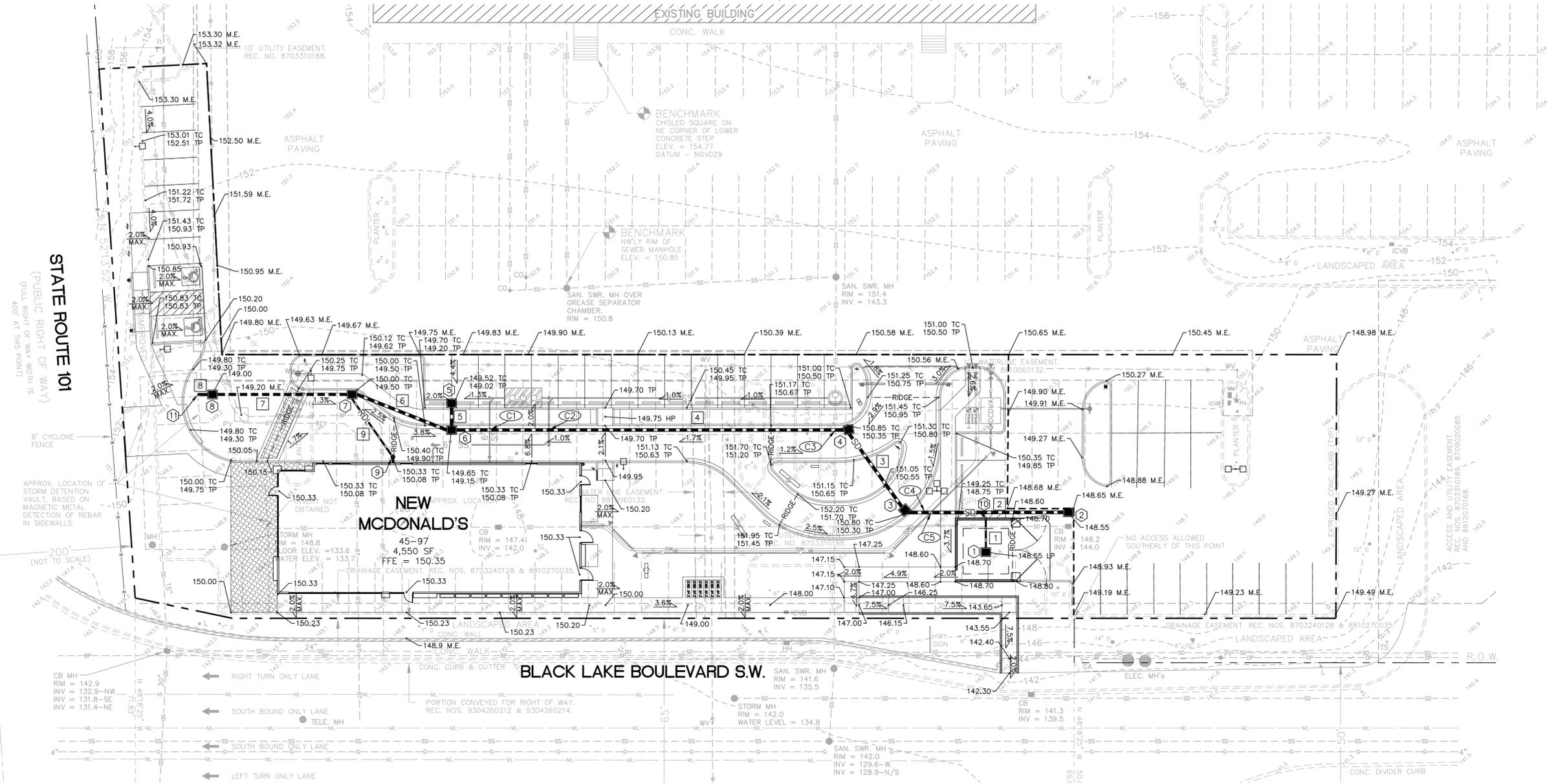
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TRASH ENCLOSURE DETAILS



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SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



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4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Issue Date: 06/20/2013
 Land Use/Design Review
 Project No. 50127019
 Designed By: JKG
 Drawn By: JKG
 Checked By: JET/PJM



#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION
1	CB TYPE 1 WITH DOWNTURN ELBOW * RIM = 148.55 12" IE = 145.44 6" IE = 147.05	6	CB TYPE 1 RIM = 149.15 12" IE = 145.44	10	6" TO 12" WYE CONNECTION 6" IE = 146.91 MATCH CROWN ELEV.
2	CB TYPE 1 RIM = 148.55 12" IE = 146.55	7	CB TYPE 1 RIM = 149.50 12" IE = 145.27 6" IE = 145.77	11	NEW DETENTION VAULT INLET. CONTRACTOR TO VERIFY INVERT ELEVATION PRIOR TO CONSTRUCTION. INFORM ENGINEER IMMEDIATELY IF INVERT ELEVATION IS HIGHER THAN 145.00.
3	CB TYPE 1 RIM = 150.30 12" IE = 146.28	8	CB TYPE 1 WITH DOWNTURN ELBOW * RIM = 149.00 12" IE = 145.04		
4	CB TYPE 1 RIM = 150.35 12" IE = 146.11	9	SDCO RIM = 150.05 6" IE = 147.05		
5	CB TYPE 1 RIM = 149.02 12" IE = 146.16				

* REFER TO DETAIL 5, SHEET C-2.2 FOR DOWNTURN ELBOW DETAIL.

PIPE #	DIAMETER	LENGTH (FT.)	SLOPE (FT./FT.)
1	6" D.I.	13	.011
2	12" D.I.	55	.005
3	12" D.I.	34	.005
4	12" D.I.	134	.005
5	12" D.I.	9	.080
6	12" D.I.	36	.005
7	12" D.I.	47	.005
8	12" D.I.	5	.008
9	6" RDL	27	.047

SPOT ELEVATIONS SHOWN ALONG CURB LINES ARE SHOWN AT TOP OF PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.

EXISTING GRADE	- - - - - 2557
PROPOSED GRADE	— 57
PROPOSED SPOT ELEVATION	— 57.5
SLOPE ARROW	— 2.0%
HIGH POINT	HP
LOW POINT	LP
TOP OF CURB	TC
TOP OF PAVEMENT	TP
TOP OF WALL	TW
BOTTOM OF WALL	BW
MATCH EXISTING	M.E.
ROOF DRAIN LINE	RDL
STORM DRAINAGE PIPE	SD
TYPE I CATCH BASIN	■
STORM DRAIN CLEANOUT	•

CROSSING	UTIL 1	UTIL 1 EL.* (CROWN)	UTIL 2	UTIL 2 EL.** (INVERT)	DELTA
C1	6" GW	144.00	12" SD	145.50	1.50'
C2	6" WW	144.30	12" SD	145.60	1.30'
C3	EX. 6" SS	140.37	12" SD	146.03	5.66'
C4	2" DOM	143.50	12" SD	146.26	2.76'
C5	6" FIRE LINE	143.50	12" SD	146.27	2.77'

* ALL UTILITY 1 ELEVATIONS ARE TO CROWN OF PIPE.
 ** ALL UTILITY 2 ELEVATIONS ARE TO INVERT OF PIPE.
 18" MIN. CLEARANCE WATER / SAN. SEWER
 6" MIN. CLEARANCE ALL OTHER CROSSINGS

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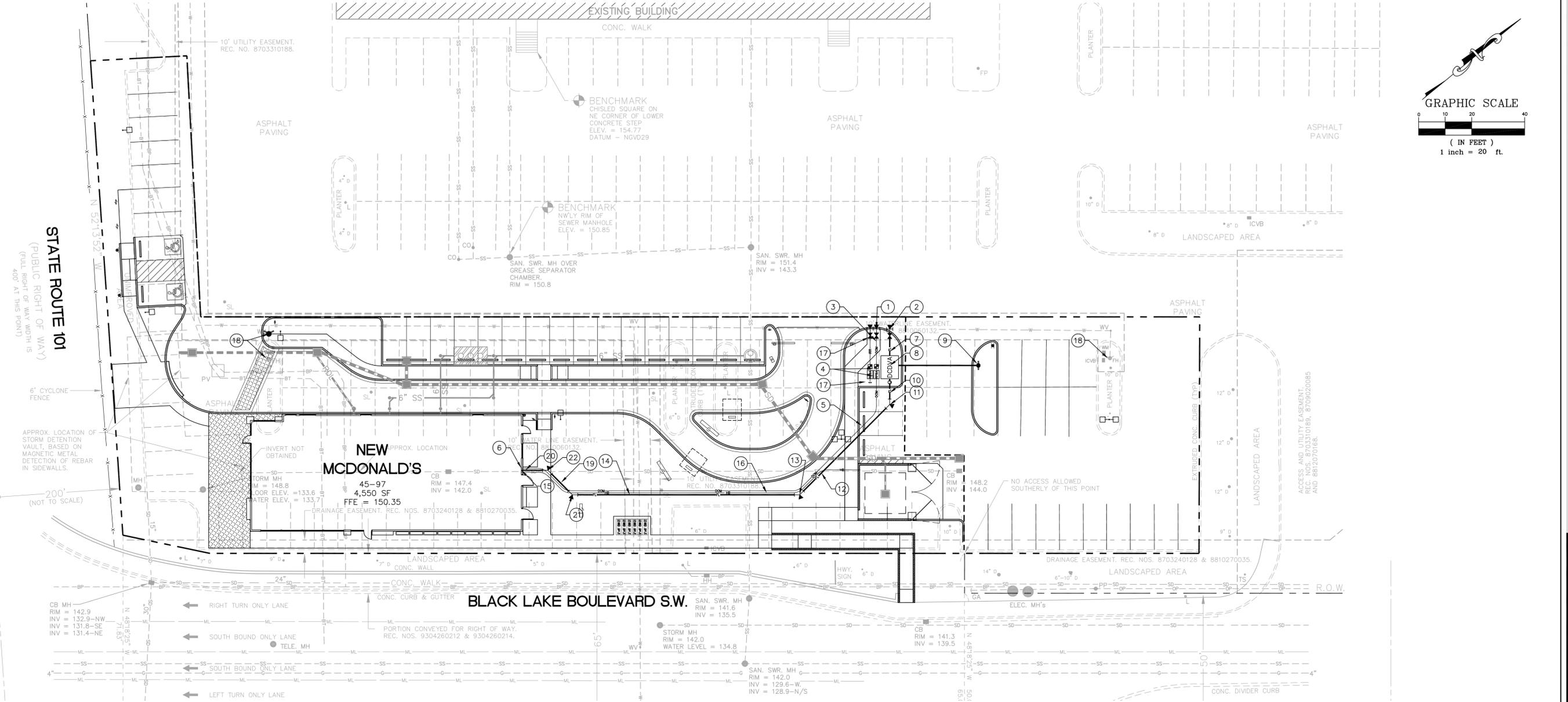
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GRADING AND DRAINAGE PLAN



Know what's below.
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C-2.0

SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



WATER SCHEDULE	
1	CONNECT NEW 2" DOMESTIC SERVICE TO EXISTING 10" WATER MAIN PER DETAIL 4, SHEET C-3.2. CONTRACTOR TO VERIFY EXISTING WATER MAIN LOCATION PRIOR TO CONSTRUCTION OF ANY PORTION OF PROPOSED WATER MAIN EXTENSION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2	CONNECT NEW 6" FIRE SERVICE TO EXISTING 10" WATER MAIN PER DETAIL 3, SHEET C-3.2. CONTRACTOR TO VERIFY EXISTING WATER MAIN LOCATION PRIOR TO CONSTRUCTION OF ANY PORTION OF PROPOSED WATER MAIN EXTENSION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3	12 LF 2" POLY DOMESTIC SERVICE
4	2" DOMESTIC WATER METER REDUCED PRESSURE BACKFLOW ASSEMBLY
5	164 LF 2" POLY DOMESTIC SERVICE
6	2" DOMESTIC WATER SERVICE ENTRY
7	10 LF 6" CLASS 52 D.I. FIRE LINE
8	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
9	FIRE DEPARTMENT CONNECTION 30 LF 6" CLASS 52 D.I. FIRE LINE
10	8 LF 6" CLASS 52 D.I. FIRE LINE WITH A POST INDICATOR VALVE
11	1-6" 45' BEND (MJ) WITH THRUST BLOCKING
12	48 LF 6" CLASS 52 D.I. FIRE LINE
13	1-6" 45' BEND (MJ) WITH THRUST BLOCKING
14	86 LF 6" CLASS 52 D.I. FIRE LINE
15	6" FIRE SERVICE ENTRY
16	134 LF 5/8" SERVICE TO HOSE CONNECTION IN TRASH ENCLOSURE
17	IRRIGATION POINT OF CONNECTION
18	EXISTING FIRE HYDRANT TO BE RELOCATED.
19	13 LF 6" CLASS 52 D.I. FIRE LINE
20	10 LF 6" CLASS 52 D.I. FIRE LINE
21	1-6" 45' BEND (MJ) WITH THRUST BLOCKING
22	1-6" 45' BEND (MJ) WITH THRUST BLOCKING

LEGEND	
6" FIRE LINE	FL
2" DOMESTIC LINE	DOM
5/8" HOSE BIB LINE	HB
WATER METER	
FIRE DEPARTMENT CONNECTION	
FIRE HYDRANT ASSEMBLY	
BEND/TEE WITH THRUST BLOCKING	
POST INDICATOR VALVE	
GATE VALVE	
DOUBLE DETECTOR CHECK VALVE ASSEMBLY	DDCVA
REDUCED PRESSURE BACKFLOW ASSEMBLY	



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Issue Date:	Project No.
06/20/2013	50127019



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WATER PLAN

SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.

GENERAL UTILITY NOTES (PACLAND)

- ALL IMPROVEMENTS SHALL MEET LOCAL, STATE DOT AND A.P.W.A. STANDARD SPECIFICATIONS.
- THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THIS PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON THE SURVEY PREPARED BY TIM HANSON AND ASSOCIATES, INC., DATED JULY 1ST, 2013. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED SITEWORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITEWORK WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY, AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- CAUTION - NOTICE TO CONTRACTOR**
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES AND EXISTING IMPROVEMENTS WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS ON THE PLANS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, SIDEWALKS, RAMPS AND TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- ALL FILL MATERIAL SHALL BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- MINIMUM WATER AND SANITARY SEWER TRENCH WIDTH SHALL BE 2 FEET.
- ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINE (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATERLINE SHALL BE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 AND ANSI 21.11 (AWWA C-151) (CLASS 50).
- LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARD TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRENCHING, BACKFILL, 2 - 4" PVC SCHEDULE 40 CONDUITS, AND PULLING WIRES FOR UNDERGROUND TELEPHONE SERVICE FROM EXISTING FACILITIES AS SHOWN ON PLANS. CONTRACTOR TO COORDINATE INSTALLATION AND POINT OF CONNECTION WITH UTILITY PROVIDER.
- CONTRACTOR IS TO PROVIDE TRENCHING, CONDUIT, AND BACKFILL FOR ALL UNDERGROUND POWER LINE AND VAULTS AS REQUIRED BY UTILITY PROVIDER. POWER LINES AND POLES TO BE INSTALLED BY UTILITY PROVIDER. SEE SITE ELECTRICAL PLAN FOR SITE LIGHTING AND FOR PRIMARY ELECTRIC SERVICE LOCATIONS.
- INSTALLATION OF THE GAS MAIN AND METER TO BE ACCOMPLISHED BY UTILITY PROVIDER.

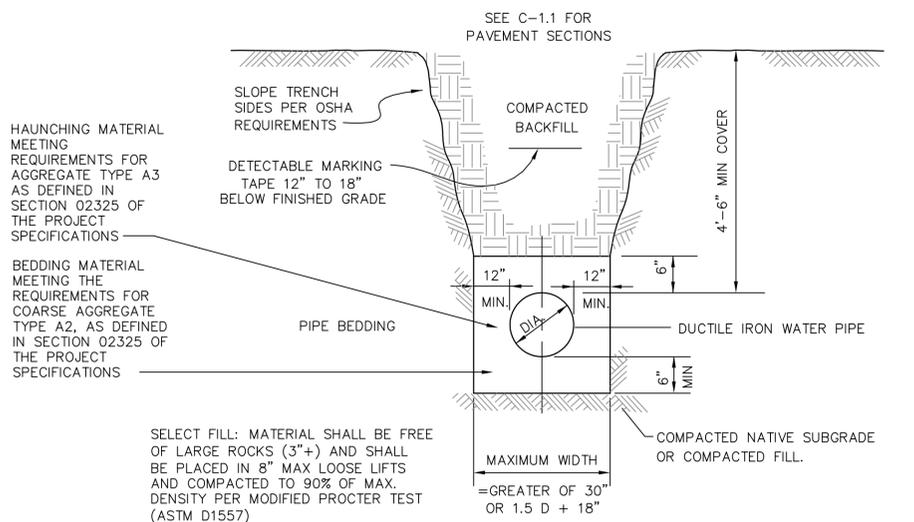
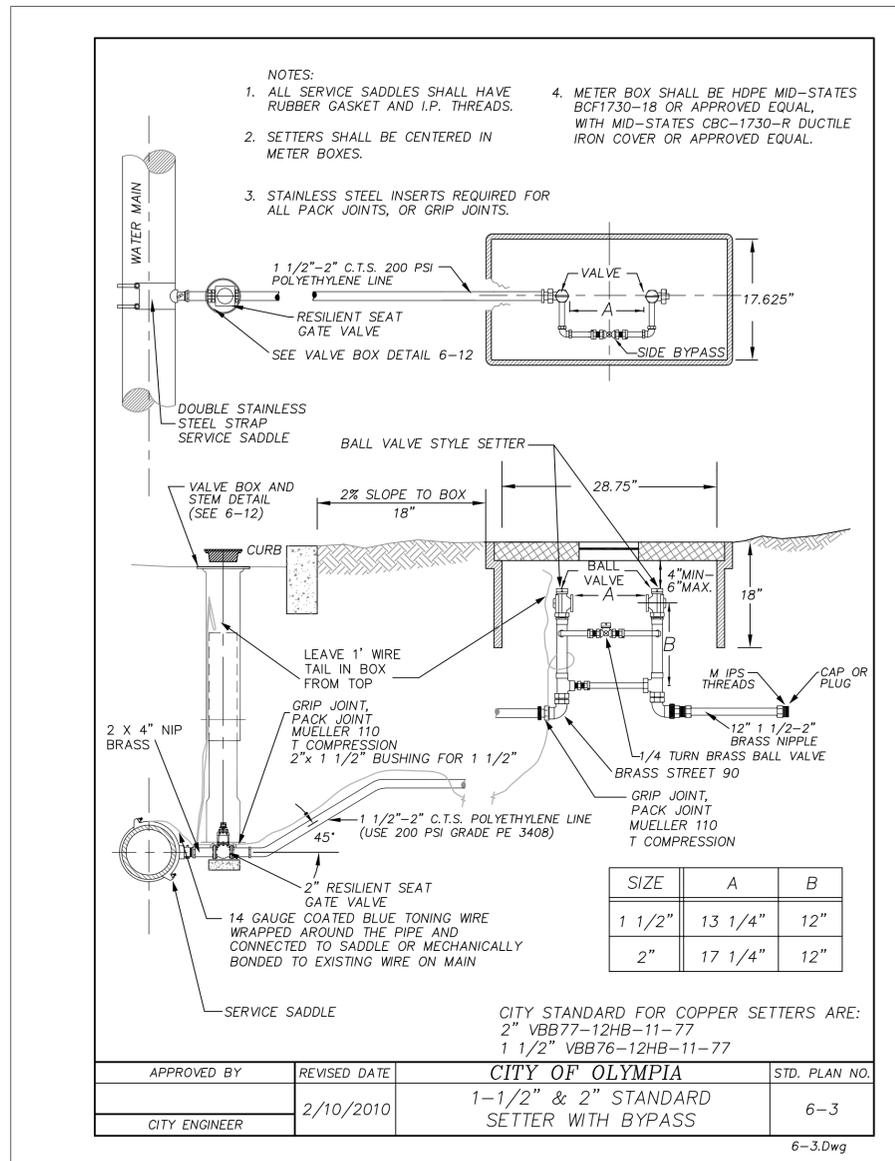
WATER NOTES (PACLAND)

- ALL CONSTRUCTION/INSTALLATION OF WATER MAINS SHALL BE DONE IN A SAFE, NEAT AND WORKMANLIKE MANNER, AND UNDER SUPERVISION BY UTILITY PROVIDER FORCES AT ALL TIMES. ALL SAFETY REQUIREMENTS FROM OSHA AND OTHER STATE REGULATING AGENCIES MUST BE MET.
- WATER MAIN PIPE MATERIAL SHALL BE CLASS 52 DUCTILE IRON OR PVC PIPE MEETING LOCAL REQUIREMENTS. POLYETHYLENE WRAP IS REQUIRED ON ALL METALS.
- AN 18-INCH MINIMUM SEPARATION IS REQUIRED ON SERVICE TAPS ON A MAIN LINE.
- CLASS 52 DUCTILE IRON MAY BE DIRECT TAPPED FOR 3/4 INCH AND 1-INCH SIZE SERVICES. SADDLES SHALL BE USED ON ALL TAPS 1-1/4" - 2" DIAMETER IN ANY PUBLIC MAIN.
- ALL ELBOWS/BENDS ON WATER MAINS SHALL HAVE THRUST BLOCKS.
- A DEPTH OF 42" FROM FINISHED GRADE TO THE TOP OF THE WATER MAIN IS REQUIRED. PLACING WATER LINES SHALLOWER THAN 42" IS PROHIBITED.
- ALL NEW PIPES MUST BE PROPERLY FLUSHED, PRESSURE TESTED, AND CHLORINATED BY THE CONTRACTOR, AND INSPECTED BY UTILITY PROVIDER AND GOVERNMENTAL AGENCIES WITH JURISDICTION.
- ALL BACKFLOW PREVENTION DEVICES (DOUBLE CHECK BACKFLOW PREVENTORS, REDUCED PRESSURE BACKFLOW PREVENTORS, PRESSURE AND ATMOSPHERIC VACUUM BREAKERS, ETC.) MUST BE APPROVED BY THE UTILITY PROVIDER AND GOVERNMENTAL AGENCIES WITH JURISDICTION.
- ALL NEW CONNECTIONS TO EXISTING WATER MAINS REQUIRE ISSUANCE OF A PUBLIC WORKS PERMIT AND INSPECTION BY THE CITY OR GOVERNMENTAL AGENCIES WITH JURISDICTION PRIOR TO BACKFILLING.
- BACKFLOW PREVENTION DEVICES SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIALS.

GENERAL NOTES

WATER MAIN INSTALLATION (CITY OF OLYMPIA)

- ALL WORKMANSHIP AND MATERIAL WILL BE IN ACCORDANCE WITH THE CITY OF OLYMPIA ENGINEERING DESIGN AND DEVELOPMENT STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR EXTERNAL LINKROAD, BRIDGE AND MUNICIPAL CONSTRUCTION; WASHINGTON STATE DEPARTMENT OF HEALTH (DOH) EXTERNAL LINK REGULATIONS; CITY OF OLYMPIA WATER SYSTEM PLAN 2009-2014 AND AMERICAN WATER WORKS ASSOCIATION EXTERNAL LINK STANDARDS.
- A PRECONSTRUCTION MEETING WILL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION.
- ALL LINES WILL BE CHLORINATED AND TESTED IN CONFORMANCE WITH THE ABOVE-REFERENCED SPECIFICATION (NOTE 1).
- THE CONTRACTOR WILL PROVIDE TRAFFIC CONTROL PLAN(S) AS REQUIRED IN ACCORDANCE WITH THE CURRENT WSDOT SPECIFICATIONS EXTERNAL LINK AND MUTCD EXTERNAL LINK.
- ALL WATER MAINS WILL BE STAKED FOR GRADES AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK. STAKING WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- ALL WATER SYSTEM CONNECTIONS TO SERVE BUILDINGS OR PROPERTIES WITH DOMESTIC POTABLE WATER, FIRE SPRINKLER SYSTEMS, OR IRRIGATION SYSTEMS WILL COMPLY WITH THE MINIMUM BACKFLOW PREVENTION REQUIREMENTS AS ESTABLISHED BY THE WASHINGTON STATE DEPARTMENT OF HEALTH AND THE CITY OF OLYMPIA IN ITS CROSS CONNECTION PROGRAM EXTERNAL LINK.
- CALL UNDERGROUND LOCATE EXTERNAL LINK AT 1-800-424-5555 A MINIMUM OF 2 BUSINESS DAYS BEFORE COMMENCING ANY EXCAVATION. UNDERGROUND UTILITY LOCATES WILL BE PERFORMED ONCE. IT IS THE RESPONSIBILITY OF THE REQUESTOR TO MAINTAIN THE MARKINGS AFTER THE INITIAL LOCATE IN ACCORDANCE WITH RCW 19.122.
- THE CITY REQUIRES 10 WORKING DAYS WRITTEN NOTICE FOLLOWING APPLICATION AT THE COMMUNITY PLANNING AND EXTERNAL LINK DEVELOPMENT DEPARTMENT TO SCHEDULE SHUTDOWNS. THE WRITTEN NOTICE WILL BE COORDINATED WITH THE CITY INSPECTOR. THE CITY OF OLYMPIA DRINKING WATER OPERATIONS OR CITY INSPECTOR WILL PERFORM THE SHUTDOWN.
- AT ANY CONNECTION TO AN EXISTING LINE WHERE A NEW VALVE IS NOT INSTALLED, THE EXISTING VALVE MUST BE PRESSURE TESTED TO CITY STANDARDS BY THE CONTRACTOR PRIOR TO CONNECTION. IF AN EXISTING VALVE FAILS TO PASS THE TEST, THE CONTRACTOR WILL MAKE THE NECESSARY PROVISIONS TO TEST THE NEW LINE PRIOR TO CONNECTION TO THE EXISTING SYSTEM OR INSTALL A NEW VALVE.
- AT ANY WATER MAIN TAP TO EXISTING CITY MAINS WHERE THE CONTRACTOR ENCOUNTERS A COUPLING OR EXISTING ASSEMBLIES, THE CONTRACTOR WILL PROVIDE A MINIMUM OF 18 INCHES OF CLEARANCE FROM COUPLING OR ASSEMBLIES TO EDGE OF TAPPING SLEEVE.
- ANY WATER MAIN TAP OR CONNECTION WILL BE BLOCKED ACCORDING TO THE CITY OF OLYMPIA STANDARD PLANS.
- ANY EXCAVATION THAT EXPOSES AN ASBESTOS CEMENT WATER MAIN OR THE CITY 36 INCH WATER TRANSMISSION MAIN SHALL BE BEDDED WITH CONTROLLED DENSITY FILL (CDF) PURSUANT TO THE WSDOT SPECIFICATIONS EXTERNAL LINK FOR CDF. AS AN OPTION THE CONTRACTOR MAY CHOOSE TO REPLACE THE ASBESTOS PIPE AT ANY CROSSING WITH DUCTILE IRON PIPE BENCHED INTO BOTH TRENCH WALLS. THE CONTRACTOR WILL COORDINATE WITH THE CITY INSPECTOR TO HAVE A CITY OF OLYMPIA DRINKING WATER OPERATIONS STAFF MEMBER ON SITE BEFORE CONSTRUCTION BEGINS.
- BEFORE CUTTING OR REMOVING ANY EXISTING ASBESTOS PIPE THE CONTRACTOR WILL SUPPLY THE CITY OF OLYMPIA INSPECTOR A COPY OF THE WORKMAN'S CERTIFICATIONS TO WORK WITH ASBESTOS PIPE. THE CONTRACTOR WILL CONFORM TO ALL REGULATIONS AND GUIDANCE RELATED TO ASBESTOS WORK PROVIDED BY THE OLYMPIC REGION CLEAN AIR AGENCY.



TYPICAL WATERMAIN TRENCH AND BEDDING DETAILS

No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW SUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW SUBMITTAL
3	09/17/2013	PACLAND	DESIGN REVIEW SUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Designed By:	JKG	Issue Date:	06/20/2013
Drawn By:	JKG	LAND USE/DESIGN REVIEW	
Checked By:	JET/PJM	Project No.	50127019



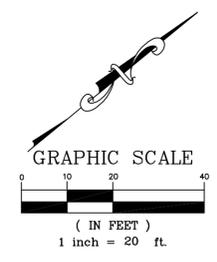
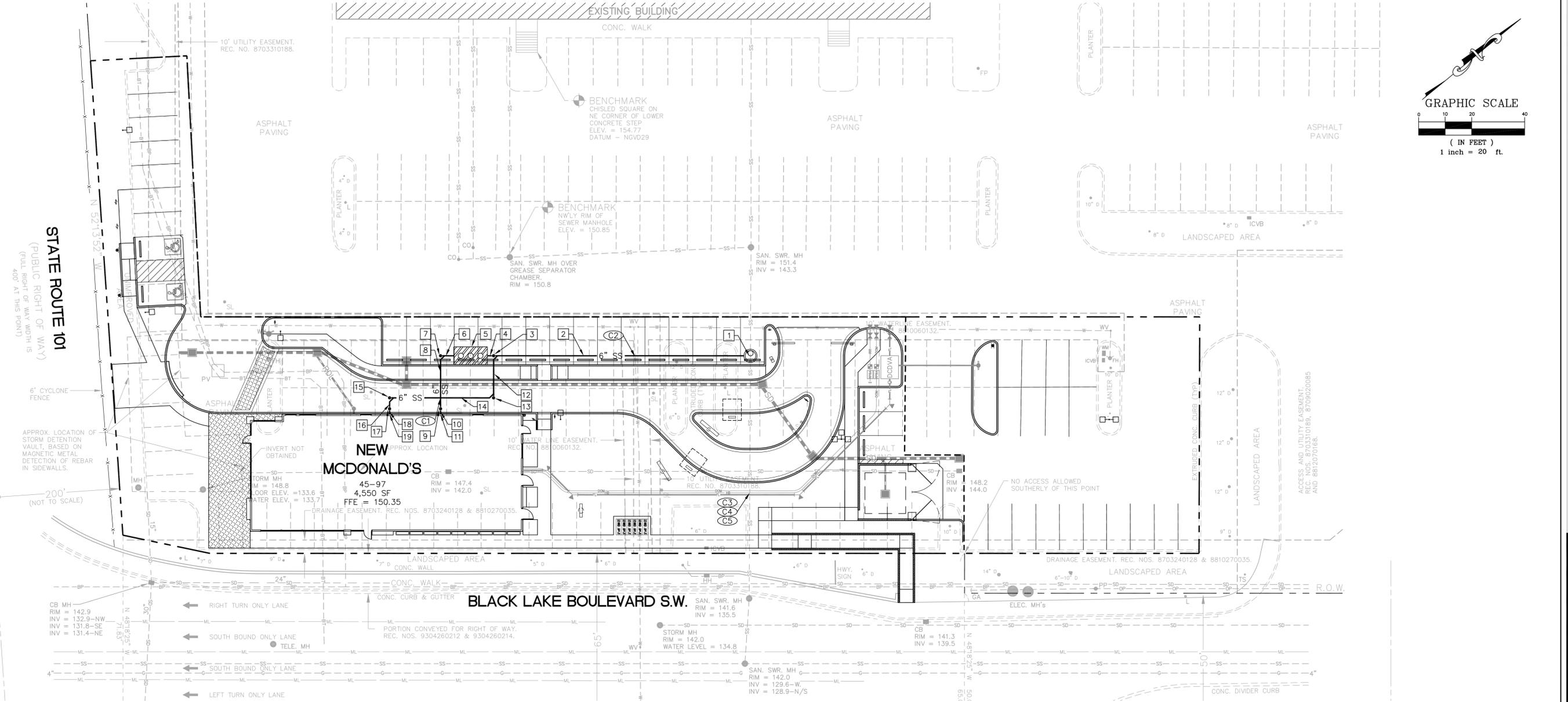
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WATER NOTES AND DETAILS



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SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW RESUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW RESUBMITTAL
3	09/17/2013	PACLAND	DESIGN REVIEW RESUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW RESUBMITTAL

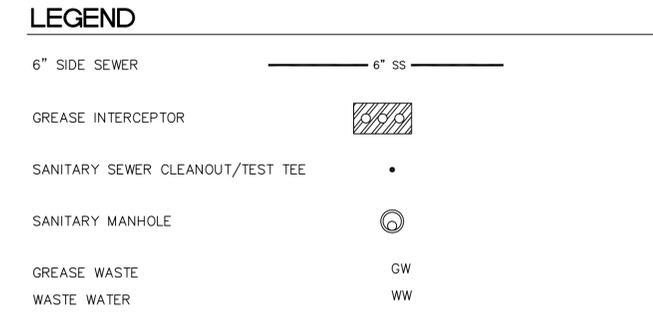
Designed By: JKG	Issue Date: 06/20/2013
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Checked By: JET/PJM	Project No.: 50127019



CROSSING	UTIL 1	UTIL 1 EL.* (CROWN)	UTIL 2	UTIL 2 EL.** (INVERT)	DELTA
C1	6" GW	144.10	6" WW	144.60	0.50'
C2	6" WW	142.37	EX 10" WA	145.00	2.63'
C3	EX. 6" SS	138.40	2" DOM	144.00	5.60'
C4	EX. 6" SS	138.35	5/8" HOSE BIB	144.00	5.65'
C5	EX. 6" SS	138.30	6" FIRE LINE	144.00	5.70'

*ALL UTILITY 1 ELEVATIONS ARE TO CROWN OF PIPE.
 **ALL UTILITY 2 ELEVATIONS ARE TO INVERT OF PIPE.
 18" MIN. CLEARANCE, WATER / SAN. SEWER
 6" MIN. CLEARANCE ALL OTHER CROSSINGS

1	CONNECT TO EXISTING 6" SANITARY SIDE SEWER WITH A NEW SANITARY SEWER MANHOLE PER CITY OF OLYMPIA SEWER DISTRICT DETAILS AND REQUIREMENTS. CONTRACTOR TO VERIFY SANITARY SIDE SEWER LOCATION, SIZE, AND ELEVATION PRIOR TO CONSTRUCTION OF ANY PORTION OF THE PROPOSED SANITARY SEWER SYSTEM. NOTIFY ENGINEER OF ANY DISCREPANCIES. RIM = 150.45 APPROX. I.E. = 141.00±	6	5 LF 6" GW @ 2.0% MIN
2	97 LF 6" WW @ 2.0% MIN.	7	SANITARY SEWER CLEANOUT RIM = 149.28 I.E. = 143.28
3	WYE CONNECTION AND TESTING TEE CLEANOUT PER DETAIL 2, SHEET C-3.7. RIM = 149.54 I.E. = 142.94	8	20 LF 6" GW @ 2.0% MIN.
4	2 LF 6" GW @ 2.0% MIN	9	SANITARY SEWER CLEANOUT RIM = 149.98 I.E. = 143.68
5	2,000 GALLON GREASE INTERCEPTOR SINGLE VAULT SYSTEM, UTILITY VAULT 612-GA. WEST RIM = 149.39 EAST RIM = 149.47 IE (IN) = 143.18 IE (OUT) = 142.98 CONTRACTOR TO PROVIDE VENTING AS REQUIRED BY UNIFORM PLUMBING CODE.	10	2 LF 6" GW @ 2.0% MIN.
		11	6" GREASE WATER ENTRY APPROX. I.E. = 143.72
		12	16 LF 6" WW @ 7.9%
		13	SANITARY SEWER CLEANOUT RIM = 149.71 I.E. = 144.20
		14	39 LF 6" WW @ 2.0% MIN.
		15	SANITARY SEWER CLEANOUT RIM = 149.77 I.E. = 144.98
		16	4 LF 6" WW @ 2.0% MIN.
		17	SANITARY SEWER CLEANOUT RIM = 150.00 I.E. = 145.06
		18	2 LF 6" WW @ 2.0% MIN.
		19	6" WASTE WATER ENTRY APPROX. I.E. = 145.10



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 Bellevue, WA 98004



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SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.

GENERAL UTILITY NOTES (PACLAND)

- ALL IMPROVEMENTS SHALL MEET LOCAL, STATE DOT AND A.P.W.A. STANDARD SPECIFICATIONS.
- THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THIS PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON THE SURVEY PREPARED BY TIM HANSON AND ASSOCIATES, INC., DATED JULY 1ST, 2013. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED SITework IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITework WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY, AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- CAUTION - NOTICE TO CONTRACTOR**
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES AND EXISTING IMPROVEMENTS WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS ON THE PLANS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, SIDEWALKS, RAMPS AND TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- ALL FILL MATERIAL SHALL BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- MINIMUM WATER AND SANITARY SEWER TRENCH WIDTH SHALL BE 2 FEET.
- ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINE (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATERLINE SHALL BE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 AND ANSI 21.11 (AWWA C-151) (CLASS 50).
- LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARD TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRENCHING, BACKFILL, 2 - 4" PVC SCHEDULE 40 CONDUITS, AND PULLING WIRES FOR UNDERGROUND TELEPHONE SERVICE FROM EXISTING FACILITIES AS SHOWN ON PLANS. CONTRACTOR TO COORDINATE INSTALLATION AND POINT OF CONNECTION WITH UTILITY PROVIDER.
- CONTRACTOR IS TO PROVIDE TRENCHING, CONDUIT, AND BACKFILL FOR ALL UNDERGROUND POWER LINE AND VAULTS AS REQUIRED BY UTILITY PROVIDER. POWER LINES AND POLES TO BE INSTALLED BY UTILITY PROVIDER. SEE SITE ELECTRICAL PLAN FOR SITE LIGHTING AND FOR PRIMARY ELECTRIC SERVICE LOCATIONS.
- INSTALLATION OF THE GAS MAIN AND METER TO BE ACCOMPLISHED BY UTILITY PROVIDER.

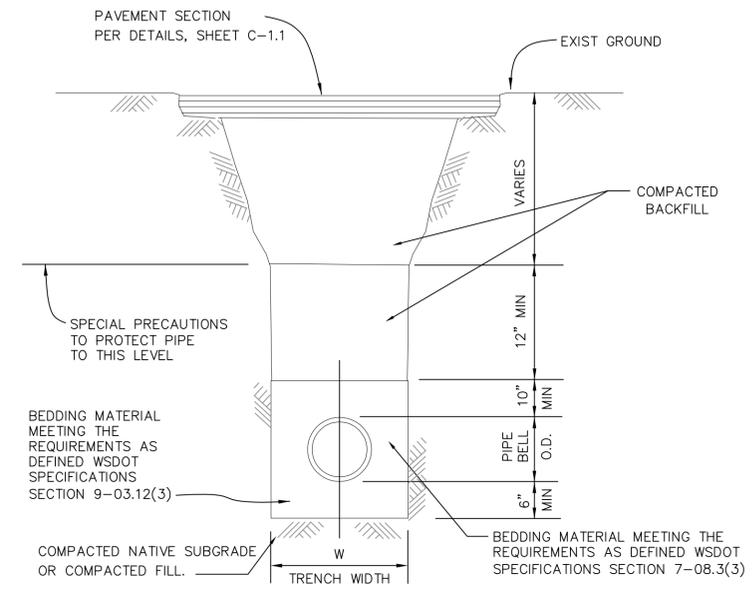
SANITARY SEWER NOTES (PACLAND)

- ALL CONSTRUCTION/INSTALLATION OF SANITARY SEWER MAINS SHALL BE DONE IN A SAFE, NEAT AND PROFESSIONAL MANNER, AND UNDER SUPERVISION OF CITY FORGES AT ALL TIMES. ALL SAFETY REQUIREMENTS FROM OSHA AND OTHER STATE REGULATORY AGENCIES MUST BE MET.
- THE MINIMUM SIZE FOR PUBLIC SEWER MAINS SHALL BE 8" DIAMETER. ALL SANITARY SEWER PIPING SHALL BE SCHEDULE D3034 PVC OR EQUAL. MINIMUM PIPE DIAMETER FOR PRIVATE LATERALS IS 6" AND OF SCHEDULE D3034 PVC OR EQUAL. ALL SANITARY SEWER LATERALS MUST BE PROPERLY MARKED AT ENDS.
- CONNECTIONS INTO THE EXISTING SANITARY SEWER MAINS REQUIRE ISSUANCE OF PUBLIC WORKS PERMIT AND INSPECTION BY THE LOCAL JURISDICTION PRIOR TO BACKFILLING.
- ALL NEW SANITARY SEWER PIPES AND MANHOLES MUST BE THOROUGHLY CLEANED, INSPECTED AND PRESSURE/VACUUM TESTED AS REQUIRED BY UTILITY PROVIDER AND GOVERNMENTAL AGENCIES WITH JURISDICTION. ALL TESTS MUST BE WITNESSED AND PASSED BY THE UTILITY PROVIDER AND GOVERNMENTAL AGENCIES WITH JURISDICTION PRIOR TO PLACING INTO OPERATION.
- THE CONTRACTOR SHALL PROVIDE TO THE UTILITY PROVIDER ANY GUARANTEE OR WARRANTY NORMALLY FURNISHED WITH THE PURCHASE OF ANY MATERIALS USED IN CONNECTION WITH THE PROJECT AT HAND.

GENERAL NOTES (CITY OF OLYMPIA SANITARY SEWER MAIN INSTALLATION)

- ALL WORKMANSHIP AND MATERIALS WILL BE IN ACCORDANCE WITH CITY OF OLYMPIA STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR EXTERNAL LINKROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (WSDOT/APWA).
- CITY OF OLYMPIA DATUM SHALL BE USED FOR ALL VERTICAL CONTROL. A LIST OF BENCHMARKS IS AVAILABLE FROM THE PUBLIC WORKS DEPARTMENT EXTERNAL LINK.
- ALL APPROVALS AND PERMITS REQUIRED BY THE CITY OF OLYMPIA SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- IF CONSTRUCTION IS TO TAKE PLACE IN THE COUNTY RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS.
- A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE CITY OF OLYMPIA CONSTRUCTION INSPECTOR PRIOR TO THE START OF CONSTRUCTION.
- THE CITY OF OLYMPIA CONSTRUCTION INSPECTOR SHALL BE NOTIFIED A MINIMUM OF 48 HOURS (TWO WORKING DAYS) IN ADVANCE OF A TAP CONNECTION TO AN EXISTING MAIN. THE INSPECTOR SHALL BE PRESENT AT THE TIME OF THE TAP.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE EXTERNAL LINK AT 1-800-424-5555 A MINIMUM OF 48 HOURS (TWO WORKING DAYS) PRIOR TO ANY EXCAVATION.
- ALL SEWER MAINS SHALL BE FIELD STAKED FOR GRADES AND ALIGNMENT BY A LICENSED ENGINEERING OR SURVEYING FIRM QUALIFIED TO PERFORM SUCH WORK. STAKING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- ALL PIPE AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS TRACER TAPE INSTALLED 12 INCHES TO 18 INCHES UNDER THE PROPOSED FINISHED SUBGRADE. THE MARKER SHALL BE PLASTIC NON-BIODEGRADABLE METAL CORE OR BACKING, MARKED "SEWER" THAT CAN BE DETECTED BY A STANDARD METAL DETECTOR. IF VISIBILITY CANNOT BE MAINTAINED BETWEEN STRUCTURES ALONG THE STRAIGHT ALIGNMENT OF A SEWER, TONING WIRE SHALL BE INSTALLED ABOVE THE SEWER LINE AT A DEPTH NO GREATER THAN 48 INCHES.

- IF TONING WIRE IS REQUIRED, IT SHALL BE GREEN, UL LISTED, TYPE UF, 14-GAUGE COPPER TAPED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT DURING BACKFILLING. THE WIRE SHALL BE LAID LOOSELY ENOUGH TO PREVENT STRETCHING AND DAMAGE. THE WIRE SHALL BE WRAPPED TO MANHOLE OR CLEANOUT RINGS ON GRAVITY SEWERS OR VALVE BODY ON STEP MAINS AND FORCE MAINS.
- A 1-POUND MAGNESIUM ANODE SHALL BE BURIED WITH THE PIPE EVERY 1,000 LINEAR FEET MAXIMUM FOR CATHODIC PROTECTION OF THE WIRE. TONING WIRE SPLICES AND CONNECTIONS TO ANODES SHALL JOIN WIRES BOTH MECHANICALLY AND ELECTRICALLY AND SHALL EMPLOY EPOXY RESIN OR HEAT-SHRINK TAPE INSULATION. TONING WIRE SHALL BE TESTED PRIOR TO ACCEPTANCE OF THE PIPE SYSTEM. A WRITTEN NOTICE FROM THE CONTRACTOR TO THE CITY TWO DAYS PRIOR TO THE TEST IS REQUIRED. ON A CURVILINEAR SEWER, THE WIRE SHALL BE BROUGHT UP, BARED, AND WRAPPED THREE TIMES AROUND THE MANHOLE RING. TAPE SHALL BE TERRA TAPE "D" OR APPROVED EQUAL. THE TAPE AND WIRE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- BEDDING OF THE SEWER MAIN AND COMPACTION OF THE BACKFILL MATERIAL SHALL BE REQUIRED IN ACCORDANCE WITH THE ABOVE-MENTIONED SPECIFICATION (SEE GENERAL NOTE 1).
 - ALL MANHOLES OR CLEANOUTS OUTSIDE THE PAVED AREA SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS 7-3 AND 7-5.
 - WHEN TEMPORARY STREET PATCHES ARE ALLOWED BY THE CITY, COLD MIX ASPHALT SHALL BE PLACED AND COMPACTED TO A MAXIMUM DEPTH OF 2 INCHES. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AS REQUIRED BY THE CITY.
 - EROSION CONTROL MEASURES CONFORMING TO THE REQUIREMENTS OF THE DRAINAGE DESIGN AND EROSION CONTROL MANUAL FOR OLYMPIA EXTERNAL LINK SHALL BE TAKEN BY THE CONTRACTOR DURING CONSTRUCTION TO PREVENT INFILTRATION OF EXISTING AND PROPOSED STORM DRAINAGE FACILITIES AND ROADWAYS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM EXTERNAL LINK TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED. PRIOR TO DISRUPTION OF ANY TRAFFIC, THE CITY SHALL APPROVE TRAFFIC CONTROL PLANS PREPARED AND SUBMITTED BY THE CONTRACTOR. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THE APPROVED CONSTRUCTION PLANS ON SITE AT ALL TIMES.
 - ANY CHANGES TO THE DESIGN SHALL FIRST BE REVIEWED AND APPROVED BY THE DEVELOPER'S PROJECT ENGINEER AND THE CITY ENGINEER.
 - AFTER BACKFILLING, BUT PRIOR TO PAVING, ALL MAINS AND APPURTENANCES SHALL BE INSPECTED AND APPROVED BY THE CITY OF OLYMPIA CONSTRUCTION INSPECTOR. APPROVAL DOES NOT CONSTITUTE FINAL ACCEPTANCE OF THE SEWER LINE. THE CONTRACTOR SHALL RETAIN THE RESPONSIBILITY TO REPAIR ALL DEFICIENCIES AND FAILURES REVEALED DURING ALL REQUIRED TESTING FOR ACCEPTANCE AND THROUGH THE DURATION OF THE WARRANTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF OLYMPIA FOR THE REQUIRED INSPECTIONS. ANY MAIN OR APPURTENANCE BACKFILLED PRIOR TO INSPECTION SHALL BE RE-EXCAVATED FOR INSPECTION.
 - ALL SAFETY STANDARDS AND REQUIREMENTS SHALL BE COMPLIED WITH AS SET FORTH BY OSHA EXTERNAL LINK, WISHA EXTERNAL LINK AND WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES



- NOTES:**
- MINIMUM TRENCH WIDTH SHALL BE THE PIPE O.D. + 24" (12" EACH SIDE OF PIPE).
 - MAXIMUM TRENCH WIDTH:
 - 15" DIA. PIPE AND SMALLER - 40"
 - 18" DIA. PIPE AND LARGER - 1.5 x I.D.+18"

TYPICAL SANITARY SEWER TRENCH DETAIL 1 NTS

No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW SUBMITTAL
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3	09/17/2013	PACLAND	DESIGN REVIEW SUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Designed By:	JKG	Issue Date:	06/20/2013
Drawn By:	JKG	LAND USE/DESIGN REVIEW	
Checked By:	JET/PJM	Project No.	50127019



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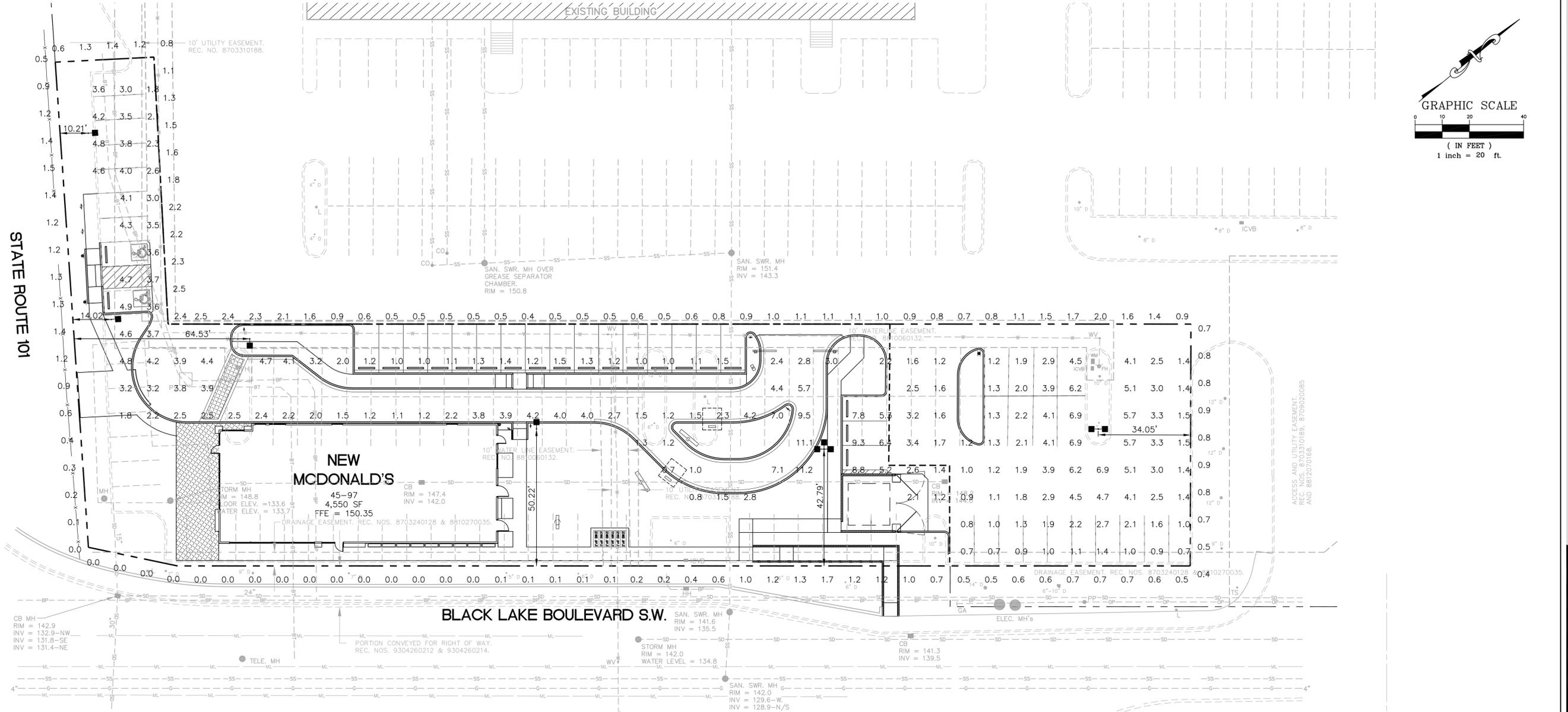
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SANITARY SEWER NOTES AND DETAILS



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SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



No.	Date	By	Revision Description
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Checked By: JET/PJM	Project No.: 50127019

** - SPECIFY COLOR

NOTE: ALL POLES ARE DRILLED

FIXTURE TYPE:	SYMBOL	FIXTURE QUANTITY	CONFIG	QUANTITY	EPA	MOUNTING HEIGHT	LLF	POLE TYPE:	QUANTITY	WIND LOAD	ALLOWED EPA
RSB/RCS-320PSMH-**-3-MT	■	9	SGL	4	2.10	21'	0.75	SSP-4118-GL-**(4")	6	90mph	13.8
			DBL180	1	4.20						
			TRPL90	1	5.00						

PAVED SURFACE READINGS

Average	3.0
Maximum	11.2
Minimum	0.7
Avg:Min	4.25
Max:Min	16.00

PROPERTY LINE READINGS

Average	0.9
Maximum	2.5
Minimum	0.0

- NOTES:
1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
 2. THE CONTRIBUTION OF THE SOFFIT / BUILDING LIGHTING IS NOT REFLECTED ON THE DRAWING UNLESS SOFFIT / BUILDING LIGHTING IS SPECIFIED IN THE FIXTURE SCHEDULE BELOW.
 3. DISTANCE BETWEEN READINGS 10'
 4. FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJOINING PROPERTIES OR ROADWAYS.

* PROJECT WIND LOAD CRITERIA BASED ON:
ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH)
50 YEAR MEAN RECURRENCE INTERVAL

THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

TIMING DEVICE AND HOUR OF ILLUMINATION NOTE:

THE PROPOSED MCDONALD'S WILL OPERATE 24 HOURS A DAY. ALL EXTERIOR LIGHTING IS CONTROLLED BY THE ENERGY MANAGEMENT SYSTEM AND ASTRONOMICAL TIME CLOCK WITH A ROOF MOUNTED PHOTOCELL. EMS AND TIME CLOCK ARE PROGRAMMED TO TURN LIGHTS ON AT SUNSET AND TURN THEM OFF AT SUNRISE. IF IT HAPPENS TO GET DARK OR LIGHT EARLIER OR LATER THE PHOTO CELL WILL OVERRIDE THE EMS AND TIME CLOCK AND TURN THE LIGHTS ON OR OFF AT THAT TIME.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
TOLERANCES NOT OTHERWISE SPECIFIED

DECIMAL: .XX ± 0.15	FRACTIONAL: XXX/1000	ANGULAR: ± 1°
---------------------	----------------------	---------------

SCALE 1" = 20' DATE 05/17/13

DRAWN BY MJW

CHECKED BY

APPROVED BY

APPROVED BY FINISH

SHEP ORDER MATERIAL

PROJECT NO.

811 LIGHTING
Performance Designed Lighting Products
1885 Johnson Dr., Buffalo Grove, Illinois 60089
1-800-244-8866

POINT-BY-POINT FOOTCANDLE PLOT FOR
- McDonald's -
OLYMPIA, WA

DRAWING NUMBER
1PCP27670A



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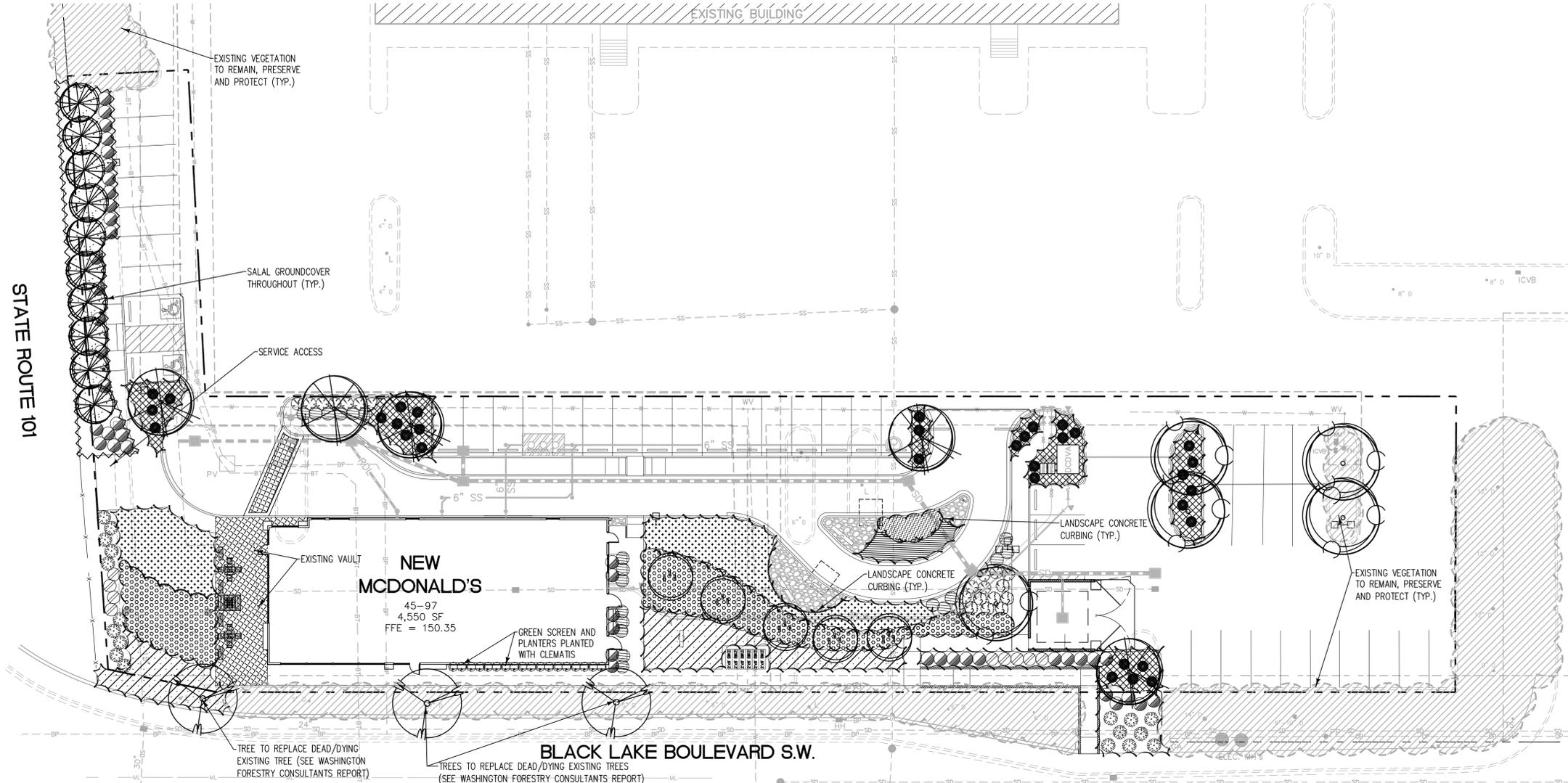
11400 SE 8th St.
Suite 345
Bellevue, WA 98004

McDonald's
RESTAURANT DEVELOPMENT
PORTION OF 1313 COOPER POINT ROAD SW
OLYMPIA, WASHINGTON 98502

LIGHTING PLAN

C-3.8

SECTION 21, TOWNSHIP 18N, RANGE 2W. W.M.



LANDSCAPE CALCULATIONS:

1. PARKING LOT LANDSCAPING	TOTAL PARKING STALLS (43 STANDARD, 3 COMPACT) = 46 STALLS
	REQUIRED PARKING LOT LANDSCAPING = 1,583 S.F.
	35 S.F. PER STANDARD STALL
	26 S.F. PER COMPACT STALL
	PROVIDED PARKING LOT LANDSCAPING = 1,859 S.F.
2. PARKING LOT TREES	TOTAL BUILDABLE AREA OF SITE = 1,859 S.F.
	REQUIRED PARKING LOT TREES (1 PER 200 S.F.) = 10 TREES
	PROVIDED PARKING LOT TREES = 10 TREES
3. TREE DENSITY CALCULATIONS	TOTAL BUILDABLE AREA OF SITE = .82 ACRES
	MINIMUM DENSITY REQUIRED (30 UNITS/ACRE X .82) = 24.6 UNITS
	TOTAL TREE UNITS TO BE SAVED = 0 UNITS
	SHORTFALL OF TREE UNITS ON SITE = 24.6 UNITS
	REQUIRED NEW TREES TO BE PLANTED ON SITE = 25 TREES
	PROVIDED NEW TREES = 25 TREES
4. TREE COST ESTIMATE	TOTAL NUMBER OF PROVIDED TREES = 25 TREES
	COST PER TREE FOR PURCHASE, INSTALL, MAINT. = \$350/TREE
	TOTAL TREE COST = \$8,750

URBAN FORESTRY NOTES:

- STREET TREES ARE REQUIRED ALONG COOPER POINT ROAD FRONTAGE. SPACING AND SPECIES SELECTION WILL BE DETERMINED BY THE CITY URBAN FORESTER.
- ADDITIONAL TREE SPECIES SELECTION WILL BE RESEARCHED AND PROVIDED AT A LATER DATE BY THE CITY OF OLYMPIA'S URBAN FORESTER TO MEET SOIL AND GROWING CONDITIONS OF THE SITE.

IRRIGATION NOTES:

- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND MANAGED TO MAXIMIZE EFFICIENT USE OF WATER.
- AN IRRIGATION CONSULTATION WILL BE REQUIRED AT THE TIME THE IRRIGATION SYSTEM IS INSTALLED TO DETERMINE PRECIPITATION RATES AND UNIFORMITY OF SYSTEM.
- CONSULTATIONS WILL BE CONDUCTED BY AN IRRIGATION ASSOCIATION CERTIFIED LANDSCAPE IRRIGATION AUDITOR.

SOIL AMENDMENT NOTES:

- THE TOPSOIL LAYER SHALL HAVE A MINIMUM ORGANIC MATTER CONTENT OF TEN PERCENT DRY WEIGHT (FOR LANDSCAPED AREAS) OR FIVE PERCENT (FOR TURF AREAS), AND A PH FROM 6.0-8.0 OR MATCHING THE PH OF THE ORIGINAL UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF 8 INCHES EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA. SUBSOILS BELOW THE TOPSOIL LAYER SHALL BE SCARIFIED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
- PLANTING BEDS MUST BE MULCHED WITH 4 INCHES OF ORGANIC MATERIAL.
- QUALITY OF COMPOST AND OTHER MATERIALS USED TO MEET THE ORGANIC CONTENT REQUIREMENTS:
 - THE ORGANIC CONTENT FOR "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING GRADE A COMPOST AS DEFINED BY DEPARTMENT OF ECOLOGY INTERIM COMPOST QUALITY GUIDELINES (OR THE DEFINITION FOR COMPOSTED MATERIALS IN CHAPTER 173-350 WAC). SEE ALSO WSDOT STANDARD SPECIFICATION 9-14.4(8). THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 35% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS REGION.
 - CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIALS AS DEFINED ABOVE, OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND MEETING THE CONTAMINANT STANDARDS OF GRADE A COMPOST.

PLANTING NOTES:

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
- ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
- ALL TREES ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE CUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO (1) VERIFY THE LOCATIONS OF UTILITY LINES IN AND ADJACENT TO THE WORK AREA, (2) PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD, AND (3) REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES OF PLANTS REPRESENTED BY SYMBOLS SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, MOWING, ETC.) OF THE PLANTING AND LAWN AREAS UNTIL THE WORK IS ACCEPTED IN TOTAL BY OWNER.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF 12 MONTHS BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
- AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION. TOPSOIL AND ADDITIVE AMENDMENTS SHALL BE INSTALLED IN BED AREAS AFTER GRADING OPERATIONS AND PRIOR TO TREE INSTALLATION.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL SHRUB, GROUND COVER AND SEASONAL COLOR ANNUAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH BARK MULCH TO A MINIMUM DEPTH OF FOUR INCHES.
- SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
- DURING THE GROWING SEASON ALL ANNUALS SHALL REMAIN IN A HEALTHY, VITAL CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL PLANT MATERIALS QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN GRAPHICALLY.
- ALL LAWN AREAS ARE TO RECEIVE 4" OF TOPSOIL. ALL LANDSCAPE BED AREAS ARE TO RECEIVE 6" OF TOPSOIL.
- ALL LANDSCAPED AREAS ARE TO BE WATERED VIA AUTOMATIC IRRIGATION SYSTEM.
- INSTALL A WEED BARRIER IN ALL LANDSCAPE BED AREAS.
- A 4"x6" CONCRETE LANDSCAPE CURB (SEE LANDSCAPE & IRRIGATION DETAIL SHEET) SHALL BE INSTALLED BETWEEN ALL GRASSED AREAS (SOD OR HYDROSEED) AND LANDSCAPE PLANTING BEDS. ALSO, CONCRETE LANDSCAPE CURBING SHALL BE INSTALLED BETWEEN GRAVELED OR ROCKED AREAS AS SHOWN ON THE PLAN.
- PARKING LOT PLANTERS SHALL BE BERMED AT A 4:1 SLOPE.
- THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SODDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
- ONLY SLOW RELEASE FERTILIZERS SHALL BE APPLIED FOR THE LIFE OF THE DEVELOPMENT AT A MAXIMUM AMOUNT OF 4 LBS. OF NITRATE AS NITROGEN ANNUALLY AND NO MORE THAN 1 LB. PER APPLICATION FOR EVERY 1,000 SQUARE FEET OF TURF GRASS. ONLY FERTILIZER FORMULAS WITH A MINIMUM OF 50% WATER INSOLUBLE FORM OF NITROGEN ARE PERMITTED FOR USE. APPROVED WATER INSOLUBLE FORMS OF NITROGEN INCLUDE SULFUR AND/OR POLYMER COATED FERTILIZERS, ISOBUTYLIDENE DIUREA (IBDU), METHYLENE UREA AND UREAFORM, AND ORGANIC FERTILIZERS REGISTERED WITH WASHINGTON DEPARTMENT OF AGRICULTURE.
- IN AREAS WHERE GRADING BRINGS THE HARDPAN IN THIS SOIL TYPE NEARER TO THE SURFACE, THE HARDPAN MUST BE FRACTURED UNDER NEW TREES TO PROVIDE SOIL VOLUME FOR ROOT DEVELOPMENT AND TO IMPROVE DRAINAGE AROUND THE TREE. IT IS PROBABLE THAT COMPACTED GRAVEL FOR THE ASPHALT UNDERLAYMENT EXISTS AND MUST BE REMOVED FROM TREE PLANTING AREAS.

PLANT SCHEDULE

QUANT.	PIC.	KEY	SYMBOL	BOTANICAL/COMMON NAME	SIZE/COMMENTS	PIC.	KEY	SYMBOL	BOTANICAL/COMMON NAME	SIZE/COMMENTS
TREES										
5		A		BETULUS PENDULA 'DALECARLICA' / CUTLEAF WEEPING BIRCH	2" CAL. MATCHED SET, B&B, 10' MIN. HT., BRANCHED @ 5', SPECIMEN QUALITY	M			ARCTOSTAPHYLOS UVA-URSI / KINNICKINICK	1 GAL. CONT., PLANT @ 18" O.C.
3	REPLACEMENT TREE			LIRIODENDRON TULIPIFERA / TULIPTREE	2" CAL. MATCHED SET, B&B, 10' MIN. HT., BRANCHED @ 5', SPECIMEN QUALITY	N			CAREX OSHIMENSIS 'EVERGOLD' / 'EVERGOLD' SEDGE	1 GAL. CONT., PLANT @ 24" O.C.
10		B		PINUS SYLVESTRIS / SCOTCH PINE	6-7' HT., SPECIMEN QUALITY, B&B				COBBLESTONE AREAS (DRIVE-THRU): 1. (1/3) THUJA OCCIDENTALIS 'DANICA' / 'DANICA' ARBORVITAE 2. (2/3) CAREX OSHIMENSIS 'EVERGOLD' / 'EVERGOLD' SEDGE 50% OF AREA IS TO BE PLANTED	3"-6" ROUND ROCK, 6" MIN. DEPTH 1. 1 GAL. CONT., PLANT @ 36" O.C. 2. 1 GAL. CONT., PLANT @ 24" O.C.
5		C		PYRUS CALLERYANA 'GLEN'S FORM' / 'GLEN'S FORM' FLOWERING PEAR	2" CAL. MATCHED SET, B&B, 10' MIN. HT., BRANCHED @ 5', SPECIMEN QUALITY	O			COTONEASTER DAMMERI 'CORAL BEAUTY' / 'CORAL BEAUTY' COTONEASTER	1 GAL. CONT., FULL & BUSHY, SPECIMEN QUALITY, PLANT @ 24" O.C.
5		D		QUERCUS ROBUR X ASJES / ROSEHILL OAK	2" CAL. SPECIMEN QUALITY, B&B, 10-12' HT., BRANCHED @ 5', MATCHED SET	P			NASSELLA TENUISSIMA / MEXICAN FEATHER GRASS	2 GAL. CONT., PLANT @ 24" O.C.
SHRUBS										
		E		CLEMATIS ARMANDII / EVERGREEN CLEMATIS	1 GAL. CONT., FULL & BUSHY, STAKED	Q			GAULTHERIA SHALLON/SALAL	1 GAL. CONT., PLANT @ 24" O.C.
		F		EUONYMUS ALATA 'COMPACTA' / DWARF WINGED EUONYMUS	5 GAL. CONT., 24" MIN. HEIGHT, FULL & BUSHY	R			HELICTOTRICHON SEMPERVIRENS / BLUE OAT GRASS	1 GAL. CONT., PLANT @ 24" O.C.
		G		MISCANTHUS SINENSIS PURPURASCENS / FLAME GRASS	5 GAL. CONT., 24" MIN. HEIGHT, FULL & BUSHY	S			FESTUCA OVINA GLAUCA 'ELIJAH BLUE' / 'ELIJAH BLUE' BLUE FESCUE	1 GAL. CONT., PLANT @ 24" O.C.
		H		PINUS MUGO MUGHUS/MUGO PINE	18-21" SPREAD, B&B, FULL & BUSHY	T			PENNISETUM ALOPECUROIDES 'LITTLE BUNNY' / 'LITTLE BUNNY' FOUNTAIN GRASS	1 GAL. CONT., PLANT @ 24" O.C.
		I		PRUNUS LAUROCERASUS 'OTTO LUYKEN'S' / 'OTTO LUYKEN'S' LAUREL	18-24" SPRD., B&B, FULL & BUSHY				EXISTING VEGETATION	PRESERVE AND PROTECT, LOCATION AS SHOWN ON PLAN
		J		SPIRAEA X BUMALDA 'ANTHONY WATERER' / 'ANTHONY WATERER' SPIRAEA	2 GAL. CONT., 15" MIN. HEIGHT, FULL & BUSHY					
		K		TAXUS X MEDIA 'DENSIFORMIS' / DENSE SPREADING YEW	5 GAL. CONT., 24" MIN. SPREAD, FULL & BUSHY					
		L		VIBURNUM DAVIDII / DAVID'S VIBURNUM	2 GAL. CONT., 15" MIN. SPRD., FULL & BUSHY					

No.	Date	By	Revision Description
1	08/12/2013	PACLAND	DESIGN REVIEW SUBMITTAL
2	08/22/2013	PACLAND	DESIGN REVIEW SUBMITTAL
3	09/17/2013	PACLAND	DESIGN REVIEW SUBMITTAL
4	10/15/2013	PACLAND	DESIGN REVIEW SUBMITTAL

Issue Date:	Land Use/Design Review	Project No.
06/20/2013	LAND USE/DESIGN REVIEW	50127019



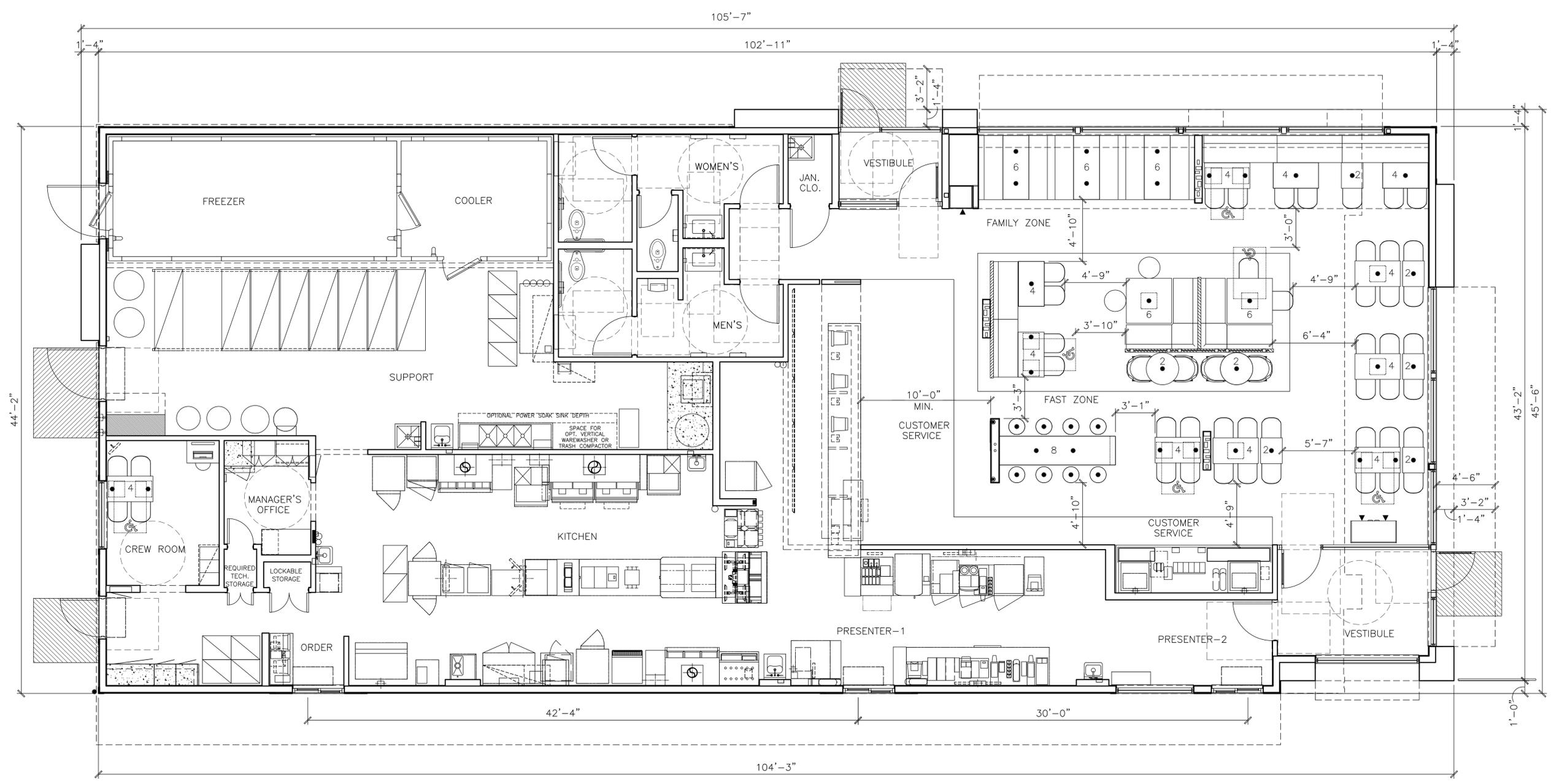
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McDonald's
 RESTAURANT DEVELOPMENT
 PORTION OF 1313 COOPER POINT ROAD SW
 OLYMPIA, WASHINGTON 98502
LANDSCAPE PLAN



B:\Washington\Olympia\MCD\West_Olympia\Drawings\OLMD_310L.dwg Oct 15, 2013 - 4:36pm

\\MCDONPFS104\CAD001\STD\STANDARD\PRELIM\2013 STANDARD BUILDINGS - 4TH QUARTER RELEASE\45 97 - WW (FULL)\A-REFERENCE PLANS.DWG 10-08-2012 14:33



1 FLOOR PLAN
 R1.3 1/4" = 1'-0"

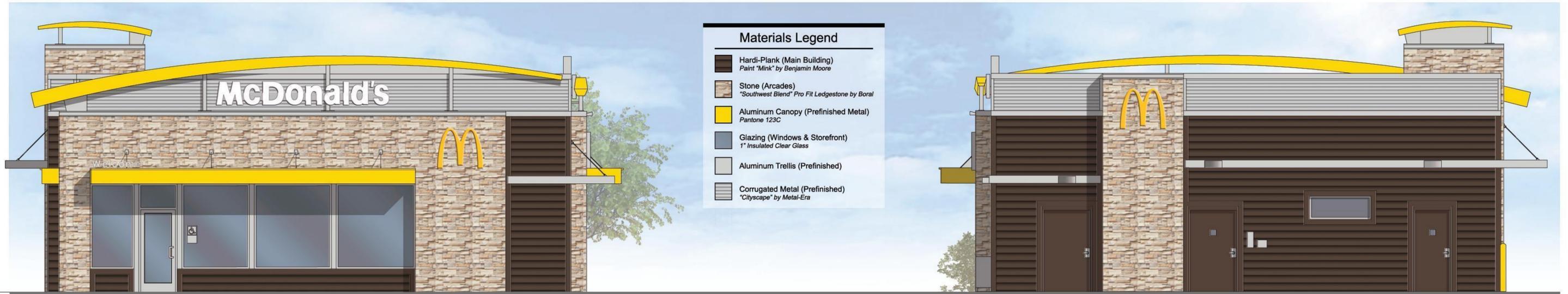
4597- WW PLAN

4,561 GROSS SQ. FT. / 4,336 NET SQ. FT.

90 SEATS (5 ACCESSIBLE SEATS)

THIS DRAWING IS
 FOR REFERENCE ONLY
 NOT FOR CONSTRUCTION
 SEATING LAYOUT IS SCHEMATIC, THE FINAL
 SEATING LAYOUT TO BE PROVIDED BY OTHERS.

SHEET NO. R1.3 SEATING PLAN	TITLE 2013 STANDARD BUILDING 4597 - WOOD/WOOD DESCRIPTION WOOD BEARING WALLS W/ HARDI-PLANK EXTERIOR FINISH WOOD ROOF TRUSS FRAMING LEDGESTONE EXTERIOR FINISH ARCADE/ENTRY SITE ID 046-1078	DRAWN BY RP STD ISSUE DATE 2013_06 REVIEWED BY SPM: PP DATE ISSUED 10/15/2013 C.S.G. PROJECT # MCD-15381	PREPARED FOR: McDonald's USA, LLC <small>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without the written authorization of McDonald's USA, LLC. The drawings are not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the contract documents for reuse on another project is not authorized.</small> © 2013 McDonald's USA, LLC PREPARED BY: CORE STATES GROUP <small>340 Centerville Drive, Suite 430 Ontario, CA 91764 Fax (951) 467-8817</small>
			REV. DATE DESCRIPTION BY



Front Elevation
(FACING HWY 101)

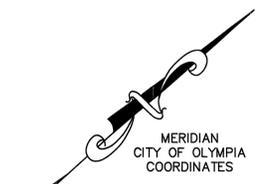
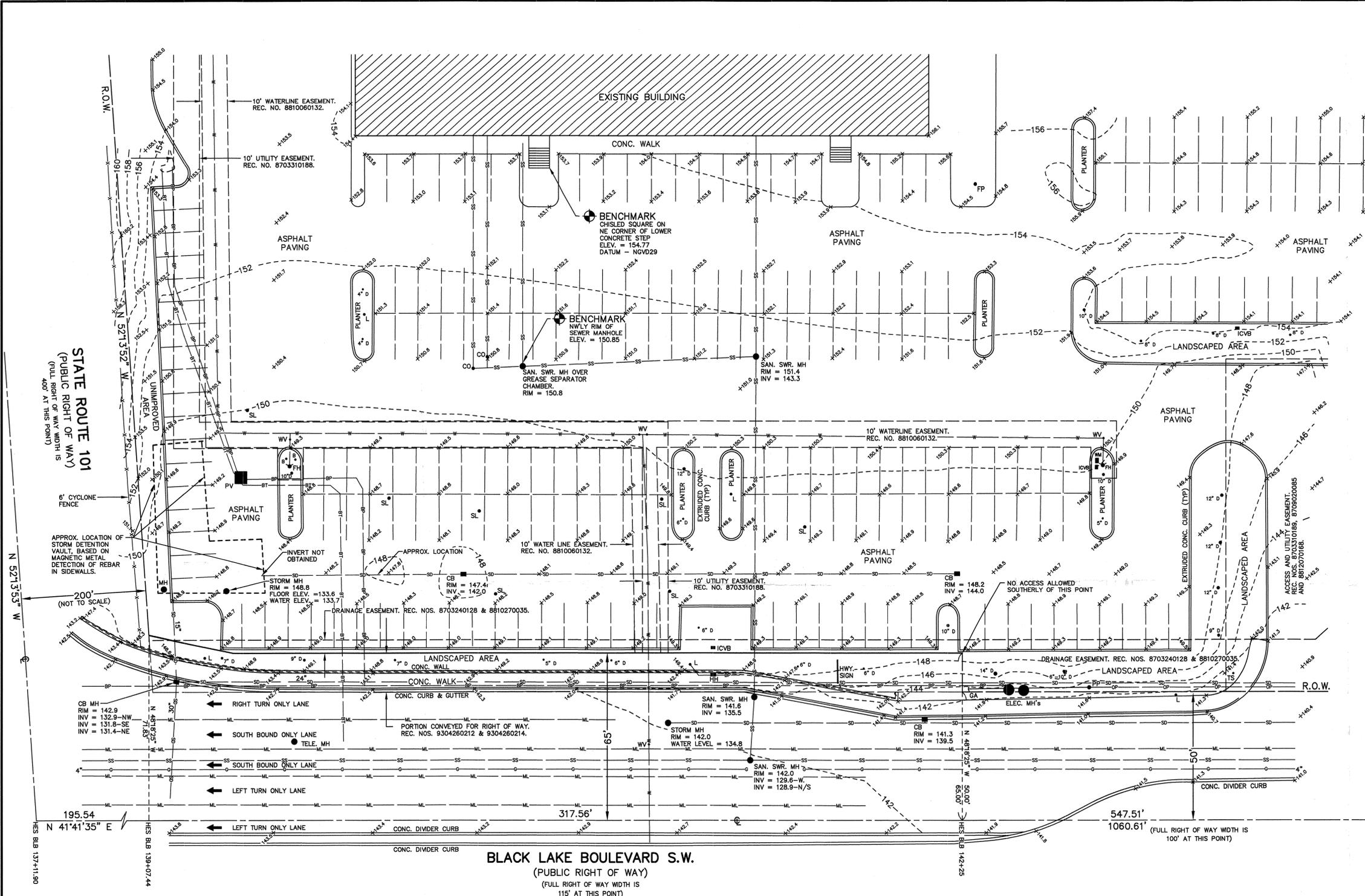
Rear Elevation
(FACING EAST)



Non-Drive-Thru Side Elevation
(FACING BLACK LAKE BLVD.)



Drive-Thru Side Elevation
(FACING TOP FOOD AND DRUG)



LEGEND

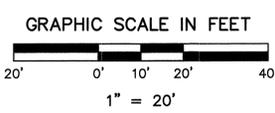
- BP--- BP BURIED POWER
- BT--- BT BURIED TELEPHONE
- G--- G GAS
- ML--- ML MEDIAN LINE
- OP--- OP OVERHEAD POWER
- SD--- SD STORM DRAIN
- SS--- SS SANITARY SEWER
- W--- W WATER
- B. BOLLARD
- C.B. CATCH BASIN
- C.O. CLEAN OUT
- D. DECIDUOUS TREE
- F.H. FIRE HYDRANT
- F.P. FLAG POLE
- G.A. GUY ANCHOR
- H.H. HAND HOLE
- I.C.V.B. IRRIGATION CONTROL VALVE BOX
- L. LUMINAIRE
- M.H. MANHOLE
- M.P. POWER POLE
- P.V. POWER VAULT
- R.O.W. RIGHT OF WAY
- S.L. SOIL LOG
- T.S. TRAFFIC SIGN
- W.M. WATER METER
- W.V. WATER VALVE
- +90.0 SPOT ELEVATION

NOTE:
THE UTILITIES SHOWN HEREON, UNLESS SHOWN WITH SURFACE APPURTENANCES, ARE PER PUBLIC RECORD OR BASED ON PAINT STRIPING PROVIDED BY OTHERS. PRIOR TO ANY CONSTRUCTION AND/OR EXCAVATION, THEIR EXACT LOCATION SHOULD BE DETERMINED BY CALLING ONE-CALL LOCATE AT 1-800-424-55.

NOTE:
THIS SURVEY WILL BE FINALIZED AFTER THE COMPLETION OF A BINDING SITE PLAN, WHICH HAS BEEN PREPARED BY OTHERS, AND WHICH HAS BEEN SUBMITTED TO THE CITY OF OLYMPIA FOR REVIEW AND APPROVAL.

THE BOUNDARY FOR THIS SURVEY WILL BE DERIVED FROM THAT PROPOSED BINDING SITE PLAN.

PRELIMINARY



COOPER POINT ROAD

1350.69' TO INT. - 1350.41' MON. TO MON.
N 41°41'35" E - BASIS OF BEARINGS
FND. CONC. MON. IN CASE WITH 2" BRASS DISC WITH PUNCH MARK. MON. IS 0.28' NE OF CENTERLINE INTERSECTION. 06/05/12.



07/01/13

CLIENT					
McDONALDS CORPORATION					
ALTA/ACSM LAND TITLE SURVEY AT 1313 COOPER POINT ROAD S.W., OLYMPIA, THURSTON COUNTY, WASHINGTON					
TIM HANSON AND ASSOCIATES, INC. 8255 CULTUS BAY ROAD CLINTON, WA 98236 (425) 822-7271					
SCALE	SEC. TWP. RGE.	FIELD BOOK	DATE	PROJECT NO.	
1" = 20'	21 18 2	175	JUNE 2012	12007	